

# Marine Store



## Catalogue, Web Edition- 2012

We are arranging some Equipment's and Materials from all over the world, which you are looking for while building Ships. Just let us know your requirements; we will deliver at your door.

MESL

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## Composite Rock Wool Perforated Sound Reduction Wall Panel

Catalogue Number: ACP 0001



### Product Description:

Type C Composite Rock Wool Acoustic Wall

Type JCP-B1(Acoustic)

Fire class B-15

Dimension 600/500mm width, Required length (Max. 3600mm Height)

Weight 23.7kg/m<sup>2</sup>

Sound reduction 46dB(A)

Thermal transmittance 0.55 Kcal/m<sup>2</sup>h. C

Surface finish PVC/PET film Laminated (low flame-spread) or galvanized Steel sheet

Tolerances Width, Height  $\pm 3$ , Thickness

Core material Rock Wool

Type A Composite Rock Wool Acoustic Wall

Type JCP-B3(Acoustic)

Fire class B-30/15

Dimension 600/500mm width, Required length (Max. 3600mm Height)

Weight 24.2kg/m<sup>2</sup>

Sound reduction 46dB(A)

Thermal transmittance 0.58 Kcal/m<sup>2</sup>h. C

Surface finish PVC/PET film Laminated (low flame-spread) or galvanized Steel sheet

Tolerances Width, Height  $\pm 3$ , Thickness

Core material Rock Wool

Type A(C) Composite Rock Wool Perforated Sound Reduction Wall Panel

Type JCP-L4

Fire class B-15

Dimension 600/500mm width, Required length (Max. 3600mm Height)

Weight 14.8kg/m<sup>2</sup>

Sound reduction 30dB(A)

Thermal transmittance 0.86 Kcal/m<sup>2</sup>h. C

Surface finish PVC/PET film Laminated (low flame-spread) or galvanized Steel sheet

## JIS marine standard flange end air pipe head

Catalogue Number: AV 0001



### Product Details:

Material: cast iron: Techniques: Casting: Type: Cap  
Place of Origin: China: Connection: Flange

### Specifications:

JIS marine standard flange end air pipe head is used for marine toilet air vent. Specification variety & good price.

## Air Vent Heads. Air Pipe Heads

Catalogue Number: AV 0002



Place of Origin: Zhejiang China (Mainland): Brand Name: J-Marine

### Specifications:

Automatic closing system by disc float made of cast steel, iron, good quality, Reasonable price.

Air Pipe Heads 50mm-450mm set

## DIN marine standard flange end air pipe head

Catalogue Number: AP 0003



### Product Details:

Material: Iron, Techniques: Casting, Type: Cap  
Place of Origin: China (Mainland): Connection: Flange

### Specifications:

DIN marine standard flange end air pipe head is used for marine toilet air vent. Specification variety & good price.

## CBM1105-82 Marine Cast Iron Air Vent Head

Catalogue Number: AP 0004

Model Number: CBM1105-82 DN200



### Product Details:

Place of Origin: China, Brand Name: YJ, Part: air pipe head, Material: cast iron

### Specifications:

CBM1105-82 Marine Cast Iron Air Vent Head  
 Certificate: CCS, BV  
 Dia.: 50-450mm  
 Float & guide pin material: SS

CBM1105-82 Marine Cast Iron Air Pipe Head

1. Dimensions of flange are according to ISO2084 10K standards,
2. Other types are available as per customers' requirements.
3. Remark sample: CBM1105-82 DN200 Air Pipe Head.

The air vent head CBM1105-82 is manufactured according to ISO2084 10K standard of marine. The float & guide pin are made of SS304. It is small in volume, beautiful in design, reliability in function and anti-flow backward, used on air pipes of deck in oil tank, seawater tank and fresh water tank. It can be installed hand closing device if possible, used in ballast and cargo tank.

The nominal diameters are from 50mm to 450mm (that is from 2"to 18").

Dimensions of flange are according to ISO2084 10K, other types are available by customers' requirements such as JIS DIN, ANSI etc.

**JIS-KS91A-121 DN50-DN80**

**530N DN50-DN200**

**JIS-KS91A-121 DN100-DN450**

**MAIN DATA FOR JOINING(mm)**

Dimension (mm)										
DN	FL	CA	FR	FS	S	SA	PA	RA	SI	TP
50	120	120	175	127	14	11-Ø111	170	120	133	1.4
65	130	130	185	137	14	11-Ø111	175	130	143	1.4
80	140	140	195	147	14	11-Ø111	180	140	153	1.4
100	160	160	215	167	16	11-Ø119	190	160	173	1.4
125	180	180	235	187	16	11-Ø119	195	180	193	1.4
150	200	200	255	207	16	11-Ø119	200	200	213	1.4
175	220	220	275	227	16	11-Ø119	205	220	233	1.4
200	240	240	295	247	16	11-Ø119	210	240	253	1.4
225	260	260	315	267	16	11-Ø119	215	260	273	1.4
250	280	280	335	287	16	11-Ø119	220	280	293	1.4
275	300	300	355	307	16	11-Ø119	225	300	313	1.4
300	320	320	375	327	16	11-Ø119	230	320	333	1.4
325	340	340	395	347	16	11-Ø119	235	340	353	1.4
350	360	360	415	367	16	11-Ø119	240	360	373	1.4
375	380	380	435	387	16	11-Ø119	245	380	393	1.4
400	400	400	455	407	16	11-Ø119	250	400	413	1.4
425	420	420	475	427	16	11-Ø119	255	420	433	1.4
450	440	440	495	447	16	11-Ø119	260	440	453	1.4

Part	Material	Weight
1	Iron Ball	373.224
2	Gasket	26.831
3	Reference Component	Reference
4	Ball	111.222 / 111.831
5	Iron Ball	473.308
6	Rubber Ring	488
7	Pin	171.008
8	Support Ring	26.402
9	Support Pin	171.008
10	Iron Ball	573.392
11	Rubber Gasket	488
12	Gasket	26.831
13	Guide Pin	171.008

# Marine cast iron air vents head

**Catalogue Number: AP 0005**

**Model Number: JIS-KS91A-121**



## Product Detail:

Standard or Nonstandard: Standard, Structure: air pipe head, Pressure: Medium Pressure, Power: Hydraulic, Material: Stainless Steel, Temperature of Media: Medium Temperature, Media: fresh water, oil, petroleum, liquid water: Port Size: 50mm---300mm, Place of Origin: China, Brand Name: sdsfh, color: gray or fit for customers' demand,

## Specifications:

Air vent head

1. Certificate:BV,CCS
2. Medium:Water/Oil
3. Nominal dia.: 50-450mm
4. The flange can be made according to JIS  
JIS OIL WATR AIR VENT HEAD 5kg/cm2(AIR PIPE HEAD)

1. Small L In Volume, Beautiful In Design
2. JIS and DIN standards air vent head

Cast Iron Air Vent Head

	diam D flange diam (mm)	C pitch (mm)	hole (mm)
50A	130	105	4×φ15
65A	155	130	4×φ15
80A	180	145	4×φ19
100A	200	165	8×φ19
125A	235	200	8×φ19
150A	265	230	8×φ19
200A	320	280	8×φ23

250A 385	345	12×φ23
300A 430	390	12×φ23
350A 480	435	12×φ23
400A 540	495	16×φ25
450A 605	555	16×φ25

## Casting iron air vent/pipe head for the ship (CB/T3594-94)

Catalogue Number: AP 0006



### Product Details:

Standard or Nonstandard: Standard, Structure: marine air vent head, Material: Casting, Place of Origin: China

### Specifications

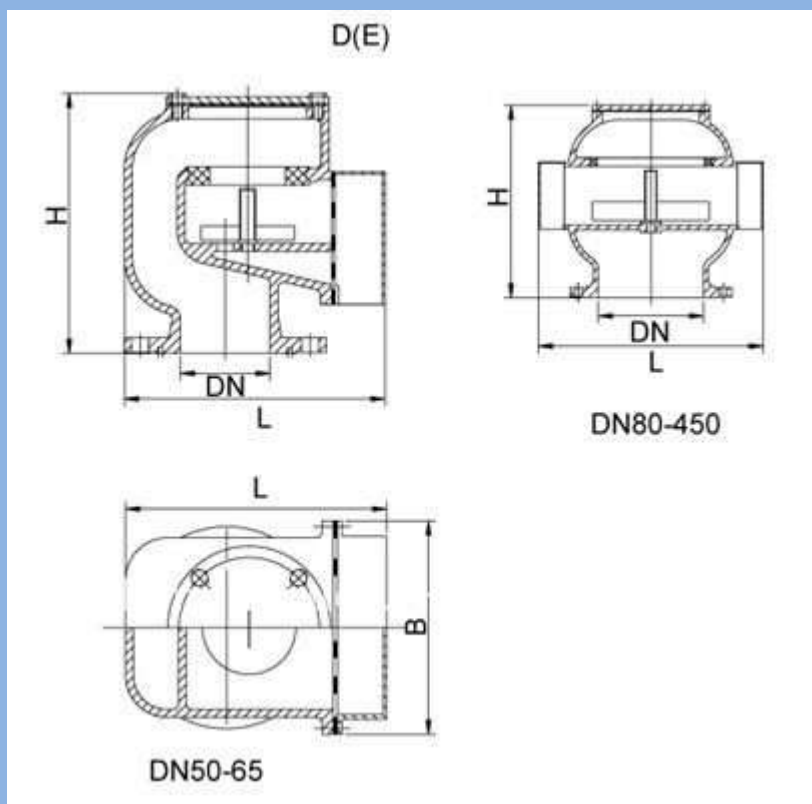
1. DN50-350mm,
2. Flange dimension as per GB2501
3. Applied to oil and water tank for vessels and drilling platform.

### Application:

It is applied to oil and water tank for all kinds of vessel and drilling platform.

Drawing:





## Air Pipe Head

Catalogue Number: APH 0007



### Product Description:

We can supply the following type of air pipe head-

- 1) Welding type air pipe head
- 2) Floating ball type air pipe head
- 3) Foundering type air pipe head

The air pipes are used for the vent of water tank and oil tank. Flange standard can be JIS or DIN, with size range from 50mm to 600mm.

## Air Fan

Catalogue number: AV 0008



### Product Description:

We can supply more than 500 types of air fans belong to more than 50 series. These fans are widely used in marine, mining and chemical industry.

Certificate by GL, CCS and RINA for marine air fan.

## Marine Air Receiver

Catalogue number: AV 0009



Material: Steel

Style: Double Faced

Product Description:

Catalogue number: AV-000

There two types of air receiver:

- A. Vertical or inclination
- B. Horizontal

Marine low pressure air bottle is mainly used to store compressed air, and supply start up or air whistle for main engine and auxiliary engine.

A style is made up of bottle valve and steel body. Body has hand hole (or manhole) for easy wash and examination. And bottle valve set up inlet/outlet valve, safety valve, pressure gauge and pressure gauge valve, drain valve etc.

B style is made up of steel body, end, manhole for easy examination and repair set in end, inlet/outlet valve, safety valve, pressure gauge and pressure gauge valve, drain valve, installation seat etc.

Various class certificate can be supplied upon request.

## Heat Exchanger

Catalogue number: AV 0010



Heat Transfer Surface: Tubular Heat Exchanger

Structure Material: Metal Material

Purpose: Heater

Principle: Mixing Heat Exchanger

### Product Description:

#### Sorts & use:

Sorts: Oil (water) cooler/ condenser/ oil (water) heater

Cooler is used in cooling of lubricating oil or water system.

Condenser is used in condensing excess steam or refrigerant.

Heater is used in heating lubricating oil, fuel oil or sea water.

# Quick-Closing Valve Control Box

Catalogue number: AV 0011



Theory: Control Box

Structure: Control Box

Power: Pneumatic

Type: Pneumatic

## Product Description:

Application:

SDC series quick-close valve control box is a remote control plant, which is suitable for fuel oil tank, lub oil tank and daily supplying fuel oil tank of ship, to shut off oil circuits and prevent the fire from spreading.

Principle description:

The air source input from ship to the air receiver of air-powered quick-close valve control box. Air pressure in the receiver can keep in setting valve through pressure controller. The air in the receiver divided into several ways by distributor. In case of emergency, open the plug quickly, the air powered quick-close valve's piston which is on the oil transferring pip will be closed by air.

Quick-close valve control box with air receiver capacity 50L and the scope of control is 4way.

## CBZ series marine or navy explosion-proof axial flow fans

Catalogue number: AV 0012



### Product Details:

Origin: China	Brand Name: CHUN HAO	Model Number: CBZ
Part: Marine Hardware	Voltage: 380V/440V	Dia.: 300mm~1400mm
Certification: CCS	Type: Fans for marine or navy use	Total pressure: 230Pa~12200Pa
Weight: 18kg~1100kg	EXPLOSION-PROOF RANK: AT1 TO CT4	Air flow rate: 1200m <sup>3</sup> /h~138000m <sup>3</sup> /h
Speed: 970r/min~3500r/min	Power: 0.15kw~30kw	

### Specifications:

Marine fan, axial flow fan

Explosion-proof, safe in operation

Well anticorrosive.

Resisting vacillation, vibration and shocking.

### CBZ series marine explosion-proof axial flow fans

#### 1. Preface

CBZ series explosion-proof axial flow fans for marine use are designed and manufactured according to GB 11800-89(Marine Explosion-proof Axial Flow Fans), and general description and explosion-proof electrical equipment d of GB3836-83 Electrical apparatus for explosive atmospheres and Regulations for the Construction and classification of Sea-going steel ships.

#### 2. Application

They can be delivered for gas mixtures or vapor containing combustibles and explosives, for ordinary air, for sea air containing salt fog, for air containing oil fog and other corrupt air supply or extraction.

Theses explosion-proof fan series are best suited to pumping out gas mixtures or vapor containing combustibles and explosives in oil cabins holds, pump-rooms, battery cabins, ammunition cabins, hangars, paint houses, etc . They can also be used for ventilation of other compartments of shipping and corresponding place of lands.

AC 50HZ, 380V or 60HZ, 440V type YB-H (explosion-insular) for marine use may be mounted on these fans.

#### 3. Features

Explosion-proof, safe and reliable in operation.

Well anticorrosive.

Strongly capable of resisting vacillation vibration and shocking.

Main Property Parameters and Outline

Type	Flow rate m <sup>3</sup> /h	Total pressure pa	Static Pressure pa	Power kw
CBZ-30A	1200-2100	170-360	140-330	0.75
CBZ-30B	1000-1400	150-330	140-320	0.75
CBZ-35A	3000-5400	240-520	140-460	1.1
CBZ-35B	1800-3600	220-510	180-490	1.1
CBZ-40A	4500-7200	470-800	370-710	2.2
CBZ-40B	3000-5400	380-710	320-670	2.2
CBZ-50A	6000-7200	210-300	170-240	1.1
CBZ-50B	6000-10000	560-920	460-860	3-4
CBZ-50C	9000-14000	630-1060	460-940	4-5.5
CBZ-60	9000-14000	220-380	140-320	2.2
CBZ-70A	9000-21000	210-590	120-530	2.2-4
CBZ-75	15000-28000	270-730	140-660	4-7.5
CBZ-80A	21000-36000	370-910	210-800	7.5-11
CBZ-80B	18000-32000	290-740	160-660	5.5-7.5
CBZ-90B	24000-48000	330-1060	210-940	7.5-15
CBZ-90C	30000-43000	660-1220	510-1070	15-18.5
CBZ-100A	36000-46000	300-470	190-330	7.5-11
CBZ-100B	39000-57000	450-820	280-660	11-15
CBZ-100C	42000-60000	390-990	370-800	15-22
CBZ-100D	36000-46000	710-1200	600-1060	15-22
CBZ-110A	42000-72000	380-790	200-660	15-18.5
CBZ-110B	42000-57000	260-450	140-320	7.5-11
CBZ-110C	42000-65000	710-1190	560-1060	18.5-30
CBZ-120A	60000-86000	340-590	150-	

# Marine Mushroom Ventilators

Catalogue number: AV 0013



## Product Details:

Marine Mushroom Ventilators

Certificate: BV

Marine Parts: Mooring

Material: Iron and Steel

Use: Mooring

Type: All

Product Description

Part: Ventilation equipment

Standard: GB3887-83 instead CB295-64

Material: Steel

Type: All type

Shape: Mushroom

Coating: Rich Primer by Shot

Blast: Never rust

## Specifications:

Marine mushroom ventilators

Ventilated canister

With gauze screen

Can be produced as per customer drawings

Low price

Marine mushroom ventilators

Used for ventilation of the weather deck of various vessel

Gauze screen

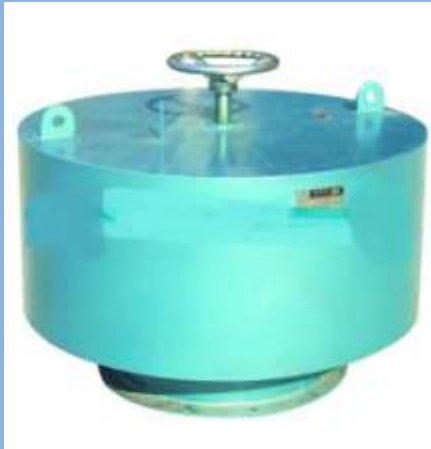
We can supply all kinds of marine fitting

Certification: CCS/GI/ Rina

For detail information please contact us

## Marine Mushroom Vent Head, Mushroom Ventilator

Catalogue number: AV 0014



### Product Description:

Marine Mushroom vent head for ship use

### 1. Using range & purpose:

it can be fixed on the natural and mechanical ventilate vices on the hypaethral decks of all sorts of ships for ventilator.

### 2. Operation Standards

Technical conditions of ventilators manufacture, expert and check-accept accord with GB/T295-2000Fung shaped ventilated canister For Marine Use.

### 4. Features

Au types of ventilated canisters above have the full features, bean shapes, au, Can satisfy the wide needs of the shipping industry.

### More Product Features:

Model: Mushroom ventilator

Certification: CCS/GL/RINA

Cooling Method: Ventilation Fan

## Ship mushroom air vent head

Catalogue number: AV 0015

Model Number: C-TYPE





**Product Details:**

Place of Origin: China, Brand Name: CHUN HAO

Part: Ventilation equipment: Ship Mushroom ventilator: Ship Mushroom ventilation: Mushroom air vents head.

Certification: CCS/GL/RINA

Type: Ventilated Canister: Mounting: marine and navy duct fan

Mushroom vent sleeve: Material: Carbon steel: Mushroom cowl

**Specifications:**

Mushroom ventilator,  
mushroom air vent head,  
vent sleeve for ship use.

Dia.150mm~1400mm.

Mushroom cowl.

-

## Marine Mushroom air vent head for ship use

**Catalogue number: AV 0016**



**1. Using range & purpose**

It can be fixed on the natural and mechanical ventilate vices on the hypaethral decks of all sorts of ships for ventilator.

**2. Operation Standards**

Technical conditions of ventilators manufacture, exper and check-accept accord with GB/T295-2000Fung shaped ventilated canister For Marine Use.

### 3. Sort

Ventilated canisters types, names and sizes.

Type	Name	Nominal dia DN (mm)
A	Inside on off Hood ventilator	150~350
B	Outer on off obturation ventilator	260~1400
C	Outer on off obturation ventilator	260~1400
D	Fixed ventilated canister	260~1400
E	Inside on off obturation ventilator	150~350
F	Outer side on off obturation ventilator	150~900

### 4. Features

AU types of ventilated canisters above have the full features; bean shapes can satisfy the wide needs of the shipping industry.

## Radiator Air Vent Valve

**Catalogue number: AVV 0017**

**Model NO: V21-025B**



Standard: 3/8", 1/2", 3/4"

Origin: China

### Product Description

Radiator air vent valve

Air vent plug

Size: 3/8", 1/2", 3/4"

We can supply many of brass ball valve, angle valve, radiator valve, bibcock, gate valve, brass fitting and other sanitary products.

## Radiator Accessories

**Catalogue No: AVV 0018**

**Model No: V21-026**



### **Product Description**

Standard: 5 x 5

Origin: China

Radiator accessories

Model: V21-026

A: METAL KEY

B: PLASTIC KEY

Size: 5x5mm

## Straight Radiator Valve

**Catalogue Number: AVV 0018**

**Model: V21-103**



### **Product Description:**

Type: Radiator Drain Plug

Material: Copper

Straight radiator valve with handle, chrome plated

Size: 1/2"x15mm

## Die-Casting Aluminum Radiator

**Catalogue Number: AVV 0019**

**Model number: RN808-500**



### **Product Description:**

Standard: 500mm

Trademark: Runner

Origin: China

Type: Radiator

Material: Aluminum

Die-Casting Aluminum Radiator

Dimension(H\*L\*D: Mm): 582X80X80

Central Distance(mm): 500

Water Content(L/PC): 0.38

Thermal Output: T=50, 195

Weight(kg/PC): 1.28

Working Pressure(Bars): 10--18

Testing Pressure(Bars): 25

Connecting size (inch): 1"

### **Description:**

1. High-quality ADC12 Aluminum with lighter weight
2. Good thermal conductivity
3. Anti corrosion
4. Spray painting
5. Guarantee of the safety and reliability
6. Good looking and endurance
7. Multi colors
8. Equipped with 800T automatic pressure die-cast machinery"

## Solar Air Vent Valve

**Catalogue Number: AVV 0020**



### Product Description

Continuous uninterrupted air venting used in Solar system. Fast removal of large air bubbles. Solar air vent valve for solar heating systems where air bubbles must be discharge from water. Can withstand continuous temperature of -40--180 degree, max pressure is 10 bar. While using the air vent on the solar system, it ensures the system operate safely and steadily.

### ADVANTAGES:

- Maintenance free
- Continuous uninterrupted air venting
- The solar air vent valve is resistant to fouling
- Fast removal of large air bubbles
- Reliable air inlet on draining
- Reliable automatic air venting saves maintenance costs
- Stainless steel construction
- Maximum temperature 180

## Automatic Air Vent Valve

**Catalogue Number: AVV 0021**

**Model: BW-R12**



### Product Description :

Standard: ½  
 Origin: China  
 Brass automatic air vent valve, Size: 1/2"

## Brass Air Vent Valve

**Catalogue Number: AVV 0022**

**Model: Nxb-001**



**Product Description:**

Origin: China

Brass air vent valve (Brass exhausting valve)

Nominal Pressure: 1.6MPa

Working Medium: Water, Saturated steam ( $\leq 0.6\text{MPa}$ ),

Working Temperature: 0oC-100 oC

Parallel Pipe Thread to ISO288 or ISO 7

1) Forged brass body

2) Size: 1/2".

3) Standard: Full port

4) packing: Inside individual plastic bag and box; Outside: Carton

5) Standard or Material or other details all can produce as your requirement.

## Air Vent Valve

**Catalogue Number: AVV 0023**

**Model: 1900G**



**Product Description**

Code	Size	Qty/CTN
1900G0004	1/2"	50

## Boiler Valve with Manometer

Catalogue Number: AVV 0024

Model: 2101H



## Check Valve

Catalogue Number: AVV 0025

Model: 8306H

**Product Description**

Code	Size	Qty/CTN
8306H6604	1/2"	100
8306H6605	3/4"	60
8306H6610	1"	50

## "Y" Filter

**Catalogue Number: AVV 0026**

**Model: 3140H**



**Product Description:**

Origin: China

<u>Code</u>	<u>Size</u>	<u>Qty/CTN</u>
3140H0004	1/2"	50
3140H0005	3/4"	30

**\*\*** If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!

If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you

**Note:** Please specify the product details with Model number (if any) and Catalogue number.



Tolerances Width, Height  $\pm 3$ , Thickness  
Core material Rock Wool

## Composite Panel

Catalogue Number: ACP 0002



Origin: China  
Surface Finishing: Coating  
Function: Fireproofing  
Usage: Interior

### Product Description:

Supply scope of composite rock wool panel:  
Composite rock wool ceiling panel;  
Composite rock wool lining panel;  
Composite rock wool wall panel  
Stainless steel composite rock wool panel;  
Dam proof rock wool panel;  
Fire class: A60\B-30\B-15\B-0

## Rock Wool Panel

Catalogue Number: ACP 0003



Origin: China  
Surface Finishing: Coating  
Function: Fireproofing  
Usage: Interior

**Product Description:**

Supply scope of composite rock wool panel:  
Composite rock wool ceiling panel;  
Composite rock wool lining panel;  
Composite rock wool wall panel  
Stainless steel composite rock wool panel;  
Dam proof rock wool panel;

## Marine Galley Hood

Catalogue Number: ACG 0001



**Product Description:**

Main Features:

Completely S/S Structure  
Complete with Carbon Cartridge Filter System  
Additional Fire Fighting System (Optional).

## Electromagnetism Cooking Stove3

Catalogue Number: ACG 0002



### Product Description:

Features:

- A. The electromagnetism-cooking stove has no clear fire, noise is small, and the environment is kept clean;
- B. The components of electromagnetism cooking stove with high quality to guarantee the long usage time;
- C. It is especially suitable, when the fuel is limited.

## Air Cooled Source

Catalogue Number: ACG 0003



Usage: for Refrigerate

### Product Description:

Liquid cooling source plant is nucleus equipment of radar radiation plant cooling system, which can accurately regulate the temperature, flow or pressure of cooling liquid as per the requirements of each radar cabinet. The plant has many features, such as new design, intellect control, convenient operation, economic, save energy, safety and reliable, easy maintenance etc, widely applicable for all kinds of radars and other places, which need cooling liquid.

Temperature could be regulated automatically in range of 5C~60C;

Design the flow as user requirement;

Cooled by water cooled or air cooled;

Equipped with high efficiency heat exchange equipment;

Equipped with pressurization and filter equipment;  
Equipped with auto regulation equipment

*\*\* If you are interested in any of our equipment's, which are not listed in this catalogue, please let us know we also can arrange different styles of you need!  
If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you  
Note: Please specify the product details with Catalogue number and Model number (if any).*

## Electric Winch

Catalogue number: AW-0001



### Product Details:

Origin: China

### Specifications:

1. Absorbs greater impact.
  2. Less reverse impact on the ships.
  3. Easy installation.
  4. High standard quality control, broad choice
- Convenient transportation,.

## Hydraulic Anchor Windlass

Catalogue number: AW-0002



### Product Description:

### Specifications:

- 1) Drive: electric / hydraulic
- 2) Configuration: single in vertical / horizontal arrangement / double gypsies in horizontal
- 3) Chain size: 16 mm to 92 mm
- 4) Chain speed: complying with ISO requirements
- 5) Clutch: manually operated dog clutch
- 6) Brake: manually and hydraulic operated band brake
- 7) Control: local control
- 8) Paint: as per your specifications

## Marine Anchor Windlass

Catalogue Number: AW 0003



### Product Description

Origin: China

Marine Parts: Marine Hardware

Material: Iron and Steel

Use: Trade

Type: Commercial Vessels

**Description:** Anchor windlass, which is used in the marine.

**Material:** As per clients' requests

## Combined-Windlass (SM-MW015)

Catalogue Number: AW 0004

Model NO: SM-MW015



### Product Description:

**Standard:** ISO,GB

Combined Windlass Specifications:

- 1) Drive: Electric / hydraulic
- 2) Configuration: Gypsy + drum + wrapping end
- 3) Chain size: 19mm to 50mm
- 4) Chain speed: Complying with marine requirements
- 5) Clutch: Manually operated dog clutch

- 6) Brake: Manually and hydraulic operated band brake
- 7) Control: Local control
- 8) Paint: As per customers' specifications

## Double Drum Windlass

**Catalogue number: W-0005**



### **Product Description:**

Anchor Windlass consists of e-motor (Hy-motor), gear box, gypsy, drum head, clutch unit and brake unit, it has simple structure enable easy operation with unilateral and symmetrical type.

It can be configured by customers:

- 1: Electric, hydraulic or diesel engine
- 2: Remote control system
- 3: Constant extension arrangement or automatic abandon and recovery system
- 4: Automatic spooling device.

**Load Capacity:** 2000-3000TEU

**Certificate:** According Customer's Requirement

**Engine Type:** Inboard

**Marine Parts:** Windlass

**Material:** Iron and Steel

**Engine:** 4 Strokes

**Use:** Ship Docking

**Type:** Commercial Vessels

## Mooring Winch

Catalogue number: W-0006

Model NO.: SM-MW



### Product Description:

Standard: ISO,GB

### Specifications:

- 1) Drive: electric / hydraulic
- 2) Configuration: single in vertical / horizontal arrangement / double gypsies in horizontal
- 3) Rope drum: Fibre or steel wire rope
- 4) Rope speed: complying with ISO requirements
- 5) Rate pull (1st layer): 10 to 150 Tonnes
- 5) Clutch: manually operated dog clutch
- 6) Brake: manually and hydraulic operated band failsafe brake
- 7) Brake Holding: 1st layer static up to 450 Tonnes or complying with ISO/ Classification Society requirement
- 8) Control: Local/ remote control
- 9) Paint: as per your specifications
- 10) Options
  - Drag brake system
  - Spooling device
  - Auto-tensioning
  - Length and Tension Monitoring Systems



## Anchor Windlass Brake Lining in Roll (330mm\*8mm\*10 Meter)

Catalogue number: W-0007



### Product Description:

Anchor windlass brake lining in roll is good wear rate, stable friction coefficient and without any pollution.

Temperature Coefficient of friction ( $\mu$ ) Wear rate (v)  $\text{cm}^3/\text{N} \cdot \text{M}$

100 0.40--0.65  $\leq 0.7 \times 10^{-7}$

150 0.35--0.65  $\leq 0.9 \times 10^{-7}$

200 0.32--0.60  $\leq 1.1 \times 10^{-7}$

Woven brake lining in roll

Color: Brown

Working conditions 200, 1.0Mpa Pressure.

Applied field widely used for braking deceleration and transmitting power of big power machineries, such as ship winch, dock crane, drilling machineries, lifting machine, building machinery etc.

### Specification:

T5~30x W500

Anchor windlass brake lining in roll is good wear rate and stable friction coefficient.

### More Product Features:

Model Size: 330mmx6mmx10M

Standard: Fmsi

Origin: China

Position: Rear

Material: Non-asbestos

Type: Brake Hose

Color: Yellow

## Vertical/Horizontal Marine Anchor Windlass/ Capstan.

Catalogue number: W-0008



### Product Description:

Available all type of Vertical Horizontal Marine Anchor Windlass Capstan, planetary reducer, capstan head, shell cover and hydraulic distributor with two way balance valves.

### Prospect:

Small volume  
Light weight  
High mechanical efficiency  
big startup torque  
Broad rotation speed range  
Perfect stability at low speed and small noise.

### Technical data:

Working load: 1- 20 ton  
Normal speed: 16-40 M/min  
Rope diameter: 10-38mm  
Pressure: 11-15 MPa  
Displacement: 620-36300 ml/rev  
Transmission ratio: 5-22.  
Engine type: Outboard  
Marine parts: Engine/Motor

## Stockless Anchor

Catalogue Number: ANC- 0001

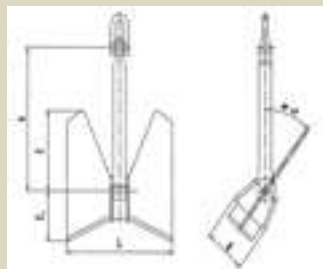


We can provide various kinds of stockless anchor for buyers according to their specification. CCS, GL, NK or RINA Certificates can be available on request.

## Stockless Anchor

Catalogue number: ANC-0002

Model: AC-14 HHP



## Stud Anchor Chain

Catalogue Number: ANCh 0003

Model NO: EB215



### Product Description:

Origin: China

Material: Mild Steel

Stud link anchor chain and stud less link anchor chain

Grade U2 and U3

Certificate: GL/CCS/RINA

Surface: Black coated, Hot galvanized or Electro galvanized

Kantar shackle, anchor shackle, Swivel fittings.

## Anchor Chain

Catalogue Number: ANCh 0004

Model NO.: EB449



### Product Description:

Origin: China

Anchor Chain

Stud link anchor chain and stud less link anchor chain

Grade U2 and U3

LR or BV or DNV or ABS certificate

Surface: Black coated, Hot galvanized or Electro galvanized

Kantar shackle, anchor shackle, Swivel fittings.

## US Type Anchor Screw Pin Shackle

Catalogue Number: ANCh 0005



Deformation Temperature: Hot Forging

Molding Style: Forging

Material: Carbon Steel

Size: 3/16"-2.1/2"

### Product Description: Shackle

1. Standard: Us type shackle G209
2. Size: 3/16"-2.1/2".
3. Material: Carbon steel
4. Surface: Self colored, hot dipped galvanized, electro galvanized
5. Packing: Gunny bags, carton box, pallet
6. Special specifications and marks can be made according to customers' requirements
7. Yours satisfaction is our first aim, if you have any matters; please feel free to contact us.

## Chain Swivels with HDG Finish

Catalogue Number: ANCh 0006

Model Number: CR-CA-1



Made of Carbon Steel

Key Specifications/Special Features:

Material: carbon steel  
Size: 1/4 to 3/4 inches  
Finish: HDG

## Pulley with Swivel Eye

**Catalogue number: ANCB 0007**

**Model Number: CR-PSESW-1**

Made of Zinc Die-cast; Single Wheel 0173Z



Key Specifications/Special Features:

Pulley

With swivel eye

Finish: NP

Material: zinc die-cast

## Anchor Shackle (G209, G210, G213, G2130, G215, G2150)

**Catalogue number: ANCH-0008**



**Product Description:**

U.S anchor shackle G209 G210 G213 G2130 G215 G2150

Working load limit permanently shown on every shackle.

Forged quenched and tempered with alloy pin

Maximum proof load is 2.2 times working load limit

Minimum ultimate load is 6 times working load limit

Size: 3/16 1/4 5/16 3/8 7/16 1/2 5/8 3/4 7/8 1 1-1/8 1-1/4 1-3/8 1-1/2 1-3/4 2 2-1/2 3 3-1/2 4

Electricity zinc galvanized and hot dip zinc galvanized

We can supply AC-14 HHP stockless anchor, the nominal weight is between 56kgs and 20000kgs. CCS, GL, NK or RINA Certificates can be available on request.



**\*\*** *If you are interested in any of our equipment's which are not listed in this catalogue please let us know we also can arrange different styles of you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

**Note:** *Please specify the product details with Model number (if any) and Catalogue number.*

## UHMWPE marine buoy

Catalogue Number: BU 0001

Model Number: CBM2100



### Product Details:

Place of Origin: China)

Brand Name: hua shuo

Color: red, green, yellow

Net weight: 1900kg

Height: 5757mm

Reserve buoyancy: 2450kg

Buoying depth: 10-80m

MATERIAL: UHMWPE

### Specifications-

UHMWPE navigation buoy

- 1, environment friendly
- 2, maintenanc free
3. impact resistance
- 4, NOQ:1unit

Material: ULTRA-HIGH MOLECULAR WEIGHT  $\geq 25,000,000$

Buoy body Diameter: 800mm, 1200mm, 1500mm, 1800mm, 2100mm, 2400mm, 3050mm, 3500mm

Color: Red, Yellow, Green, etc.

1. Maintenance Free:
  2. No need to paint, no need to maintain and repair, no need to shovel the water growth, saving work force.
  3. Higher Impact Resistance:
    - a. The material has higher flexibility and hardness, when impacted, it will not deform.
    - b. There is steel skeleton inside the floating body, with the pouring density of Polyurethane foam  $\geq 46\text{kg/m}^3$  and it plays a powerful support to the floating body.
4. Long Life
  - a. With high chemical stability and high anti corrosion, the buoy will not decompose for decades in the seawater, meanwhile, it will not pollute the water.
  - b. The floating body and tial pipe are very resistant to outdoor ultraviolet radiation. It will not be aging for decades and the mechanical properties will not change.

Model	Buoy body Diameter (mm)	Buoying depth(m)	Mini freeboard	Focal plane	Net weight	Height (mm)	Reserve buoyancy
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			(mm)	Height (mm)	(kg)		(kg)
CMB800	800	1.5-10	450	1580	195	2900	230
CMB1200	1200	2-20	510	2040	550	3380	570
CMB1500	1500	3-35	610	2740	760	4280	974
CMB1800	1800	5-70	700	3031	1748	5334	1500
CMB2100	2100	10-80	800	3518	1900	5757	2450
CMB2400	2400	10-90	960	4527	2881	6930	3950
CMB3050	3050	20-120	1114	5164	3490	7610	7646
CMB3500	3500	20-150	1240	6090	3863	8520	11380

## Ocean Marine Buoy

**Catalogue Number: BU 0002**

**Model Number: CMB**



### Product Details:

Place of Origin: Shandong  
China (Mainland)

Model Number:  
CMB1.5,1.8,2.4

Material: Ultra high  
molecular weight  
polyethylene.

### Specifications-

Marine buoy

Maintenance-free

Impact-resistant

Long life

High environmental protection

Brand Name: BUOY &  
PIPE

Color: red, yellow, green

Usage: Channel Buoy,  
Fairway Buoy, Mooring  
Buoy

Model Number: CMB

Diameter:  
1.2m,1.5m,1.8m,2.4m,3.05m...

Sea Buoy, Ocean Buoy, Marine Buoy, Navigation Buoy, Polyethylene Buoy, Light Buoy, Foam Buoy, Fairway Buoy, Beacon Buoy, Channel Buoy, Star board Hand Mark Buoy, Port Hand Mark Buoy, Lateral Buoy, Safe Water Mark Buoy, Wreck Buoy, Mooring Buoy, Aids to Navigation

CMB Marine Buoy Characteristics:

Material: ULTRA-HIGH MOLECULAR WEIGHT  $\geq 25,000,000$ , with Closed Cell Polyethylene Foam inside

Size: 800mm, 1200mm, 1500mm, 1800mm, 2100mm, 2400mm, 3050mm, 3500mm

Color: Red, Yellow and green etc.

Usage: Port Hand Mark, Starboard Hand Mark, Preferred Channel Mark, Cardinal Mark, Safe Water Mark, Isolated Danger Mark etc.

1. Maintenance Free:

no need to paint, no need to maintain and repair, no need to shovel the water growth, saving manpower and resources.

2. Higher Impact Resistance:

a. The material has higher flexibility and hardness, when impacted, it will not deform.

b. There is steel skeleton inside the floating body, with the pouring density of Polyurethane foam  $\geq 46\text{kg/m}^3$  and it plays a powerful support to the floating body.

3. Long Life

a. With high chemical stability and high anti corrosion, the buoy will not decompose for decades in the seawater; meanwhile, it will not pollute the water.

b. The floating body and tail pipe are very resistant to outdoor ultraviolet radiation. It will not be aging for decades and the mechanical properties will not change.

Technical Parameters

Model	Diameter mm	Buoying depth m	The smallest freeboard mm	Focal Height mm
CMB800	800	1.5-10	310	1100
CMB1200	1200	3-15	350	1900
CMB1500-STP	1500	5-25	380	2554
CMB1500-LTP	1500	10-60	440	2526
CMB1500-LLTP	1500	10-80	480	2768
CMB1800-STP	1800	10-40	500	2934
CMB1800-LTP	1800	10-70	560	3073
CMB1800-LLTP	1800	10-100	600	3135
CMB2100-STP	2100	15-40	560	3352
CMB2100-LTP	2100	15-60	660	3575
CMB2100-LLTP	2100	15-100	720	3708
CMB2400-STP	2400	20-70	600	4632
CMB2400-LTP	2400	20-100	660	4770
CMB2400-LLTP	2400	20-150	720	4907

CMB3050-STP	3050	20-84	600	6023
CMB3050-LTP	3050	20-120	660	6160
CMB3050-LLTP	3050	20-150	720	6296
CMB3500-LLTP	3500	20-150	960	7010

## Marine buoy

**Catalogue Number: BU 0003**

**Model Number: HNF800MM**



### Product Details

Place of Origin: China Brand Name: Yaoxing Model Number: HNF800MM

Color: red

### Specifications-

Long life and maintenance free.

100% no pollution for the seawater environment!

Long life and maintenance free!

100% no pollution for the seawater environment!

The service is also the best!

800X2.jpg800X3.jpg800X5.jpg800X6.jpg

(Type)	HBF 0.6	HBF1.0	HBF1.2	HBF1.5	HBF1.8	HBF2.4	HBF3.0
(Specification)							
(diameter/mm) 600	1000	1200	1500	1800	2400	3000	
(Body height/mm)	1900	2600	3000	4000	5000	6600	7500
(Freeboard/mm)	500	500	600	700	800	1000	1000
(Focal plane height/mm)		1300	1800	2000	2800	3300	4500 4800

(Main Body weight/kg)	45	90	240	360	900	1600	2700
(Modulator)	90 Navigation Light		155 Navigation Light				
(Power Source)	Storage Battery Solar Battery/Zinc-Air Battery						
(Optical Distance/nm)	>4	>4	>4	>4	>6	>6	>6
(Throw Depth/m)	2 to 10	2 to 10	3 to 20	3 to 20	5 to 40	5 to 40	13 to 60

## UHMWPE marine buoy

**Catalogue Number: BU 0004**

**Model Number: CBM2100**



### Product Details:

Place of Origin: China

Brand Name: hua shuo

Model Number: CBM2100

Color: red, green, yellow

net weight: 1900kg

height: 5757mm

Reserve buoyancy: 2450kg

buoying depth: 10-80m

MATERIAL: UHMWPE

### Specifications-

UHMWPE navigation buoy

- 1, environment friendly
- 2, maintenance free
- 3, impact resistance

Material: ULTRA-HIGH MOLECULAR WEIGHT  $\geq 25,000,000$

Buoy body Diameter: 800mm, 1200mm, 1500mm, 1800mm, 2100mm, 2400mm, 3050mm, 3500mm

Color: Red, Yellow and Green etc.

1. Maintenance Free:
  2. No need to paint, no need to maintain and repair, no need to shovel the water growth, saving workers and resources.
  3. Higher Impact Resistance:
    - a. The material has higher flexibility and hardness, when impacted, it will not deform.
    - b. There is steel skeleton inside the floating body, with the pouring density of Polyurethane foam  $\geq 46\text{kg/m}^3$  and it plays a powerful support to the floating body.
4. Long Life
  - a. With high chemical stability and high anti corrosion, the buoy will not decompose for decades in the seawater, meanwhile, it will not pollute the water.

b. The floating body and tial pipe are very resistant to outdoor ultraviolet radiation. It will not be aging for decades and the mechanical properties will not change.

Model	Buoy body Diameter (mm)	Buoying depth(m)	Mini freeboard (mm)	Focal plane Height (mm)	Net weight (kg)	Height (mm)	Reserve buoyancy (kg)
CMB800	800	1.5-10	450	1580	195	2900	230
CMB1200	1200	2-20	510	2040	550	3380	570
CMB1500	1500	3-35	610	2740	760	4280	974
CMB1800	1800	5-70	700	3031	1748	5334	1500
CMB2100	2100	10-80	800	3518	1900	5757	2450
CMB2400	2400	10-90	960	4527	2881	6930	3950
CMB3050	3050	20-120	1114	5164	3490	7610	7646
CMB3500	3500	20-150	1240	6090	3863	8520	11380

## UHMWPE Marine Buoy

Catalogue Number: BU 0005

Model Number: CMB800-CMB3400



### Product Details:

Place of Origin: China

Brand Name: Huatian

Model Number: CMB800-CMB3400

Color: red, yellow, green

Diameter:  
1.2m,1.5m,1.8m,2.4m,3.05m...

### Specifications-

Marine/navigation buoy

Maintenance-free

Impact-resistant

Long life

High environmental protection

The innovations of uhmwpe marine/navigation buoy

Maintenance-free: performance in four points

1 The color is materials' own color. There is no need of painting in ten years, saving in work force and resources

2 Caudal pipe has no conglutination. Any aquatic cannot conglutinate floating body's caudal pipe, saving work force and substance of shoveling aquatic beings.

3 The buoy can resist impact

4 The sink-hammer is confined to the caudal pipe, avoiding Water erosion.

Impact-resistant

1 Floating-body material has a higher degree of flexibility and hardness.( CMB floating-body material's Rockwell hardness is 40, Standard Steel Materials' Rockwell hardness is 45),when impacted by external power, it can absorb the energy rapidly and restore the prototype

2 The buoy has lightweight, small inertia.

3 Floating-body is flexible and strong, anti-tension, and very difficult to tear.

4 Floating body has strong internal flexible steel skeleton, polyurethane foam's pouring density $\geq 46\text{kg/m}^3$ .

5-lamp bracket eliminates the traditional angle by 6mm and 8mm thick steel plate Q235 stamping manufacturers. We have done many improvements in line with GB on basic, its security, anti-impact ability, life expectancy have a substantial increase

6 Floating body and the connecting pipe joint as a whole through the electric welding, lamp bracket Connects the connecting pipe with 8316L-M20 stainless steel bolt (Each bolt's shear force is 78KN, tensile yield stress 52KN), Strong enough to resist any impact force.

7 Lamp safe guard ring eliminates the traditional steel tube bending by 30mm thick plate to replace, with steel bracket to support.

Long life

1 The buoy's molecular weight is 2,500,000 or more, and very resistant to outdoor ultraviolet radiation. It will not be aging for several decades with mechanical properties any change.

2 Lamp bracket do a phosphate treatment and paint four times. Lamps stent can be used for more than 20 years (once every two years, painting).

3 Because hanging ears adopt the special structure, its ears hanging alone limit load up to 60 tons.

High environmental protection

## **Marine Buoy**

**Catalogue Number: BU 0006**

**Model Number: HBF0.6**



#### Product Details:

Place of Origin: China

Brand Name: yaoxing

Model Number: HBF0.6

Color: optional

Material: FRP Skin

Filled: Polyurethane Closed-cell Foam

#### Specifications-

Marine Buoy

1. Diameter: 600mm
2. Body height: 1900mm
3. Freeboard: 500mm
4. Focal plane: 1300mm

## Marine Buoy

**Catalogue Number: BU 0007**

**Model Number:**

The item made by polyuria materials with resilient closed cell polyethylene foam fill up and stainless steel skeleton

#### Features

- 1> The buoy made by new materials, Easy assembly, Light weighty, Convenient transportation and apply in sea or river.
- 2> The main body is made by FRP or SPUA materials with Resilient closed cell polyethylene foam fill up. The new material has a better ability in Anti-collision and Sustainable resistance to crashing and not damaged. It also has a better ability in buoyance.
- 3> The buoy made by the new material will be good in resisting corrosion, High temperature, Strong sunlight, Marine life.
- 4> The most important is maintenance free for this type of new material buoy.



## UHMW PE marine Buoy

**Catalogue Number: BU 0008**

**Model Number:**



### **Product Details:**

Place of Origin: China, Material: UHMWPE

### **Specifications-**

The innovations of CMB plastic buoy

Maintenance-free

Impact-resistant

Long life

High environmental protection

Material: ULTRA-HIGH MOLECULAR WEIGHT  $\geq 25,000,000$

Size 800mm, 1200mm, 1500mm, 1800mm, 2100mm, 2400mm, 3050mm, 3500mm

Color: Red, Yellow, Green, etc.

#### 1. Maintenance Free:

no need to paint, no need to maintain and repair, no need to shovel the water growth, saving manpower and resources.



## 2. Higher Impact Resistance:

- a. The material has higher flexibility and hardness, when impacted, it will not deform.
- b. There is steel skeleton inside the floating body, with the pouring density of Polyurethane foam  $\geq 46\text{kg/m}^3$  and it plays a powerful support to the floating body.

## 3. Long Life

- a. With high chemical stability and high anti corrosion, the buoy will not decompose for decades in the seawater, meanwhile, it will not pollute the water.
- b. The floating body and tail pipe are very resistant to outdoor ultraviolet radiation. It will not be aging for decades and the mechanical properties will not change.

### Technical Parameters

Model	Diameter mm	Buoying depth m	Mini freeboard mm	Focal Height mm
CMB800	800	1.5-10	310	1100
CMB1200	1200	3-15	350	1900
CMB1500-STP	1500	5-25	380	2554
CMB1500-LTP	1500	10-60	440	2526
CMB1500-LLTP	1500	10-80	480	2768
CMB1800-STP	1800	10-40	500	2934
CMB1800-LTP	1800	10-70	560	3073
CMB1800-LLTP	1800	10-100	600	3135
CMB2100-STP	2100	15-40	560	3352
CMB2100-LTP	2100	15-60	660	3575
CMB2100-LLTP	2100	15-100	720	3708
CMB2400-STP	2400	20-70	600	4632
CMB2400-LTP	2400	20-100	660	4770
CMB2400-LLTP	2400	20-150	720	4907
CMB3050-STP	3050	20-84	600	6023
CMB3050-LTP	3050	20-120	660	6160
CMB3050-LLTP	3050	20-150	720	6296
CMB3500-LLTP	3500	20-150	960	7010

## Crash proof Maintenance free UHMW PE Marine Buoy

Catalogue Number: BU 0009

Model Number: CMB800-CMB3050



### Product Details:

Place of Origin: China

Brand Name: Buoy & Pipe

Model Number: CMB800-  
CMB3050

Color: red, yellow, green

Diameter:  
1.2m,1.5m,1.8m,2.4m,3.05m...

### Specifications-

Maintenance-free

Impact-resistant

Long life

High environmental protection

Crash proof Maintenance free UHMW PE marine Buoy

The innovations of Crash proof Maintenance free UHMW PE marine Buoy

Maintenance-free: performance in four points

1 The color is materials' own color. There is no need of painting in ten years, saving in work force and resources

2 Caudal pipe has no conglutination. Any aquatic cannot conglutinate floating body's caudal pipe, saving work force and substance of shoveling aquatic beings.

3 The buoy can resist impact

4 The sink-hammer is confined to the caudal pipe, avoiding Water erosion.

Impact-resistant

1 Floating-body material has a higher degree of flexibility and hardness.( CMB floating-body material's Rockwell hardness is 40, Standard Steel Materials' Rockwell hardness is 45),when impacted by external power, it can absorb the energy rapidly and restore the prototype

2 The buoy has lightweight, small inertia.

3 Floating-body is flexible and strong, anti-tension, and very difficult to tear.

4 Floating body has strong internal flexible steel skeleton, polyurethane foam's pouring density  $\geq 46\text{kg/m}^3$ .

5-Lamp bracket eliminates the traditional angle by 6mm and 8mm thick steel plate Q235 stamping manufacturers. We have done many improvements in line with GB on basic, its security, anti-impact ability, life expectancy have a substantial increase

6 Floating body and the connecting pipe joint as a whole through the electric welding, lamp bracket Connects the connecting pipe with 8316L-M20 stainless steel bolt (Each bolt's shear force is 78KN, tensile yield stress 52KN), Strong enough to resist any impact force.

7 Lamp safe guard ring laminates the traditional steel tube bending by 30mm thick UHMWPE plate to replace, with steel bracket to support.

Long life

1 The buoy's molecular weight is 2,500,000 or more, and very resistant to outdoor ultraviolet radiation. It will not be aging for several decades with mechanical properties any change.

2 Lamp bracket do a phosphate treatment and paint four times. Lamps stent can be used for more than 20 years (once every two years, painting).

3 Because hanging ears adopt the special structure, its ears hanging alone limit load up to 60 tons.

High environmental protection

1The buoy is all made of UHMWPE materials.

## Marine Buoy

**Catalogue Number: BU 0010**

**Model Number: HBF0.6**



### Product Details:

Place of Origin: China

Color: optional

Brand Name: yaoxing

Material: FRP Skin

Model Number: HBF0.6

Filled: Polyurethane Closed-cell

Foam

Diameter: 600mm

**Specifications-**

Marine Buoy

- 1.Diameter:600mm
- 2.Body height: 1900mm
- 3.Freeboard:500mm
- 4.Focal plane:1300mm

**Light buoy**

**Catalogue Number: BU 0011**

**Model Number:**



**Product Details:**

Place of Origin: China

Brand Name: Yaoxing

color: green

**Specifications-**

Long life and maintenance free.

100% no pollution for the seawater environment!

(Type)	HBF 0.6	HBF1.0	HBF1.2	HBF1.5	HBF1.8	HBF2.4	HBF3.0
(Specification)							
(diameter/mm)	600	1000	1200	1500	1800	2400	3000

(Body height/mm)	1900	2600	3000	4000	5000	6600	7500
(Freeboard/mm)	500	500	600	700	800	1000	1000
(Focal plane height/mm)	1300	1800	2000	2800	3300	4500	4800
(Main Body weight/kg)	45	90	240	360	900	1600	2700
(Modulator)	90 Navigation Light		155 Navigation Light				
(Power Source)	<b>Storage Battery</b>		<b>Solar Battery/Zinc-Air Battery</b>				
(Optical Distance/nm)	>4	>4	>4	>4	>6	>6	>6
(Throw Depth/m)	2 to 10	2 to 10	3 to 20	3 to 20	5 to 40	5 to 40	13 to 60

## Steel navigation buoy

**Catalogue Number: BU 0012**

**Model Number: CBM2100**



### Product Details:

Place of Origin: China

Color: red, green, yeallow

reserve buoyancy: 2450kg

Brand Name: hua shuo

net weight: 1900kg

buoying depth: 10-80m

Model Number: CBM2100

height: 5757mm

MATERIAL: UHMWPE

### Specifications-

UHMWPE navigation buoys

1. Environment friendly
2. Maintenance free
3. Impact resistance

Material: ULTRA-HIGH MOLECULAR WEIGHT  $\geq 25,000,000$

Buoy body Diameter: 800mm, 1200mm, 1500mm, 1800mm,2100mm,2400mm,3050mm,3500mm

Color: Red, Yellow, Green, etc.

1. Maintenance Free:
2. No need to paint, no need to maintain and repair, no need to shovel the water growth, saving work force and resources.
3. Higher Impact Resistance:

a. The material has higher flexibility and hardness, when impacted, it will not deform.

b. There is steel skeleton inside the floating body, with the pouring density of Polyurethane foam  $\geq 46\text{kg/m}^3$  and it plays a powerful support to the floating body.

#### 4. Long Life

a. With high chemical stability and high anti corrosion, the buoy will not decompose for decades in the seawater, meanwhile, it will not pollute the water.

b. The floating body and tail pipe are very resistant to outdoor ultraviolet radiation. It will not be aging for decades and the mechanical properties will not change.

Model	Buoy body Diameter (mm)	Buoying depth(m)	Mini freeboard (mm)	Focal plane Height (mm)	Net weight (kg)	Height (mm)	Reserve buoyancy (kg)
CMB800	800	1.5-10	450	1580	195	2900	230
CMB1200	1200	2-20	510	2040	550	3380	570
CMB1500	1500	3-35	610	2740	760	4280	974
CMB1800	1800	5-70	700	3031	1748	5334	1500
CMB2100	2100	10-80	800	3518	1900	5757	2450
CMB2400	2400	10-90	960	4527	2881	6930	3950
CMB3050	3050	20-120	1114	5164	3490	7610	7646
CMB3500	3500	20-150	1240	6090	3863	8520	11380

## FRP Light Buoy

Catalogue Number: BU 0013

Model Number: HBF1.8



### Product Details:

Place of Origin: China

Brand Name: Yaoxing

Model Number: HBF1.8

Color: As per IALA

Recommendation

Specifications

Long life and maintenance free!

100% no pollution for the seawater environment!

YX-HBF1.8 Light Buoy is a long-range buoy designed ideal for use in open seas, channels and harbors, etc.

With the best quality, YX-HBF1.8 can ensure more than 10 years lifespan in normal environment.

### Features:

1. 1.8 mtr. diameter
2. Able to be transported globally in a standard shipping container.
3. High visibility red, green, white or yellow as per IALA recommendations.
4. Excellent buoyancy & stability
5. Easy to deploy and service
6. No painting ever
7. Faster, easier to assemble
8. Lower cost & environmentally friendly

**Specifications:**

Construction :Fiber Reinforced Plastic Skin

Foam Filling :Polyethylene Foam

Diameter:1800mm

Total height:4950mm

Air Weight:900kg

Nominal Focal Plane Height:3050mm

Nominal Freeboard:750mm

Nominal Draft:1980mm

Visual Area: 2.7m<sup>2</sup>

Color: As specified

Maximum Mooring Load:1000kg

**Certification:**

Quality Assurance: ISO9001:2008

## Solar LED buoy lantern

**Catalogue Number: BUL 0014**

**Model Number: DWS302**

**Product Details:**

Place of Origin: China

Brand Name: HAN

Model Number: DWS302

Part: ship lighting

lighting source: super bright LED

color:: red, white, green, yellow, blue

Package: inner box:17\*17\*17cm;6pcs

material: PC Lens

Application: marine floating signs, waterfront



## Specifications

Solar powered LED light installed on ships, boats, yacht and all kinds of buoys,

- 1) Nominal night visibility:2km-5.5km
- 2) Turn on at dusk and turn off at dawn automatically.
- 3) Completely self-contained, no cables, no people management.
- 4) Waterproof and shock resistant
- 5) Nearly recharge themselves at nearly all kinds of conditions.
- 6) Autonomy time: steady on model: 70 hours; flashing model: 140hours.
- 7) Battery type: Ni-Mh, 5000mah.2.4v
- 8 ) Solar panel: mono crystalline 1.1w

## APPLICATION

- 1) MARINE AIDS TO NAVIGATION
- 2) OIL AND GAS OFFSHORE PLATFORM MARKING
- 3) PORT LIGHTING
- 4) MARINE LIGHTING
- 5) DOCK LIGHTING
- 6) Solar powered LED-flashing light on buoys and all kinds of ships.
- 7). Marine floating signs, waterfront safety lighting, mooring and researching buoys, private docks and boat houses swimming rafts and so on

## Other products



Solar navigation signal light Solar LED beacon

## Solar marine light

Catalogue Number: BUL 0015



### Product Details:

Type: light

Material: PC

Size: DIAMETER:165MM,HEIGHT:170MM

CERTIFICATION: ISO, CE,  
IALA

BATTERY TYPE: Ni-Mh  
battery

LIGHTING SOURCE: 16 super bright LEDs

COLOR: red, white, green,  
yellow, blue

### Specifications-

Solar powered LED marker light can be installed on buoys, boats, fish farm. No people management. Easy installment, flashing

Solar Powered LED Flashing Light as marker for fish farming, dock, and fishery, aquaculture use

Will recharge themselves under sun at nearly harshest conditions.

Turn on at dusk and turn off at dawn automatically.

Autonomy time: 140hours.

Waterproof resistant: IP68

Shock resistant

Features super bright 16LEDs with red, white, green yellow blue and with the-five-color housing.

Nominal night range (visibility): 3N.M(+5.5KM)

### SPECIFICATION

1).Nominal night visibility: 2km-5.5km

- 2) Turn on at dusk and turn off at dawn automatically.
- 3) Completely self-contained, no cables, no people management.
- 4) Waterproof and shock resistant
- 5) Nearly recharge themselves at nearly all kinds of conditions.
- 6) Autonomy time: steady on model: 70 hours; flashing model: 140 hours.
- 7) Battery type: Ni-Mh, 5000mah. 2.4v
- 8) Solar panel: mono crystalline 1.1W

**APPLICATION**

- 1) MARINE AIDS TO NAVIGATION
- 2) OIL AND GAS OFFSHORE PLATFORM MARKING
- 3) PORT LIGHTING
- 4) MARINA LIGHTING
- 5) DOCK LIGHTING

**\*\*** *If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles if you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

**Note:** *Please specify the product details with Model number (if any) and Catalogue number.*

# Sacrificial Anode

Catalogue number: CP-0001



## Product Description:

This product is cathodes protection acceptable for installations in the seawater, sea mud and soil, such as ship, mechanical equipment, ocean engineering, seaport installation, piping and cable etc.

Zn-Al-CD: Al0.3-0.6% CD0.05-0.12% Fe0.005% Cu0.005% Pb0.006% Si0.125% Zn the rest

AZI-CD: Zn2.5-4.5% In0.018-0.05% CD0.005-0.020% Al the rest

AZI-Sn: Zn2.2-5.2% In0.02-0.045% Sn0.018-0.035% Al the rest

AZI-Si: Zn5.5-7.0% In0.025-0.035% SL0.10-0.15% Al the rest

AZI-SnMg: Zn2.5-4.0% In0.02-0.05% Sn0.025-0.075% Mg0.5-1.0% Al the rest

# Marine Growth Prevention Equipment

Catalogue number: CP-0002

Model Number: SLT-03A



## Product Details:

Origin: China

Machine Type: electric cleaning machine

Cleaning Type: electric, Cleaning Process: water, Use: Keep your ship safe

Industry Used: marine, Fuel: Electric, Material: Metal / Coil

Feature: Non-Toxic, Certification: CCS/ GL /RINA, Function: Ship protector

## Specifications

Marine growth prevention equipment

- 1.material: Cu-Al/Fe
- 2.certificate: CCS, GL, etc
3. Low cost

## Marine growth prevention equipment

### Marine growth leads to the following problems:

Serious biological corrosion to pipeline facilities

Value of ser chest cannot close completely because of the overgrowing of the marine growth, which will lead to heavy safety problem.

Cooling & circulating system and engines must be repaired or overhauled at regular intervals with lots of time and money involved.

Enormous financial resources and energy are inevitable for ships with no marine growth prevention system to remove marine growth at regular termination unscheduled.

Fuel cost considerably increases as a result of low heat exchange rate caused by marine growth blocking seawater inlet, pipeline, filter and cooler.

### The merits of the device:

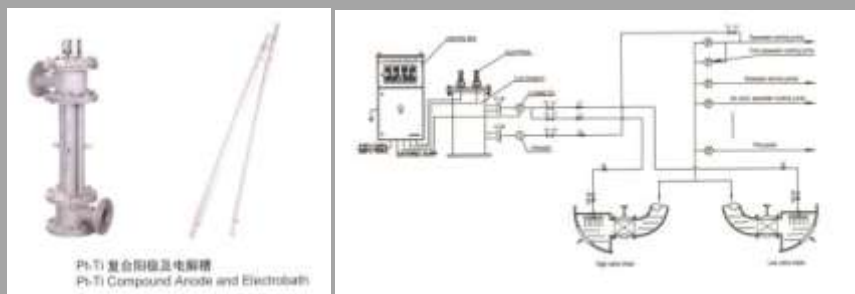
The electrolyte can be obtained directly from seawater and is to be reduced into seawater finally. This solution has advantages such as little pollution, long electrode lifetime (universally 5years), unlimited for the electrode replacement even during the dock period, but regular maintenances needed to clean electrolyte such as magnesium hydroxide.

### Function:

Directory electrolyzes seawater to generate hypochlorite ion, which can efficiently kill the marine growth and ensure the flow inside the seawater pipeline.

### Application:

Marine ships with different tonnage, ports and seawater power plants.



## Marine Sacrificial Anode

Catalogue number: CP-0003



### Product Description:

The products are applicable to the prevention of corrosion of yacht motor engine, marine engine circulating water system, sea boat, ballast water tank, ocean engineering, drilling platform, etc.

Our company may provide consulting and corrosion testing of cathode protection, we can provide high-quality services for you.

This sacrificial anode is made of high purity aluminum, zinc, indium, etc. Our production is in compliance with ISO9001 Quality Control System of QMI. Our products conform to GB/T4950-2002, GB/T4948-2002, U. S. MIL-A-18001K and MIL-A-24779(SH).

We can provide DNV, CCS, BV, GL and LR certificates. We supply various sacrificial anodes to satisfy different demands of cathode protection.

# ICCP System

Catalogue number: C-000



## Product Description

### Principle:

To immerse the hull in sea water will cause corrosion. ICCP will protect metal's hull from corrosion with applying protective current on it. The more the current is, the more the electrons will be accumulated on cathode's surface. When the potential is negative to a certain value, the metal surface will be equipotential, and then the hull will be protected from corrosion.

### Process:

The whole ICCP system consists of Electric cabinet, auxiliary anode, conference cell, dielectric shield, rudder and propeller stock grounding. ICCP protects the hull with direct current through auxiliary anode installed on it.

### Features:

Large scale of protection, it can cover the hull fully under the sea water.

Measure the hull potential constantly, and adjust the released current to reach the best protection effect.

High stability and long working life.

### Advantages:

Use silicon-controlled rectifier with integrated circuit module, improve the stability and reliability of equipment's.

Use titanium as auxiliary anode, which can release high current with low consumption and can preserve a long working life.

Dielectric Shield is epoxy coating which has the best electrical resistance, strong adhesion, good insulation, and can release the protective current to the farther hull averagely.

### Technology Parameters:

Input power: Tri phase AC 380V/50Hz

Output power: 0-24V/0-300A

*\*\* If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

*Note: Please specify the product details with Model number (if any) and Catalogue number.*

# Air Compressor (Water-cooled)

Catalogue Number: AirCm 0001



Origin: Korea (South)

## Description:

BV series are two stage single acting 90°-V or 60°-W water-cooled machines which meet 30bar max pressure.

These series compressors are designed for engine room duties including main engine starting, topping up, control air and general service air.

## Feature:

Low installation costs

Lightweight and compact design

Low running costs by long maintenance interval

Fresh and sea water cooling, optionally fitted with water circulation pump

Low vibration level by lightweight piston and stroke

Min and max air ambient temperatures are 0°C ~ 55°C

## Specification:

### Water-cooled air compressor

Model	Maximum Pressure (bar)	No. of Stages	Speed (rpm)	Free air delivery (m <sup>3</sup> /hr)	Required Power (kW)	Dimensions L×W×H (mm)
BHH-75	350	4	1150	53.0	19.2	1100×900×980
			1450	64.0	23.2	1100×900×980
			1750	80.0	28.0	1100×900×980
BHH-120	350	4	1150	80.0	28.0	1260×900×980



			1450	100.0	34.5	1260×900×980
			1750	120.0	40.6	1260×900×980
BHH-175	350	4	1150	110.0	34.7	1480×920×1020
			1450	140.0	44.5	1480×920×1020
			1750	160.0	50.5	1480×920×1020
BHH-240	350	4	1150	160.0	50.0	1550×920×1020
			1450	200.0	63.0	1550×920×1020
			1750	240.0	77.0	1550×920×1020

### High pressure air-cooled air compressor

Model	Maximum Pressure (bar)	No. of Stages	No. of Cylinders	Speed (rpm)	Free air delivery (m <sup>3</sup> /hr)	Required Power (kW)	C.W Required (liter/min)	Dimensions L×W×H (mm)
BV-20	30	2	2	1170	15	3.5	4.4	800×580×600
				1470	18	4.1	5.5	800×580×600
				1770	22	4.9	6.6	800×580×600
BV-30	30	2	2	1170	22	5.1	6.6	800×580×600
				1470	28	6.2	8.0	800×580×600
				1770	33	7.2	9.5	800×580×600
BV-60	30	2	3	1170	42	9.3	13	1050×630×770
				1470	52	11.7	16	1050×630×770
				1770	62	14.1	19	1050×630×770
BV-90	30	2	2	1170	60	12.0	17	1180×950×800
				1470	75	15.1	21	1180×950×800
				1770	90	18.2	25	1180×950×800
BV-120	30	2	2	1170	88	17.1	23	1220×950×800
				1470	110	22.1	30	1220×950×800
				1770	132	27.4	37	1220×950×800
BV-180	30	2	2	1170	115	22.4	31	1300×995×885
				1470	145	29.0	39	1300×995×885
				1770	175	35.9	49	1300×995×885
BV-225	30	2	2	1170	150	29.2	40	1350×995×885
				1470	190	36.9	50	1350×995×885
				1770	230	44.7	60	1350×995×885
BV-	30	2	2	1170	185	34.8	47	1350×1010×890

275				1470	235	44.0	59	1350×1010×890
				1770	280	53.3	72	1350×1010×890
BV-450	30	2	3	1170	300	55.9	75	1535×1180×1080
				1470	375	70.8	95	1535×1180×1080
				1770	450	85.8	115	1535×1180×1080
BV-550	30	2	3	1170	370	66.7	90	1535×1180×1080
				1470	465	84.4	114	1535×1180×1080
				1770	550	102.3	138	1535×1180×1080

### Application:

Usage : Diesel engine starting, Gas turbine starting, Pneumatic pressure test.

Applicant : Commercial ships, Naval ships, Submarines,  
offshore rigs, Nuclear power stations, Diesel power  
stations, GIS sub-stations, Gas turbine power  
stations, Gas boost plants, PET bottle  
manufacturing plants, Breathing air systems.

## Air Compressor

Catalogue Number: AirCm 0002

Model Number: 2xCWM-3.2/40



### Product Details:

Country of Origin: China

Air Compressor for Blow Molding Machines, Exhausting 3.2m<sup>3</sup>/Minute, 4Mpa Pressure

### Key Specifications/Special Features:

- Power: 2 x 18.5kW
- Speed: 800r/minute
- Exhausting: 3.2m<sup>3</sup>/minute
- Working pressure: 4Mpa
- Dimension: 2,550 x 1,550 x 1,600mm
- Weight: 1,280kg

# Sacrificial Anode

Catalogue number: CP-0001



## Product Description:

This product is cathodes protection acceptable for installations in the seawater, sea mud and soil, such as ship, mechanical equipment, ocean engineering, seaport installation, piping and cable etc.

Zn-Al-CD: Al0.3-0.6% CD0.05-0.12% Fe0.005% Cu0.005% Pb0.006% Si0.125% Zn the rest

AZI-CD: Zn2.5-4.5% In0.018-0.05% CD0.005-0.020% Al the rest

AZI-Sn: Zn2.2-5.2% In0.02-0.045% Sn0.018-0.035% Al the rest

AZI-Si: Zn5.5-7.0% In0.025-0.035% SL0.10-0.15% Al the rest

AZI-SnMg: Zn2.5-4.0% In0.02-0.05% Sn0.025-0.075% Mg0.5-1.0% Al the rest

# Marine Growth Prevention Equipment

Catalogue number: CP-0002

Model Number: SLT-03A



## Product Details:

Origin: China

Machine Type: electric cleaning machine

Cleaning Type: electric, Cleaning Process: water, Use: Keep your ship safe

Industry Used: marine, Fuel: Electric, Material: Metal / Coil

Feature: Non-Toxic, Certification: CCS/ GL /RINA, Function: Ship protector

## Specifications

Marine growth prevention equipment

- 1.material: Cu-Al/Fe
- 2.certificate: CCS, GL, etc
3. Low cost

## Marine growth prevention equipment

### Marine growth leads to the following problems:

Serious biological corrosion to pipeline facilities

Value of ser chest cannot close completely because of the overgrowing of the marine growth, which will lead to heavy safety problem.

Cooling & circulating system and engines must be repaired or overhauled at regular intervals with lots of time and money involved.

Enormous financial resources and energy are inevitable for ships with no marine growth prevention system to remove marine growth at regular termination unscheduled.

Fuel cost considerably increases as a result of low heat exchange rate caused by marine growth blocking seawater inlet, pipeline, filter and cooler.

### The merits of the device:

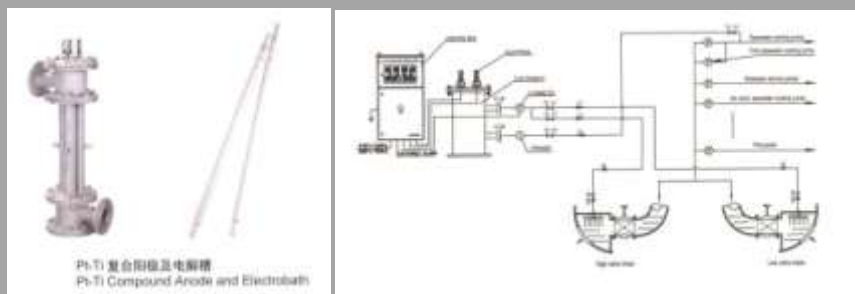
The electrolyte can be obtained directly from seawater and is to be reduced into seawater finally. This solution has advantages such as little pollution, long electrode lifetime (universally 5years), unlimited for the electrode replacement even during the dock period, but regular maintenances needed to clean electrolyte such as magnesium hydroxide.

### Function:

Directory electrolyzes seawater to generate hypochlorite ion, which can efficiently kill the marine growth and ensure the flow inside the seawater pipeline.

### Application:

Marine ships with different tonnage, ports and seawater power plants.



## Marine Sacrificial Anode

Catalogue number: CP-0003



### Product Description:

The products are applicable to the prevention of corrosion of yacht motor engine, marine engine circulating water system, sea boat, ballast water tank, ocean engineering, drilling platform, etc.

Our company may provide consulting and corrosion testing of cathode protection, we can provide high-quality services for you.

This sacrificial anode is made of high purity aluminum, zinc, indium, etc. Our production is in compliance with ISO9001 Quality Control System of QMI. Our products conform to GB/T4950-2002, GB/T4948-2002, U. S. MIL-A-18001K and MIL-A-24779(SH).

We can provide DNV, CCS, BV, GL and LR certificates. We supply various sacrificial anodes to satisfy different demands of cathode protection.

# ICCP System

Catalogue number: C-000



## Product Description

### Principle:

To immerse the hull in sea water will cause corrosion. ICCP will protect metal's hull from corrosion with applying protective current on it. The more the current is, the more the electrons will be accumulated on cathode's surface. When the potential is negative to a certain value, the metal surface will be equipotential, and then the hull will be protected from corrosion.

### Process:

The whole ICCP system consists of Electric cabinet, auxiliary anode, conference cell, dielectric shield, rudder and propeller stock grounding. ICCP protects the hull with direct current through auxiliary anode installed on it.

### Features:

Large scale of protection, it can cover the hull fully under the sea water.

Measure the hull potential constantly, and adjust the released current to reach the best protection effect.

High stability and long working life.

### Advantages:

Use silicon-controlled rectifier with integrated circuit module, improve the stability and reliability of equipment's.

Use titanium as auxiliary anode, which can release high current with low consumption and can preserve a long working life.

Dielectric Shield is epoxy coating which has the best electrical resistance, strong adhesion, good insulation, and can release the protective current to the farther hull averagely.

### Technology Parameters:

Input power: Tri phase AC 380V/50Hz

Output power: 0-24V/0-300A

*\*\* If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

*Note: Please specify the product details with Model number (if any) and Catalogue number.*

# Air Compressor (Water-cooled)

Catalogue Number: AirCm 0001



Origin: Korea (South)

## Description:

BV series are two stage single acting 90°-V or 60°-W water-cooled machines which meet 30bar max pressure.

These series compressors are designed for engine room duties including main engine starting, topping up, control air and general service air.

## Feature:

Low installation costs

Lightweight and compact design

Low running costs by long maintenance interval

Fresh and sea water cooling, optionally fitted with water circulation pump

Low vibration level by lightweight piston and stroke

Min and max air ambient temperatures are 0°C ~ 55°C

## Specification:

### Water-cooled air compressor

Model	Maximum Pressure (bar)	No. of Stages	Speed (rpm)	Free air delivery (m <sup>3</sup> /hr)	Required Power (kW)	Dimensions L×W×H (mm)
BHH-75	350	4	1150	53.0	19.2	1100×900×980
			1450	64.0	23.2	1100×900×980
			1750	80.0	28.0	1100×900×980
BHH-120	350	4	1150	80.0	28.0	1260×900×980

			1450	100.0	34.5	1260×900×980
			1750	120.0	40.6	1260×900×980
BHH-175	350	4	1150	110.0	34.7	1480×920×1020
			1450	140.0	44.5	1480×920×1020
			1750	160.0	50.5	1480×920×1020
BHH-240	350	4	1150	160.0	50.0	1550×920×1020
			1450	200.0	63.0	1550×920×1020
			1750	240.0	77.0	1550×920×1020

### High pressure air-cooled air compressor

Model	Maximum Pressure (bar)	No. of Stages	No. of Cylinders	Speed (rpm)	Free air delivery (m <sup>3</sup> /hr)	Required Power (kW)	C.W Required (liter/min)	Dimensions L×W×H (mm)
BV-20	30	2	2	1170	15	3.5	4.4	800×580×600
				1470	18	4.1	5.5	800×580×600
				1770	22	4.9	6.6	800×580×600
BV-30	30	2	2	1170	22	5.1	6.6	800×580×600
				1470	28	6.2	8.0	800×580×600
				1770	33	7.2	9.5	800×580×600
BV-60	30	2	3	1170	42	9.3	13	1050×630×770
				1470	52	11.7	16	1050×630×770
				1770	62	14.1	19	1050×630×770
BV-90	30	2	2	1170	60	12.0	17	1180×950×800
				1470	75	15.1	21	1180×950×800
				1770	90	18.2	25	1180×950×800
BV-120	30	2	2	1170	88	17.1	23	1220×950×800
				1470	110	22.1	30	1220×950×800
				1770	132	27.4	37	1220×950×800
BV-180	30	2	2	1170	115	22.4	31	1300×995×885
				1470	145	29.0	39	1300×995×885
				1770	175	35.9	49	1300×995×885
BV-225	30	2	2	1170	150	29.2	40	1350×995×885
				1470	190	36.9	50	1350×995×885
				1770	230	44.7	60	1350×995×885
BV-	30	2	2	1170	185	34.8	47	1350×1010×890



275				1470	235	44.0	59	1350×1010×890
				1770	280	53.3	72	1350×1010×890
BV-450	30	2	3	1170	300	55.9	75	1535×1180×1080
				1470	375	70.8	95	1535×1180×1080
				1770	450	85.8	115	1535×1180×1080
BV-550	30	2	3	1170	370	66.7	90	1535×1180×1080
				1470	465	84.4	114	1535×1180×1080
				1770	550	102.3	138	1535×1180×1080

### Application:

Usage : Diesel engine starting, Gas turbine starting, Pneumatic pressure test.

Applicant : Commercial ships, Naval ships, Submarines,  
 offshore rigs, Nuclear power stations, Diesel power  
 stations, GIS sub-stations, Gas turbine power  
 stations, Gas boost plants, PET bottle  
 manufacturing plants, Breathing air systems.

## Air Compressor

Catalogue Number: AirCm 0002

Model Number: 2xCWM-3.2/40



### Product Details:

Country of Origin: China

Air Compressor for Blow Molding Machines, Exhausting 3.2m<sup>3</sup>/Minute, 4Mpa Pressure

### Key Specifications/Special Features:

- Power: 2 x 18.5kW
- Speed: 800r/minute
- Exhausting: 3.2m<sup>3</sup>/minute
- Working pressure: 4Mpa
- Dimension: 2,550 x 1,550 x 1,600mm
- Weight: 1,280kg

## Cargo Deck Crane

Catalogue Number: DCr 0001



### Product Description:

Cargo deck crane is designed based on the cargo lifting condition, with cylinder or wire rope luffing, have the characteristic of reliable, durable and easy maintenance etc. Normal lifting capacity of the crane is from 1.0ton to 60ton (max. 159ton), and lifting speed is between 10m/min to 30min.

## Marine Crane

Catalogue Number: DCr 0002



### Product Description:

We can supply you the best quality equipment and most competitive price.

"People Oriented, Technology leading, Service First" is our management conception. We absorb professional technicians, use advanced equipment's and aim to supply high quality equipment's. We like to build bright future for shipping industry with our own spirit, faithful & professional practice & innovation.

## Deck Crane

**Catalogue Number: DCr 0003**

**Model Number: AME5TX18CRN**



### **Product Description:**

Safe Working Load: 2 Ton  
Maximum Outreach: 10m  
Max Keel/ Trim: 5deg Heel 3deg Trim  
Maximum wind speed: 3.1m/s  
Slewing speed: 1 rpm  
Slewing Angle: 360deg  
Luffing time: 25sec  
Luffing Angle: 75  
Hoisting Speed/travel: 20 m/s. /15m

## Engine Room Crane

**Catalogue Number: DCr 0004**



### **Product Description:**

ENGINE ROOM CRANE

DOUBLE ELECTRIC ENGINE ROOM CRANE

**MODEL S. W. L(KN) MAIN DIM. (mm)**

A B C D E

DECB20 20 200 330 1200 420 1310

DECB30 30 250 370 1380 480 1340

DECB50 50 320 410 1500 510 1400

DECB80 80 360 440 1550 1000 1500

DECB100 100 450 450 1550 1000 1500

SINGLE ELECTRIC ENGINE ROOM CRANE

**MODEL S. W. L(KN) MAIN DIM. (mm)**

A B C D E

SEC05 5 160 260 700 360 9000

SEC10 10 180 300 800 410 9000

SEC20 20 200 330 965 420 9000

SEC30 30 250 370 1090 480 9000

SEC50 50 320 410 1230 510 9000

1. HOISTING SPEED OF CRANE: 8/0.8/m/min.

2. TRAVELLING SPEED OF CRANE: 6m/min

## Deck Cranes

Catalogue Number: DCr 0005



### Product Details:

Deck Crane, Mounted on Vessel for Handling Cargo and Containers in Harbor Conditions

**Origin:** China

**Brand Name:** CNBM, CMAX

### Key Specifications/Special Features:

- With highest level of the fabrication, they have been mixed the most accurate structure technology on the most difficult machining work, excellent electronic part, pump installation, all-weather outdoor testing and others
- We can ensure the quality and accuracy of any kind of product according to the international advanced standards
- All movements (hoisting, luffing and slewing) simultaneously and are step leslies controllable
- Limit switches for highest and lowest hook positions
- Limit switches for minimum and maximum outreach
- Automatic speed reduction of hoisting and
- luffing before the limit switch is been reach
- Complete crane according to requirements from specified classification society
- High quality and can load and unload
- flexibly
- Deck cranes mounted on vessels for handling cargo and containers in harbor conditions
- Easy, safe and reliable to operate
- Can bear long term working time and idle time
- Sufficient consideration for maintenance, technology, design makes easy maintenance, minimum maintenance and idle time is the shortest
- In addition, applicable consideration has been given to weight saving and space

Assembly precision is full controlled within 150µm and with a variety of high degree polytechnic precision on structure

## Gravity Luffing Arm Type Davit

**Catalogue Number: DCr 0006**

**Model Number: HMD**



**Product Description:**

Origin: China

Marine Parts: Marine Hardware

Material: Iron and Steel

The lifesaving equipment contains davits, free-fall life boat crane, single arm rescue boat davit, single arm life raft davit, Gravity Luffing Arm Type Davit, platform davit, A type rescue boat davit etc.

There are some kinds of certificates of Classification Societies, such as: BV, CCS, GL and RINA High quality against competitive price is the first choice for owner of the vessel.

Type	Working load (KN)	Main Dimension (mm)				Boat Winch	
		A	B	C	H	Type	Working load(KN)
HMD60L	60	2700	1300	2000	5500	HMW50	50
HMD85	85	3500	1600	2700	6600	HMW75	75
HMD110	110	3600	1750	2800	6700	HMW100	100

## Single Arm Rescue Boat Davit

**Catalogue Number: DCr 0007**

**Model NO.:** HMD14, HMD21, HMD25, HMD32



### Product Description:

Origin: China

Marine Parts: Marine Hardware

Material: Iron and Steel

Single Arm Rescue Boat Davits can be delivered as a combined model for rescue boats and life rafts. The davits comply with the requirements as stated in the current IMO/SOLAS regulations. Delivered to latest SOLAS regulation and with EC certificates. It has ABS, DNV(with EC), BV, BV(with EC), CCS, ABS(with EC) approval. High quality against competitive price is the first choice for owner of the vessel.

**Type: HMD14**

Working load: 14KN

Hoisting load: 14KN

Slewing load: 14KN

Hoisting speed:  $\geq 18$  m/min

lowering speed: 40-60 m/min

**\*\*** *If you are interested in any of our equipment's which are not listed in this catalogue please let us know we also can arrange different styles of you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

**Note:** *Please specify the product details with Model number (if any) and Catalogue number.*

# Roller Fairlead

Catalogue Number: DF 0001



## Product Description:

Packing: Unpacked  
Origin: China  
Marine Parts: Rollers  
Material: Iron and Steel  
Use: Trade  
Type: Inland and Coastal Vessel

- 1) Product Category: Roller Fairlead
- 2) Product Name: Roller Fairlead

We can supply fairlead, roller according to JISF, DIN and GB standards. We can also supply these products according to buyer's drawings.



# Roller Fairlead

Catalogue Number: DF 0002/ DF 0003/004/0005



HS Code: 73259910  
Origin: CHINA  
Marine Parts: Rollers  
Material: Iron and Steel  
Use: Trade  
Type: Inland and Coastal Boats

- 1) Product Category: Roller Fairlead
- 2) Product Name: Roller Fairlead

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If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you  
**Note:** Please specify the product details with Model number (if any) and Catalogue number.*

# Marine Water Tight Door

Catalogue Number: DW 0001



## Product details:

Certificate : CCS/GL  
Marine Parts : Ship Parts  
Material : Iron and Steel  
Use : Ship Deck  
Type : All Ship  
Material : Steel  
Size : All size

China Marine Steel Single-Leaf Weather tight Door  
Marine Steel Single-Leaf Weather tight Door  
China Quick Opening & Closing Pressure Proof Watertight Steel Door  
Quick Opening & Closing Pressure Proof Watertight Steel Door  
China Steel Door  
Steel Door  
China Fireproof Door  
Fireproof Door  
China Aluminium Cabin Hollow Door  
Aluminium Cabin Hollow Door  
China Aluminium Weather tight Sliding Door  
Aluminium Weather tight Sliding Door  
China Weather tight Door  
Weather tight Door  
China Marine Steel Door  
Marine Steel Door  
China Marine Weather tight Door  
Marine Weather tight Door  
China Ship Weather tight Door  
Ship Weather tight Door  
China Boat Weather tight Door  
Boat Weather tight Door  
China Marine Aluminium Door  
Marine Aluminium Door

## Side Scuttle

Catalogue Number: DW 0002

Model Number: GB/T 14413-93



### Product details:

Certificate : CCS/GL

Marine Parts : Window

Material : Alloy

Use : Protection

Type : All

Place of Origin : China. Part: Marine window

Name : Height, Medium, Light Standard: GB/T 14413-93, Material:

Brass/steel/Aluminium

Type A : LB (RB), SB, NB, LW (RW), SW, NW

Type B : LB (RB), SB, NB LW (RW), SW, NW

Opening : Fixed/Opening (L/R)

Install type : Welded/Bolted Glass: Safely glass Style: Simple

Certificate : GL/ CCS

### Specifications:

-Marine welded fixed side scuttle

-Material: Aluminium

-Opening: Bolted

-Can be produced as per customer drawings

-Side scuttles for ship

-Used for sea-going ship and warships also could used for inland ship

-The porthole has good water and enough strengths

-The porthole spare parts surface neat and clean.

-A surface of the meld can not have the forging blemishes, such as pore, crack and the blemish of other influence strengthens

-The porthole glass beard adopts the GB11946 provision steel to turn the glass, also qualified certificate

### Similar product:

#### :Marine Side Scuttle-

China Fixed Welded Window for Wheelhouse

Fixed Welded Window for Wheelhouse

China Marine Ordinary Rectangular Window

Marine Ordinary Rectangular Window

China Marine Rectangular Window

Marine Rectangular Window

China Marine Window

Marine Window  
China Ship Window  
Ship Window  
China Fixed Rectangular Window  
Fixed Rectangular Window  
China Fixed Rectangular Window for Wheel House  
Fixed Rectangular Window for Wheel House  
China Fixed Wheel House Window  
Fixed Wheel House Window  
China Wheel House Window  
Wheel House Window  
China Fixed Window  
Fixed Window  
China Ship Fixed Window  
Ship Fixed Window  
China Marine Side Scuttle  
Marine Side Scuttle  
China Fixed Welded Window for Wheelhouse  
Fixed Welded Window for Wheelhouse  
China Marine Ordinary Rectangular Window  
Marine Ordinary Rectangular Window  
China Marine Rectangular Window  
Marine Rectangular Window  
China Marine Window  
Marine Window  
China Ship Window  
Ship Window  
China Fixed Rectangular Window  
Fixed Rectangular Window  
China Fixed Rectangular Window for Wheel House  
Fixed Rectangular Window for Wheel House  
China Fixed Wheel House Window  
Fixed Wheel House Window  
China Wheel House Window  
Wheel House Window  
China Fixed Window

## Marine Scuttle

Catalogue Number: DW 0003

Model Number: GB/T 14413-93



### Product Details:

Place of Origin: Taiwan, Brand Name: FURUN, Model Number: Scuttle

Part: deadlight cover, Material: Casted aluminium alloy, Type: Bolted / Welded

Opening: Falling bolt, Coating: Anode oxidation-treatment, Certificate: CCS/GL

### Specifications-

High-quality marine scuttle window

Bolted and Welded type

OEM service and Special requirement is available

-Bolted and Welded type marine scuttle window

-Watertight

-With steel, Stainless steel, aluminum or brass glass keeper

-Available in quality casted iron, steel, stainless steel, brass and aluminum materials

-High quality rubber gasket

-Option deadlight cover

-Clear size: 200 ~ 450mm

-Epoxy zinc rich primer coating or anode oxidation-treatment

-Design and manufacture special structures required by clients

# Marine Ordinary Rectangular Window

Catalogue Number: DW 0004

Model Number: GB/T5746-2001



## Product Details:

Certificate : CCS/GL

Type : Window

Steel : Window

Low price

Type : Heavy rectangular window  
Light rectangular window.

# Marine Clear View Screen

Catalogue Number: DW 0005

Model number: CM03



## Product Description:

Origin: China, Japan & Europe

This type ship clear view screen applies double layer glass structure for completely preventing rain and water from the external environment into the interior space with certain air tight property and better visual field under normal condition, therefore, it is suitable for various oil tankers, chemicals tankers and high speed naval ships. The product can remove the rain, snow and sea water from the windows with the centrifugal force generated from the high speed rotation of glass driven with the motor which is installed in the centre of main frame, and can keep clear vision. Additionally, the product is installed with electro thermal ice smelting device and is applicable for all-weather sailing.

This product complies with CB644-1992: Marine Clear View Screen.

## Specification:

1. Power supply : AC 220V\AC 110V\DC24V
2. Supply frequency : 50Hz/60Hz
3. Input power : Electric motor  $\leq$  50W, Electric heaters  $\leq$  250W
4. Protection levels : Outdoor: IP56 (working), Indoor: IP22
5. Install thickness (mm): 10~22
6. Control box size : Panel size (mm): Lx W: 150x 120, Box size (mm): Lx Wx D 131X101X160

## Clear View Screen

Catalogue Number: DW 0006

Model number: CM03



### Specifications:

Nominal size: 250- 350 mm

24V DC

Nominal size: 250 -350 mm

220 / 1 / 50 AC

## Marine Clear View Screen 24V

Catalogue Number: DW 0007

Model number: WS2-300CR



### Product Details:

Place of Origin : China, Brand Name: Hangyi,

Part : Engine/Motor

Certificate : CCS/GL/RINA

voltage: 24V

Hole size: 341mm

### Specifications-

Marine Clear View Screen

WS2-CR marine clear view screen may be mounted above viewing window in pilothouse.



WS2-CR Type rotating window for ship is suitable for installing on the window of the navigation bridge. It removes the rain, snow or waves from the window by the centrifugal force generated by the high speed rotating of the glass disc driving by the motor which is installed in the center of the main frame. This product is equipped with electric warm ice melting device and is suitable for all season navigation. Additionally, it is equipped with power supply controlling box. The product meets the requirements of CB644-1992 "Rotating Window for Ships" Marine Clear View Screen.

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If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you  
Note: Please specify the product details with Catalogue number and Model number (if any).*

# GENERATOR SYNCHRONIZER

Catalogue Number: EGS 0001

Model number: SYC 6714



## Product Details:

Place of Origin: China, Brand Name: GAC, Weight: 770g

## Specifications-

- 1.SYC6714
- 2.GENERATOR SYNCHRONIZER
- 3.ISO9001 CERTIFICATED

## Technical data:

Sensitivity	50 RMS-500 VRMS(line-to-line or line-neutral)
Frequency	50 Or 60 Hz Nom(400Hz, special order)
Isolation	1000V min
Burden	less than 2.5 V A
Wide Voltage Range	14-40V DC
Current Required	less than 200mA
Breaker Window Size	1°-25°





**Catalogue Number: EGS 0002**

**Model CT-600** Droop current transformer for generator parallel operation



**Catalogue Number: EGS 0003**

**Model CT-200** Droop current transformer for generator parallel operation



**Catalogue Number: EGS 0004**

**Model CT-1000** Droop current transformer for generator parallel operation

FOB Price:

## **Generator synchronizer**

**Catalogue Number: EGS 0005**

**Model number: SYC 6716**



**Product Details:**

Place of Origin: China, Brand Name: Huxin, Purpose: generator, Weight: 0.38kg  
Size: 9.6x9.6cm, Voltage range: AC110V~400V 50/60Hz, Type: generator synchronizer

#### **A. Introduction:**

**SYC6716 synchronizer** is a high-tech designed product; there is no need to install synchronizer so the cost of generators and machine control cabinet is reduced and the line is simplified. And what's the most important is improved the stability of generators and machine control cabinet.

#### **B.The function of LEDs:**

**36 LEDs in a circle:** When it is synchronous, the phase difference is near  $0^\circ$ , the top green LED shall be lit. when  $f_{GEN} > f_{Mains}$ , the phase difference is timing angle, LED shall be lit in the direction of "TOO FAST", a phase difference of  $0^\circ$  will be increased when a more LED is lit in that direction. When  $f_{GEN} < f_{Mains}$ , the phase difference is in inverted angle, LED shall be lit in the direction when a more LED is lit in that direction.

If the frequency of the generator sets is on the high side or on the low side, the LED shall be lit in timing direction or inverted direction accordingly.

**SYNC:** Light up when the phase difference is lower the presetting difference.

**DC:** Lights up when the power is supplied.

**Mains:** Lights up when the power is supplied.

**ENABLED:** Lights up when the synchronization has been accepted.

**BREAKER CLOSURE RELAY:** The switching signal shall be showed synchronously if the phase difference is lower than presenting difference and meanwhile the LED is lit when the synchronization has been accepted.

**GEN:** Lights up when generator is running.

**For detailed information, please feel free to contact us. Thanks.**

## Marine power cables and wires

Catalogue Number: EC 0001

Model number: CEFR/DA/S



### Product Details:

Product Approvals : Certificate of works approval, IEC/CCC  
Capable : CE  
Brand Name : SNH CABLE  
Brief Description : Marine cable, offshore cable, boat cable, high quality, profession, Can be customized  
Rated Voltage: 600/1000v  
Operating Temperature: 85°C  
Application : Marine cable

These wires are the high quality and excellent service, the wires & cables are highly welcomed at home and abroad. At present, the products have been applied in domestic major projects such as Shanghai Pudong International Airport, Shanghai F-1 International Circuit.

## Marine power cable series

Catalogue Number: EC 0002

Model number: CJV92



### Product Details:

Place of Origin: China, Brand Name: HI-SEA  
Insulation Material: XLPE, Type: Low Voltage, Application: Marine  
Conductor Material: Copper, Jacket: PO Sheath, Standard: IEC standards  
**Specifications-**

Marine power cable 0.6/1KV

1. ABS, LR, BV, NK, DNV, GL, CCS Cert.
2. EPR/XLPE Insulation
3. IEC Standards
4. High quality

## Marine power cable

Catalogue Number: EC 0003



### Product Description:

1. EPR insulated shipboard power cable
2. EPR insulated fire-resisting shipboard power cable
3. NR+SBR insulated shipboard power cable
4. PVC insulated shipboard power cable
5. PVC insulated fire-resisting power cable
6. XLPE insulated ship board power cable
7. XLPE insulated fire-resisting power cable

### Standards:

IEC 60288 IEC60092-350 IEC60092-353 IEC60092-359  
IEC60092 351 IEC60332-1 IEC60332-3Cat.A  
IEC61034-2 IEC 60754-2 3A

### Cable Construction:

Conductor: tinned copper

Insulation: EPR/PVC/XLPE/NR+SBR

Filler

Tape

Inner sheath: PCP/CSP/PVC/PO (SHF1, SHF2)

Armored: tinned copper wire braid  
(Galvanized steel wire braid)

Outer sheath: Polyvinyl Chloride/Cross-linked Polyolefin/ Thermoplastic Polyolefin

### Application:

The cable is intended for power, lighting and control system of shipboard and off-shore

building, and it is also available to metallurgical industry chemical works, power plants and mines etc.

**Certificates:**

CCS, GL, NK, RINA

The radius of bend for the installation of cables:

Cable structure features Over diameter of cable(D) Minimum internal bending radius

Metal braided armored Any value 6D

Non-armored  $D \leq 25$  4D

D25 6D

Medium-voltage cable any 10D

## Copper/PVC/PVC Power Cable marine power cable

Catalogue Number: EC 0004

Model number: Copper/PVC/PVC Power Cable



**Product Details:**

Place of Origin: China, Brand Name: OEM,

Insulation Material: PVC, Type: Low Voltage, Application: Construction

Conductor Material: Copper or Aluminium, Jacket: PVC, Standard: IEC 60502-1

Voltage: 0.6/1KV, Color: Black Color

**Specifications-**

Marine power cable

SIZE	DIA. OF CONDUCTOR	INSULATION THICKNESS	APPROX. OVERALL DIA.
MM2	MM	MM	MM
1X16	5.1	1.0	9.9
1X25	6.4	1.2	11.8
1X35	7.6	1.2	13.0
1X50	8.9	1.4	14.9
1X70	10.7	1.4	16.7
1X95	12.6	1.6	19.2
1X120	14.2	1.6	20.8
1X150	15.8	1.8	22.8
1X185	17.6	2.0	25.0
1X240	20.3	2.2	28.1
1X300	22.7	2.4	30.9
1X400	25.7	2.6	34.3
1X500	28.8	2.8	38.0
3X10	4.1	1.0	17.4
3X16	5.1	1.0	19.7
3X25	6.4	1.2	23.4
3X35	7.6	1.2	25.9

3X50	6.8	1.4	26.5
3X70	8.0	1.4	28.0
3X95	9.5	1.6	32.2
3X120	10.4	1.6	35.9
3X150	12.0	1.8	40.0
3X185	13.2	2.0	44.1
3X240	14.9	2.2	49.0
3X300	16.9	2.4	52.5
3X400	19.2	2.6	59.2
4X1.5	1.4	0.8	11.6
4X2.5	1.8	0.8	12.6
4X4	2.3	1.0	14.7
4X6	2.8	1.0	15.9
4X10	4.1	1.0	19.0
4X16	5.1	1.0	21.1
4X25	6.4	1.2	25.7
4X35	7.6	1.2	28.5
4X50	7.4	1.4	28.3
4X70	8.7	1.4	31.7
4X95	10.8	1.6	38.7
4X120	11.7	1.6	42.2
4X150	13.1	1.8	47.9
4X185	14.7	2.0	53.3
4X240	16.8	2.2	58.3

## PVC Insulation and Sheath Marine Power Cable

Catalogue Number: EC 0005

Model number: CVV/DA



### Product Details:

Place of Origin: China, Brand Name: LAND,

Application: Marine, Conductor Material: Copper, Jacket: PVC

Insulation Material: PVC, Control Cable Colour: Black

### Specifications

Cable should pass voltage test of AC 3.5kV or DC 8.4kV

1. Rated voltage: 0.6/1kV
2. Long term working temperature allowed for cable is 60 °C
3. Minimum bending radius for installation should be not more than 6 times that of outer cable diameter
4. Cable should pass voltage test of AC 3.5kV or DC 8.4kV
5. Delivery length for cable with 3 cores or lower and cross sectional area not more than



6. 2.5mm<sup>2</sup> is 150m and others are 100m

7. Executive standard: JB/T8140.2-1995

8. Used to transmit power for various ships and offshore oil platform and other water buildings

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Note: Please specify the product details with Catalogue number and Model number (if any).



# Electric Marine Whistle

**Catalogue Number: EW 0001**

**Model number: CDD-300**



## Product Description

CDD-300 multi-functional electric marine whistle horn, based on spiral sound channel, is the latest patent product, which can be widely used in marine transportation, wharf and other concerning fields. With multi-functional operation capacity, it has advantages in a few points, such as output power, sound clearness, and sound effective distance. With maximum 300W out-put power, CDD-300 is able to reach 1000 meters effective sound range, the maximum sound power level is more than 131dB. Based on concise integrated circuit, the horn tones are conducted by microprocessor, which ensure the frequency stability. With IP56 protection grade, water, dust and UN-proof function, the loudspeaker is qualified for working under complicated operating conditions.

## Specification:

Rated Power: 300W

Operation Voltage: DC24V ( $\pm 10\%$ )

Frequency: 400~700Hz

Harmonic Distortion:  $\leq 5\%$

Effective Sound Range: 1000M

Max. Sound Power Level:  $\geq 131\text{dB}$

Operation Temperature:  $-30^{\circ}\text{C}\sim+55^{\circ}\text{C}$

Protection Grade: Loudspeaker IP56

Measurement Loudspeaker: 730× 240× 435mm Weight: 11kg

Measurement Host Machine: 200× 195× 108mm Weight: 2.2kg

# Marine Electric Whistle with MIC + audio amplifier 120W

**Catalogue Number: EW 0002**

**Model Number: 120W**



## Product Details:

Place of Origin: China, Usage: Other

## Specifications-

1. Stable performance, low price.
2. Steel material.
3. Genuine manufacture.
4. Easy to install.
5. Size: 160\*55\*145mm

Type: 120Watt

**Description:**

An integrated device, containing MIC, whistle, audio amplifier, Enlarge / diminish sound source.

These products adopt the most advanced MCU programmed by computer, So, the sound of each one is consistently pure, no noise.

(1) Power supply: 24V

(2) Loudness: 128Db;

(3) Rated power: 50W; Maximum power: 120W

(4) Output impedance: 8Ω

(5)Panel description:

Power switch / volume, microphone socket;

Audio amplifier button; whistle button;

## Microphone for electronic siren

**Catalogue Number: EW 0003**

**Model Number: Dz-518G**



Item: Microphone  
 Frequency: 300-3 Kilocycle  
 Type: Big loudspeaker  
 Impedance: 300Ω  
 Type: Small loudspeaker  
 Power: 15W



Loud speaker:  
 Length: 350mm; Width: 230mm,  
 Diameter: 130mm  
 Impedance: 8Ω-16Ω, Power: 25W

# Marine Electric whistle +MIC +Fog horn control

Catalogue Number: EW 0004

Model Number: 300W



## Product Details:

Place of Origin: China, Brand Name: Dz, Usage: Other

## Specifications:

Marine Electric whistle

- 1.an integrated device,good quality,
- 2.stable performance,pure voice
- 3.professional manufacturer

### Type: DZ-300W

Feature:

An integrated device, containing loudspeaking, whistle,Fog horn, Enlarge / diminish sound source.

Fog horn control is to control whistle to generate automatically periodic whistle signal and indicator light signal, in accordance with CCS requirements , applicable to all kinds of ships.

Adopt Microprocessor Control Technology; Shell with steel materials; Panel with touch-key (PVC); stable performance, low price, easy to operate, aesthetic appearance.

These products have high power output with MCU device, compare favorably with hooter, and Use conveniently.

Technical parameters:

(1)Power supply: 24V;

(2)Loudness:  $\geq 130$ dB;

(3)Frequency: 400Hz-700Hz;

(4) Panel instruction:

123456: automatic six Fog horn pushbuttons (with six indicator lights);

1-one long siren /120 second (interval),

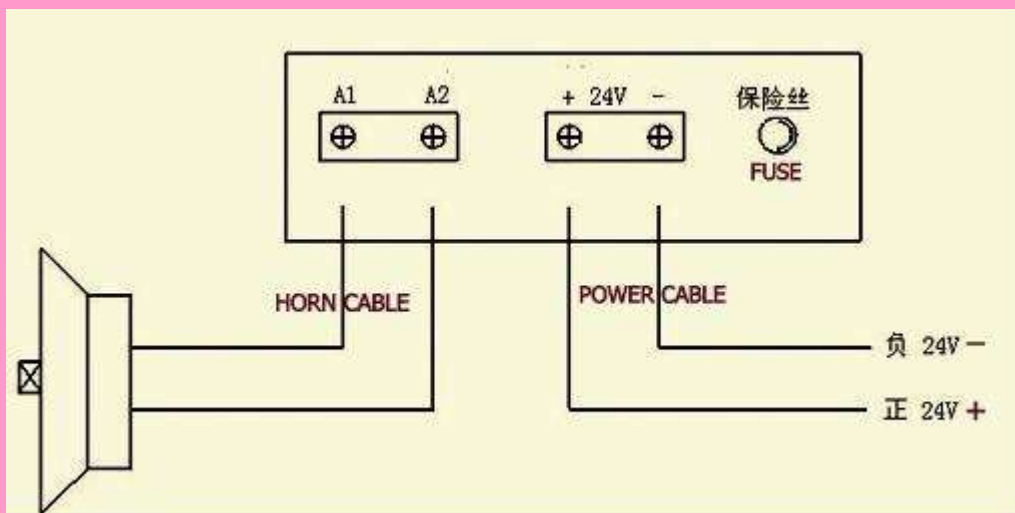
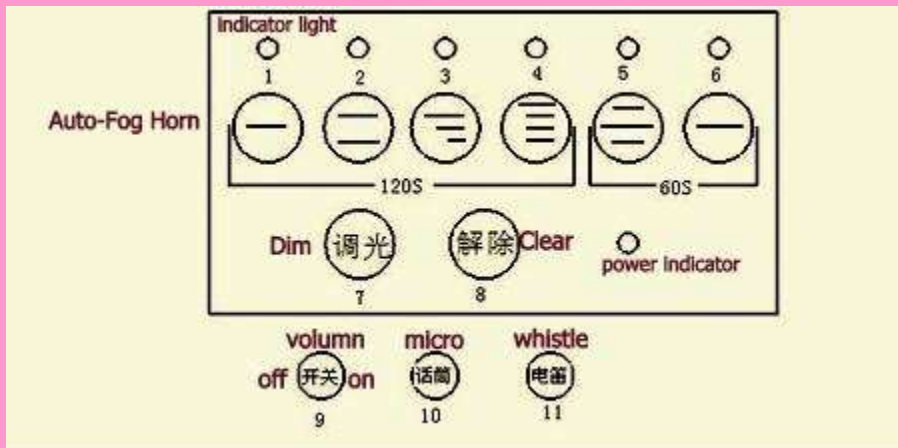
2-two long siren /120 second (interval),

3-one long siren-two short siren/ 120 second (interval),

4-one long siren-three short siren /120 second (interval),

5-One short-one long-one short siren/60 second (interval),

- 6-one long siren/ 60 second (interval),
  - 7-Light Dimming button
  - 8-Clearance button
  - 9-power switch / volume
  - 10-microphone socket
  - 11-whistle button
- Application: 200 to 1 million tons ships.



## Water Motor Gong

Catalogue Number: EH 0005



### Product Description:

This water motor gong is part of wet alarm valve, deluge valve, etc.  
We may supply water motor gong which is UL approved.

Type: Wet Alarm Valve

CO2 Fire Suppression System for Gas Turbine

Concealed Type Sprinkler, Marine Fire Extinguishing System.

## Water Motor gong

Catalogue Number: EH 0006

Model Number: ZS JL200



### Product Details:

Place of Origin: China, Brand Name: jingyuan,

Specifications-

Manual Fire Alarm Button, Security System, Fire fighting

Water motor gong, it is used in wet alarm valve, etc.

It is fire fighting spare parts.

## Water Motor Gong

Catalogue Number: EH 0007

Model Number: BSWM



### Product Details:

Place of Origin: China, Brand Name: BLUE SEAL

We can supply Alarm Valve + Retard Chamber + Water Motor Gong+ trim set with very competitive price.

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**Note:** *Please specify the product details with Catalogue number and Model number (if any).*

# Electric Motor

**Catalogue Number: EM 0001**

**Model:** ED series (Aluminum case three-phase motor)



## Product Description:

ED series Aluminum case three-phase asynchronous motor is a kind of TEFC squirrel cage motor three-phase asynchronous motor with the national unified design, it has the characteristics of high efficiency, energy-saving, high starting torque, low noise, low vibration and easy maintenance, The grade of power and the mounting measurement are subject to the IEC standard, This series motor is commonly used in the machinery without special requirement specially for reducer, air compressor, water pump, oil pump, packing and food machinery and so on...

Model: EDL series(Aluminum case single-phase two-value capacitor asynchronous motor)

EDL series single-phase two-value capacitor asynchronous motor is the product derived from the Y series motor. EDL series motor has high efficiency, energy saving, high starting torque, strong overload capacity, low noise, low vibration and high reliability. The mounting measurement and the grade of power are subject to the IEC standard, and realized a frame number, the same capacity rank for single and three-phase asynchronous motor, enhanced the interchangeability and the versatility between the single and the three-phase motor.

EDL series motors are adopted with B class in insulation, IP degree of protection, IC0411 method of cooling.

EDL series electric motor is suitable for the situation where there is no three phase power source, used in actuating each kind of equipment, like metal-cutting machine tool, pumps, transport machinery mixer, farm machinery, and food mechanicals well as domestic electric appliances and so on.

Model: YL series (Aluminum case single-phase two-value capacitor asynchronous motor)

YL series single-phase two-value capacitor asynchronous motor is the product derived from the Y series motor. YL series motor has high efficiency, energy-saving, high starting torque, strong overload capacity, low noise, low vibration and high reliability. The mounting measurement and the grade of power are subject to the IEC standard, and realized a frame number, the same



capacity rank for single and three-phase asynchronous motor, enhanced the interchangeability and the versatility between the single and the three-phase motor.

YL series motors are adopted with B class in insulation, IP degree of protection, IC0411 method of cooling.

YL series electric motor is suitable for the situation where there is no three-phase power source, used in actuating each kind of equipment, like metal-cutting machine tool, pumps, transport machinery, mixer, farm machinery, food mechanicals well as domestic electric appliances and so on.

Model: Y2 series three-phase induction motors

Y2 series three-phase induction motors, developed with new techniques, are renewal and upgrading products of Y Series.

Y2 series motors are defined as totally enclosed, fan-cooled, squirrel cage type and noted for their novel design, large torque, excellent starting performance, easy serving, etc.

The motors are adopted with F class in solution and designed with assessing method for in solution system according to international practice, it enhances greatly motors safety and, reliability. Therefore, these motors have reached an international advanced level of such kind products at the initial days of the 90s.

Y2 series motors can be widely used as driving equipments pumps, compressors, transporters, agricultural and food processing.

Air Compressor

#### Key Specifications/Special Features:

- Power: 2 x 18.5kW
- Speed: 800r/minute
- Exhausting: 3.2m<sup>3</sup>/minute
- Working pressure: 4Mpa
- Dimension: 2,550 x 1,550 x 1,600mm
- Weight: 1,280kg



The above motors may be supplied as customer's requirement.

## Multi Power 12V 3A switch mode diesel generator battery charger

**Catalogue Number:** EE 0006

**Model number:** 12V 3A



### Product Details:

Place of Origin: China

Brand Name: Ultipower

Use: Standard Battery

Type: Electric

Input voltage: 110V, 220V AC or others

Safety: polarity protection, short circuit

Specification: automatic & intelligent charging

Technology: reverse pulse tech

Dimension (cm): 17.5x7.7x6

Compact (kg): 0.6

Output frequency: 50 -60 HZ

Application: UPS, Marine

Hardware: switch mode

Function: charge & maintenance & recondition

### Specifications-

12V 3A diesel generator battery charger

switch mode battery charger

maintenance battery charger

polarity protection

#### 1. Automatic Charging and Maintenance

Automatically stops charging when the battery is full. You can leave the charger connected to the battery indefinitely without the risk of overcharging; Once the battery is full, the charger monitors the battery voltage and intermittent to float charging the battery if the capacity of your battery lower than our charger's preset digital.

#### 2. Compact and convenient

Weight: 0.7Kg; Size:

17.5x7.7x6

cm; Small and light as we adopt the switch mode technology; Very convenient for you to use.

#### 3. Digital Display and Polarity Protection

Digital Voltmeter, Ammeter and thermometer will show battery's voltage, current and charger's temperature on display screen. Prevents the output leads from sparking due to accidental reverse connection or short circuit, increasing safety.

#### 4. Low temperature raises and save energy

Using the Micro Controller Unit to monitor battery's status and control the current and voltage (reverse pulse technology) during the whole charging progress. Nearly 90% of electric power turn into your battery energy. The efficiency of conventional battery charger is 35~45%, the rest are becoming heat energy.

#### 5. Maintain battery and recover it's capacity

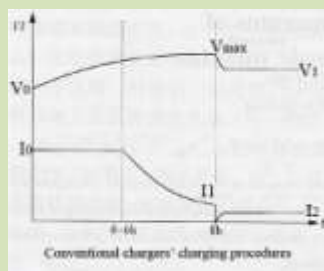
The charger generates negative pulse to reduce battery impedance, keeping the battery plates clean and free from sulphation then the battery stays fresh and responds to charging and discharging.

#### 6. CE certification

We have CE certification of all battery chargers; besides, we have more than 20 patents on our products in China.

Besides this product, we have many other types of Battery Charger, range from 600MA to 30 A, 6V to 72 V, all of our products are using the negative pulse and switching power supply technology.

It's the first choice to you!





## Marine Push-Button

Catalogue Number: EE 0007

Model number: A26008



### Product Details:

Place of Origin: China

Brand Name: YUANZHENG

Type: Headlight Switch

### Specifications-

- 1.Head Lamp Switch
- 2.High Quality With Competitive Price

Monetary On SPST

Starter & Horn Switch

Chrome Plated Brass

2 Screw Terminals

5/8" Mount Hole

6 Volt 25Amp

12 Volt 15Amp

1. Auto Head Lamp Switch
2. High Quality With Competitive Price

## Marine Power Supply (AC/DC) PR-850 for marine equipment

**Catalogue Number: EE 0008**

**Model number: PR-850**



### **Product Details:**

Place of Origin: China

Brand Name: Green Century

Output Power: 201 - 300W

Output Type: Single

Input Voltage: 220V

Output Voltage: 24VDC

Output Current: 60A

Electronic: power supply

Efficiency: 55%

Battery Voltage: 10mV

Dimension(W\*L\*H/mm): 250x350x350

Weight: 37kg

### **Specifications**

Marine Power Supply PR-850, Automatically switch to electrical supply from battery while power is off.

**Product Features:**

1. Use Voltage: AC 220V (or 110V)  $\pm 10\%$ , 24V
2. Output Voltage: DC 24V  $\pm 0.2V$
3. Output Current: 30A 45A 60A
4. Load Efficiency:  $1 \times 10^{-3}$
5. Working environment temperature: -10 to 55 degree
6. Relative temperature: 40 degree (20-90)%RH
7. Atmosphere pressure: 86-106KPa
8. Output Ripple:  $\leq 20mV_{p.p}$
9. Temperature coefficient:  $1 \times 10^{-1} mV/degree$
10. Dimension and weight: 250\*250\*350mm, 37kg
11. Switching function: Switch to electrical supply from battery while cut off power
12. Automatically switch to electrical supply from battery while power is off
13. Check the battery voltage automatically and with short of voltage protection function so as to protect the using life of the battery

**Product Usage:**

Special for marine equipment

## SPST Toggle Switch On-Off Marine Metal Chrome lever

Catalogue Number: EE 0009

Model number: ASW16-101

**Product Details:**

Place of Origin: China

Brand Name: FX

Max. Current: 20A 12VDC

Terminal: 2 pin

**Specifications-**

SPST Toggle Switch On-Off Marine Metal Chrome lever

SPST Toggle Switch On-Off Marine Metal Chrome lever

A New Single Pole Single Throw Toggle Switch:

**On-Off**

Volt: 12 V 20 Amp

Uses: Industrial Controls, Marine Panels.

Hole Size 7/16"

Brass Marine

Brass Terminals UL Listed



## BS-230B 30A POWER PUSH BUTTON SWITCH

Catalogue Number: EE 0010

Model number: BS-230B



**Product Details:**

Place of Origin: China

Brand Name: ALION

Max. Current: 30A

Max. Voltage: 600VAC

PUSH BUTTON: POWER PUSH BUTTON

IRON BOX: ON OFF SWITCH

**Specifications-**

TYPE: BS210B,BS215B,BS230B

Brand Name: ALION

Rated Voltage: 600VAC

Resistance Load: 10A, 15A, 30A

## MNS-L low-voltage switch cabinet

**Catalogue Number: EE 0011**

**Model number: MNS-L**

**Product Details:**

Place of Origin: China

Brand Name: shenglong electric

Protection Level: IP40

Type: Switch Box

External Size: 2200\*600\*600

**Specifications-**

For land use, power plants, nuclear power plants, marine, oil platforms and other industrial

MNS-L system can adapt to the needs of a variety of power distribution and can be widely used in land use, power plants, nuclear power plants, marine, oil platforms and other industrial and mining enterprises distribution system.



## AC/DC Marine power supply

Catalogue Number: EE 0012

Model number: HPS 1210



### Product Details:

Place of Origin: China

Brand Name: Green Century

### Specifications-

Marine power supply(AC/DC):Automatically switch to electrical supply from battery while power is off.

Marine power supply (AC/DC) HZM-2410E/PSM-2410E for ship communication equipment

### Product Features

1. Automatically switch to electrical supply from battery while power is off
2. Check the battery voltage automatically and with short of voltage protection function

So, as to protect the using life of the battery.

### Product Usage

Special for Marine equipment

### Indicated Parameters

This chassis can be used to make switching and linear power supplies

Input voltage can be manually converted between110Vac-220Vac. Marine power supply (AC/DC) HZM-2410E/PSM-2410E for ship communication equipment

## DC Marine Battery Switch

Catalogue Number: EE 0012

Model number: SFCBS-175-402



### Product Details:

Place of Origin: China	Brand Name: SEAFLO	Model Number: SFCBS-175-402
Max. Current: 300A	Max. Voltage: 32V	Mechanical Life: More than 2years
Voltage: 6v-12v-24v-32v	Color: White	Piston: 4
Battery selector switch: Long Life		
Specifications		

SEAFLO Marine Battery Switch

Max.Amp: 300A

Switch Position: 4

Voltage: 6V,12V,24V,32V

### Application:

The selector switch will allow the use of one battery for engine starting and one battery for auxiliary electrical equipment. Batteries may be placed in parallel by switching to (BOTH) for emergency use. It is mostly used in yachts, RV etc.

### Product features:

1. Small in size, Fine appearance, Sturdy and durable
2. Can be installed in any position
3. It is rated at 175A continuously duty at DC-12V and rated at intermittent 300A.
4. 3 switch positions can meet for different requirements.

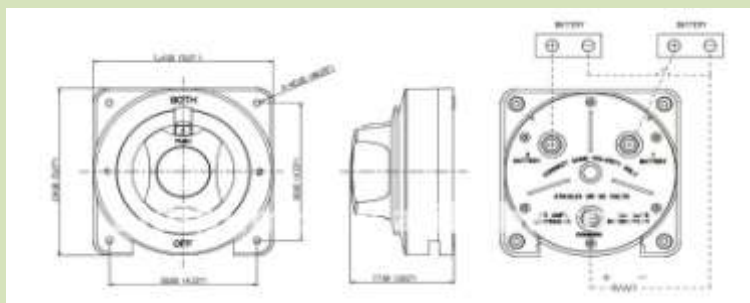
### Specification-

MODEL	Volts ( V)	Amp Draw(A)	Max Amp Draw(A)	Switch position	Dimention	N.W	G.w
SFCBS1-175-	6-12-24-	175	300	4	65*65*30mm	0.45KG	0.65KG

402

32

### Pictures for your reference:



## Marine Plug

Catalogue Number: EE 0012

Model number: HNA



### Product Details:

Place of Origin: China

Part: Electric parts

Brand Name: HI-SEA

Certification: CCS, GL, etc.

Model Number: HNA

### Specifications-

Marine plug:

1. Model: HNA series

2. Type: CTS101

3. Protection class: IP56

4. Weight: 0.2kg

## Electric plug

Catalogue Number: EE 0012

Model number: EL-11



### Product Details:

Place of Origin: China

Type: Electrical Plug

Rated Current: 10/16A

Brand Name: ENLLY

Grounding: Standard Grounding

Application: Marine / General-Purpose

Model Number: EL-11

Rated Voltage: 250V

ABS: COPPER

### Specifications-

Electric plug

2P+E Standard grounding

10/16A 250V

Material : ABS+COPPER

36PCS/BOX

### Similar other products:-





## KN3C-101 On/off toggle switch with screw Terminal

Catalogue Number: EE 0013

Model number: KN3C-101



### Product Details:

Place of Origin: China

Brand Name: FX

Model Number: KN3C-101

Max. Current: 15A 125VAC

Max. Voltage: 10A 250VAC

Mechanical Life: 10,000Times

Colour: Red

### Specifications-

Marine On-Off Toggle Switch 2 Position

Chrome plated brass construction for marine environments

Accommodates 10 Amp @ 250V AC, 15 Amp @ 120V AC & 15 Amp @ 12V DC.

## 12V 350Amp Battery Isolation Switch with Waterproof Rubber Cover

Catalogue Number: EE 0013

Model number: A25002



### Product Details:

Type: electric isolator switch

Size: NO

Place of Origin: China

Brand Name: YUANZHENG

Model Number: A25002

OE NO.: NO

MARINE AND FARM EQUIPMENT  
STORAGE

Type: disconnect switch

Battery: 300A continuous

Peak: 500A

Standard and Certificate:  
ISO9001

Sample time: 4-5 Days

### Specifications

Theft & Fire Protection

2 Position On-Off

Removable Key with Moisture Proof Cap

## Marine switch

**Catalogue Number: EE 0013**

**Model number: K-2MR (793017)**



### Product Details:

Place of Origin: China

Brand Name: HAIJI

Model Number: K-2MR  
(793017)

250V: 10A

IP56: Made of Synthetics resin

### Specifications-

Marine switch Type:K-2MR

Code:793017

Voltage:250v/10A

Material: synthetics resin

Protection class:IP56, Type:K-2MR

Code:793017

Voltage:250v/10A

Material:synthestic resin

Protection class:IP56

Conform to JISF8832,8833 standard.

## Marine switch

**Catalogue Number: EE 0014**

**Model number: CZXS**



**Product Details:**

Place of Origin: China

Brand Name: Mingbo

**Specifications-**

Marine waterproof dual socket box with switch, IP56 Material: synthetic resin

Type: CZXS

Code: 792832

Voltage: (2P+E)\*2 250V

Current:20A

## Marine nylon electrical switch

Catalogue Number: EE 0015

Model number: CZKS209

**Product Details:**

Place of Origin: China, Max. Current: 10A, Max. Voltage: 24V 125V 250V 380V/440V

**Specifications-**

10A Marine nylon electrical switch

Protection class IP56

Rating voltage: 24V 125V 250V 380V/440V

10A Marine nylon electrical switch

Protection class IP56

Rating voltage: 24V 125V 250V 380V/440V 380V/440V

Code 1144/2/R/FS

Type: CZKS209-1 CZKS209-2 CZKS209-3 CZKS209-4 CZKS209-5



## Marine Electrical Switch marine copper switch

Catalogue Number: EE 0016

Model number: HNA



### Product Details:

Place of Origin: China, Brand Name: MQW, Match-Well

### Specifications

Marine copper switch

Applied to the connection and power-off of electrical circuit in low pressure DC or AC marine.

### Marine copper switch

- 1): Rated voltage: 24V / 110V / 220V / 380V / 440V
- 2): Rated current: 10A
- 3): Protection level: IP56
- 4): Shell material: copper
- 5): Structure character: many types for choice
- 6): Cable: ordinary cable series and shielded cable series for choice

## Marine flexible solar product 3562w

Catalogue Number: EE 0017

Model number: bps100w-20kw



### Product Details:

Place of Origin: China

Brand Name: bestsun

Model Number:

Specification: Normal

Application: Home

Output Voltage (V): marine flexible solar produ...

Load Power (W): marine flexible solar product 3...

Solar Power (W): marine flexible solar product ...

Work Time (h): marine flexible solar product 35...

marine flexible solar product 3562w:

### Specifications-

Solar power system, solar energy system, solar home system, solar product, solar generator, solar backup ups, PV. Solar panel system.

#### Technical data:

Capacity	3000VA
Output wave	Pure sine wave
Output current	10.9A(220V) / 21.8A(110V))
PRECision of output voltage	±3%
Precision of output frequency	±0.1%
False output wave of AC	less than 3%
Power factor	0.8
Overload ability	120%, 30 seconds
Invert efficiency	More than 85%
Output voltage	AC110/220V
Output frequency	50HZ/60HZ
Maximum output power of Solar Module	2700W
Maximum output voltage of solar module	157.5V
Maximum output current of solar module	17.1A
Battery capacity	110V300AH
Best output power everyday	6580WH

Reference: Max Power Supply Capacity Reference

Name of Load	Model	Power	Quantity	Working Time per Day (H)	Continued Working Days
Color TV	21 inch	65W	2	6	
Satellite TV Receivers		25W	1	6	
LCD Computer		100W	2	5	
Energy-saving lamp		11W	10	6	
Printer	Inkjet	30W	1	2	3 continued overcast and raining days
Electrograph	Inkjet	150W	1	2	
Water Pump		200W	1	3	
Refrigerator	150L	100W	1	24	
Washing machine		300W	1	1	
Rice cooker		1000W	1	1	
Air-condition	1.5 KW	1200W	1	6	

## Marine Square-Round DC Ammeters /analog panel meter dc/panel meter analog/panel meter/analog panel meter

Catalogue Number: EE 0018

Model number: bps100w-20kw



### Product Details:

Place of Origin: China

### Specifications-

Meter mechanism using magnetic structure of the tensile spring wire support

### Product Description

Meter mechanism using magnetic structure of the tensile spring wire support, rotating friction-free, operation reliable

Anti-high mechanical impact, operating good under condition of vibration in acceleration:  $\leq 0.7g$

Instrument accuracy: Frequency meter is 0.5, power factor meter is 3.0, others is 1.5

Pointer opening angle: 240 degrees

Working environment temperature: -25 to +55° C

Shell protection in line with IP42, allows smoke, salt, mold, dust and condensation

Withstanding voltage: Circuits and shell 2, 000V AC/1 minute

Insulation resistance: 500V DC/1 minute, 100 mega ohms

Surface of white-faced black words, can also be made of black-faced

## PS-3 Marine Electric Working Test Board

**Catalogue Number: EE 0017**

**Model number: PS-3 Electric Test Board**



### Product Details:

Place of Origin: China, Brand Name: Lange, Marine testing board: Electric Test Panel

### Specifications-

1. PS-3 Marine Electric Working Test Board
2. CCS, BV, ABC, NK...

### Description

PS-3 electric worker test board is used to maintain, inspect and repair both marine electric devices and various medium-small-sized rotors and lighters.

### Main Technical Parameters

1. Input Voltage: AC380V
2. Output Voltage  
AC380 AC0~250V (1KW) DC0~36V (200KW)
3. Wiring Terminal  
One group (three terminals) Output AC380V  
One group (two terminals) Output AC0~250V (1KW)  
One group (two terminals) Output DC0~36V(200KW)
4. Incandescent Lamp Holder: B15d, B22d, E-27, E-40
5. Fluorescence Lamp Holder: 8W, 20W, 30W
6. Socket: AC380V 1 pc, AC220V 2 pcs, DC24V 2pcs
7. Necessary measuring instruments are available

## Marine Low-voltage distribution panel

**Catalogue Number: EE 0017**

**Model number: 7-1000kw**



**Product Details:**

Place of Origin: China, Brand Name: BOTU, A: A

**Specifications-**

- 1.The marine low-voltage distribution panel whole ship's power distribution system
- 2.Advanced technology
- 3.Easy installation

Marine Low-voltage distribution panel, distribution panel, Electrical control panel, Electricity distribution.

The marine low-voltage distribution panel is whole ship's power distribution system, advanced technology, easy installation.

## Marine junction box/electrical panel box

**Catalogue Number: EE 0018**



**Product Details:**

Place of Origin: China

Brand Name: mancaro

Material: metal box, plastic frame

Iron box: 0.6mm/0.8mm

Color of cover: white/blue/gray

Technical: white powder coating of metal

Frequency: 50HZ

Voltage: 220/380V

**Specifications-**

High Quality

Competitive Price  
Easy Wiring  
Best Service

### Specifications:

1. Used for: Distribution box is suitable for distributing control of modern electrification station and so on.
2. Material:
  - a. bottom box: 0.8mm metal or ABS plastic, it depends on the customer
  - b. panel: ABS plastic
  - c. surface lid: transparent PC
3. The metal bridge which fix the circuit breaker can be moved up and down easily, it can easy to install the circuit breaker.
4. On the surface has a button for opening the cover easily.
5. Color:
  - A) Surface lid color: white, grayish (transparent), light blue (transparent) are available.
  - B) Kneading board color: white.
6. Package: 1pc/box, 10pcs/ctn.
7. Mounting Ways: Surface mountings and Flush mountings are available.

Other types of distribution box are as follows:

Model	Type	Frame Dimension(mm)	Surface Mounted Dimension(mm)	Flush Mounted Dimension(mm)	Metal thickness	Frame Material	Cover Material
M8	2-4way	137*160	137*160*80	123*134*98	0.8	ABS	Transparent Pc
M8	4-6way	218*210	218*210*80	190*185*98	0.8	ABS	Transparent Pc
M8	10-13way	338*210	338*210*80	310*185*98	0.8	ABS	Transparent Pc
M8	14-18way	428*210	428*210*80	400*185*98	0.8	ABS	Transparent Pc
M8	19-22way	478*210	478*210*80	450*185*98	0.8	ABS	Transparent Pc
M8	20-26way	338*420	338*420*80	310*370*98	0.8	ABS	Transparent Pc
V9	8-10way	288*230	288*230*80	260*210*98	0.8	ABS	Transparent Pc
V9	10-14way	363*230	363*230*80	335*210*98	0.8	ABS	Transparent Pc
V9	15-20way	485*230	485*230*80	457*210*94	0.8	ABS	Transparent Pc

1. Item: Plastic/Iron distribution box

2. Type: MACANRO
3. Material: ABS
4. IP grade: IP40
5. Remark: Equipped with zero bar and earth bar, transparent door.
6. Included ways: 2ways, 4ways, 6ways, 8ways, 10ways, 12ways, 15ways,18ways, 24ways, 36ways.

**Detail photo:**



## Electrical Test Panel

Catalogue Number: EE 0019

Model number:



**Product Details :**

Place of Origin: China

**Specifications-**

Used to maintain all kinds of elctromotor, electric and electronic equipment, and light equipments.

The series electrical panel is fit for all kinds of ships, used as power equipment or test power equipment for marine electricians to maintain all kinds of electromotor, electric and electronic equipment, and light equipment.

## Marine Electrical Testing Panel

**Catalogue Number: EE 0020**

**Model number: testing panel**



**Product Details:**

Place of Origin: China, Brand Name: Lange, Marine electrical testing panel.

**Specifications-**

Good quality

High performance

CCS, BV, LR, GL.

Electrical testing panel is made for the nautical electrical to test, repair and maintain some small electrical appliances like motors, lighting devices and so on.



## Colored Marine Switch with Lamp

Catalogue Number: EE 0021

Model number: HHL302 / 202 / 402



### Product Details:

Place of Origin: China

Brand Name: HI-SEA

Part: Electric parts

Standard: DIN89270 (CB3411-92)

Certification: CCS/ABS/DNV/BV/etc

### Specifications-

Marine Switch with Lamp:

1. Marine switches with light.
2. Easy installation.
3. High quality.

*\*\* If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

**Note:** *Please specify the product details with Model number (if any) and Catalogue number.*

# Electrical control panel board

Catalogue Number: EEP 00022

Model Number: FM1100505-648



## Product Details:

Place of Origin: China

Brand Name: OEM/ODM

Plastic: Injection

## Specifications-

1. Mould & Tooling.
2. Competitive price.
3. Good quality

- SMT and AI
- Re-flow soldering with RoHS
- AOI inspection
- Wave soldering RoHS
- ICT+FCT testing

## Manufacturing procedure:

Material Receiving → IQC → Stock → Material to SMT → SMT Line Loading → Solder Paste/Glue Printing → Chip Mount → Reflow → 100% Visual Inspection → Automated Optical Inspection (AOI) → SMT QC Sampling → SMT Stock → Material to PTH → PTH Line Loading → Plated Through Hole → Wave Soldering → Touch Up → 100% Visual Inspection → PTH QC Sampling → In-Circuit Test (ICT) → Final Assembly → Functional Test (FCT) → Packing → OQC Sampling → Shipping for your door.

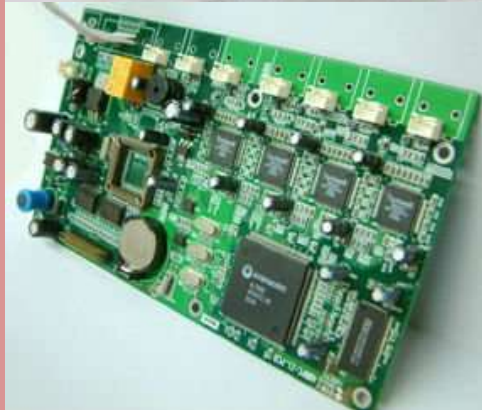
SMT machine	Yamaha and Sanyo machine
Minimum space size	0.3mm
Standard	ROHS&UL
NO.of IC	135PCS
Soldering compoent	6089 pcs
Minimum compoent size	0603
Technology	Though-hole technology
One-stop station EMS services provider	Yes
PCB process	HASL, Au plating, Au/SP immersion and OSP
PCB material	FR-4, CEM1, ROGERS PTFE
PCB layers	1 to 16
PCB fabrication, hand insertion, metal assembly and function test	Yes
Conventional coating	0201, 0402, 0603, 0805, 1210, 2512 placement
BGA minimum precision	0.5mm
IC minimum precision	0.4mm
Experienced components sourcing team Specially for scarce parts	Yes
1 to 16 layers mixed assembly technology, specialized in assembling boards for safety, industry control and power boards	Yes
Type of production line and support	Yes
Plastic injection factory ,Die-casting, sheet metal stamping factory ,X-ray and ICT test, function test and assembly line	Yes
Professional engineering staff to provide technical support	Yes

## Through-hole

### OEM/ODM/EMS Services for PCBA:

1. PCBA, PCB assembly: SMT & PTH & BGA
2. PCBA and enclosure design
3. Components sourcing and purchasing
4. Quick prototyping
5. Plastic injection molding
6. Metal sheet stamping
7. Final assembly
8. Test: AOI, In-Circuit Test (ICT), Functional Test (FCT)
9. Custom clearance for material importing and product exporting





- PCB assembly, PCBA contract manufacturing with one-stop service
  - Project evaluation and cost analysis
  - Component procurement and testing
  - Prototype and pilot running
  - Mass production and engineering tests
  - Plastic injection, metal die casting, and all kinds of metal process
  - Wire harness
  - Shipment and post-sale support
  - Circuit design and PCB layout
  - System integration and architecture
  - Mechanical design and wire harness
  - Firmware and software programming
  - Microprocessor technology and electronic construction

- Our product building experience range: industrial, automotive, storage, consumer, instrumentation, medical, networking, peripherals, telecommunications, and more

One-stop turnkey PCBA service  
 Emulation board design  
 Hard ware item  
 Schematic diagram  
 With plastic injection

## Circuit

pcb dvr card

- LCD display
- IR remote
- Temperature control range:  $\pm 3^{\circ}\text{C}$
- Over damp alarm
- Timing control

## Schneider breaker (400A 3P)

**Catalogue Number:** EEP 00023

**Model Number:** NSX400N



### Product Details

Place of Origin: China

Brand Name: SSPD

Model Number: NSX400N

Type: Moulded Case

Poles Number: 3

Rated impulse withstand voltage (kV): 8

Rated operational voltage (V): AC690

Rated insulation voltage (V): 800

Rated current (A): 400

## Specifications

Schneider Breaker  
 CE,CCC,ISO9001 approved  
 OEM more than ten years  
 High quality  
 IEC60947-2

Schneider breaker

Schneider breaker is the one of the most advanced type Circuit Breakers in the world, which adopts international advanced design and manufacture technology. Schneider breaker is suitable for short circuit and overload protection for circuit of AC 690V 50/60Hz, rated current from 12. 5A to 1600A. It takes protecting effect when motors non-frequent start, breaking off working and protecting overload, short circuit and lacking voltage. Fixed or withdraw able, front or rear connection, manual operating mechanism or motor mechanism is choice.

Electrical characteristics as per IEC60947-2 and EN60947-2

Schneider breaker SPECIFICATION:

Schneider breaker(NSX400)						
Number of poles					3,4	
Rated current (A)	In	40		400		
		65		400		
Rated insulation voltage (V)	Ui			800		
Rated impulse withstand voltage (kV)	Uimp			8		
Rated operational voltage (V)	Ue	AC	50/60Hz	690		
		DC		500		
Type of Circuit Breaker				N	H	L
Ultimate breaking capacity (kA rms)	Icu	AC 50/60 Hz	220/240V	85	100	125
			380/415V	36	70	125
			440V	35	65	125
			500V	30	50	90
			525V	22	35	90
			660/690V	8	10	50

Service breaking capacity (kA rms)	Ics	%Icu	%100
Utilisation category			A
Durability (C-O cycles)	Mechanical		5000
	electrical	400V In	1200

## Thermal over current circuit breaker types current overload electrical circuit breaker (RCD, RCCB, RCBO, and ELCB)

Catalogue Number: EEP 00024

Model Number: SEL



### Product Details:

Place of Origin: China

Brand Name: Seica.E

Model Number: SEL

Type: Earth Leakage

Poles Number: 2,4

ELCB: ELCB

### Specifications

Thermal over current circuit breaker types current overload electrical circuit breaker (RCD, RCCB, RCBO, and ELCB)

residual current devices RCCB wiring is in accordance with standards of VDE 0664, CEE27 and BS4293 etc., applying to the circuit of AC 50/60Hz, 240V single phase, 415V three phases and below it for industrial and mining enterprise, building trade, commerce and family. To mainly prevent electric fire and personal casualty accident caused by personal electric shock or leakage of electrified wire netting, this RCCB is a current-operated, fast leakage protector of pure electromagnetic type, which can break off fault circuit rapidly in order to avoid occurrence of accident. The item is precise in structure, less elements, without auxiliary power and high working reliability. The function of the switch won't be influenced by ambient temperature and lighting. The mutual inductor of the item is used to test vector differential value of passing current, and produces a Levant output power and adds its differential value of protected circuit



of personal electric shock is up to or over leakage operating current, the tripper will act and cut off so that the item will take effect of protection.

Thermal over current circuit breaker types current overload electrical circuit breaker(RCD, RCCB, RCBO, ELCB) low price high quality

## **Electrical circuit breaker (mcb, rcbo, rccb)**

**Catalogue Number:** EEP 00025

**Model Number:** GO65N



### **Product Details:**

Place of Origin: China

Brand Name: good, oem, ODM

### **Specifications-**

GO65N series circuit breaker belongs to the advanced level of the nineties in the world instead of the older generation of C45.

GO65N series circuit breaker belongs to the advanced level of the nineties in the world instead of the older generation of C45. They have protective functions as in shortage and overloading, and are used in lighting distribution system in industry, commerce and dwelling, and protect fractional electric motors. And they also have many merits of high protective grade (up to IP20), high breaking capacity, good reliability of sensitive action, convenient multi-pole assorting, long using life etc. They are mainly adapted to the circuit of AC 50Hz, 240V in single pole, 415V in double, three or four poles for protecting overload and shortage.

Meanwhile, they are also used in turning on or off the electric apparatus and lighting circuit under the normal condition.

## **Miniature Circuit Breakers Marine Circuit breaker**

**Catalogue Number:** EEP 00026

**Model Number:** 5SX



**Product Details:**

Place of Origin: China

Brand Name: CNKNGLI

Model Number: 5SX

Type: Mini

Poles Number: 2

white: MINI CIRCUIT BREAKER

INTERNATIONAL QUALITY: lowest  
FACTORY price

NAME:: MCB

**Specifications-**

5SX Control circuits Miniature Circuit Breakers marine circuit breakers

- 1. NEWEST SEIMENS ALIKE
- 2. FACTORY SUPPLY DIRECTLY



**5SX SIEMENS MCB MINI**

**Application**

K, N series miniature circuit breaker is mainly suitable for overload and short circuit protection. It is especially used for illumination and distribution in industry and commerce. It is of pleasing out-look, light weight, reliable performance, high breaking capacity, etc. Its frame and parts adopt plastics of high inflammable resistance and shock resistance for long service life. It is mainly used for overload and short circuit protection within the circuit of AC 50/60 Hz, rated voltage of single pole up to 230V, two, three or four poles up to 400V. It can also be used for an unfrequented switchover of the circuit and illumination under normal conditions.

**Specifications**

Number of Poles	1P, 2P, 3P
-----------------	------------

Rated current (A)	2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63
Rated voltage (V)	230/400 AC
Frequency	50/60Hz
Rated breaking capacity (A)	3000

5SQ SEIMENS NEWEST MCB

## MAIN SWITCH BOARD/CONSOLE for SHIP

Catalogue Number: EEP 00027

Model Number:



### Product Information

The main switch board provides the electricity generated from the generator to the electric facilities in a shipment.

The equipment is made for the easy applications such as LR, ABS, DNV, GL, BV, RINA, NK.

## Electrical distribution panel board

**Catalogue Number: EEP 00028**

**Model Number: XGN2-12**



**Product Details:**

Place of Origin: China, Brand Name: SuTong, Model Number: XGN2-12

Rated voltage(KV): 3.6,7.2,12, Rated current(A): 630/100;1250/2000;2500/3150,

Rated short circuit breaking current: 20;31.5;40.

Rated short-time withstand current: 20;31.5;40, Rated peak withstand current(KA): 50;80;100

Rated short circuit making current: 50;80;100 K.

Phase: 3 Protection grade: IP2X Operating mode: electromagnetic type, spring ene...

Overall dimensions (W\*D\*H): 1100\*1200\*2650(below...

**Specifications-**

Box type Stationary Metal-enclosed Switchgear

1.Rated voltage:3.6-12KV

2.Three phases AC

3.Rated current:630-3150A

Electric metal clad switch cabinet in the power system with rated voltage of 3.6-12KV

1.Rated voltage:3.6-12KV

2.Three phases AC

3.Rated current:630-3150A

**1.Descriptions and applications:**

XGN2-12 Box type Stationary Metal-enclosed Switchgear(i.e. switch cabinet),is used for accepting and distributing electric energy in the power system with rated voltage of 3.6-12KV,three phase AC,50Hz and rated current of 630-3150A.It's particularly suitable for frequent operation occasion.

Main Technical specifications:

No.	Items	Unit	Technical datas						
1	Rated voltage	KV	3.6	7.2	12				
2	Rated current	A	630	1000	1250	2000	2500	3150	
3	Rated short circuit breaking current	KA	20	31.5	40				
4	Rated short-time withstand current	KA	20	31.5	40				
5	Rated peak withstand current	KA	50	80	100				
6	Rated short circuit making current	KA	50	80	100				
7	Duration Time of short-time withstand current	S				4			
8	Protection grade		IP2X						
9	Bus bar system								

	Single bus bar, main and transfer busbar system, double bus bars		
10	Operating mode	electromagnetic type, spring energy saving type	
11	Overall dimensions (Width×Depth×Height)	Mm	1100*1200*2650(below 1250A)
12	Weight Kg	1000	

Overall and mounting dimensions (mm)

Height B 2300(2200)

Width A Rated current of the branch bus bar is ≤1250A, thermal stable current is 40ka 800(650)

Rated current of the branch bus bar is ≥1600A 1000

Depth CCable in-out line 1500

Arial in-out line1660

Width A	Height B	L1	L2	L3	L4
800	1500 Cable	530	630	150	490
	1660 Aerial	530	630	310	650
1000	1500 Cable	730	830	150	490
	1660 Aerial	730	830	310	650

Primary wiring scheme

**\*\*** *If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

**Note:** *Please specify the product details with Model number (if any) and Catalogue number.*

# Flashback Arrestor

Catalogue Number: FA 0001



## Product Description:

### Flashback Arrestor

1. Flame arrestor: Non-return valve
2. Filter protect the flashback arrestor from dirty particles
3. Prevent the transmission of flame of backfire or flashback upstream from the blow-pipe passing through the flashback arrestor into the equipment connected.

4. Max flow: Oxygen: 7000Lt/H

Acetylene: 2600Lt. /H

Model	Gas	For	Max Flow	Max Inlet	Inlet	Outlet
288-R	oxygen	Regulator	7000	10	9/16"x18 R.H.	9/16"x18 R.H.
288-L	fuel gas		2600	1.5	9/16"x18 L.H.	9/16"x18 L.H.

5. HS Code: 84689000

**\*\*** If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need! If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you

**Note:** Please specify the product details with Model number (if any) and Catalogue number.

# Thickness Gauge, Thickness Meter

Catalogue Number: GM 0001



## Product Description :

We have a large collection of Measurement & Meter, anemometer, dew point meter, portable dew point meter, humidity meter, humidity tester, psychomotor, digital psychomotor, insulation tester, lux meter, light meter, moisture meter, moisture tester, wood moisture meter, digital moisture meter, grain moisture tester, soil moisture meter, thickness gauge, coating thickness gauge, ultrasonic thickness gauge, metal thickness gauge, paint thickness gauge, thickness meter, thickness tester, ultrasonic thickness tester, paint thickness meter, coating thickness meter, sound level meter, digital sound level meter, stroboscope, digital stroboscope, tachometer, digital tachometer, temperature meter, thermometer, thermometer, infrared thermometer, digital thermometer, temperature meter, temperature data logger, temperature data recorder, ultrasonic distance meter, range finder, vibration meter, capacitance meter, metal detector, voltage detector, tire pressure gauge, digital tire pressure gauge, surface resistance tester, calibrator, process calibrator, gas detector, halogen leak detector, EMF meter, electronic scale, electronic weighing scale, pocket scale, glossiness meter, shore hardness tester, phase rotation tester, laser liner, tree huger, battery tester, water tester/equipment, gloss meter, window tint meter, laser diameter tester, pH meter, TDS meter, ORP meter, conductivity meter, conductivity tester, pH controller, ORP controller, pH monitor, ORP monitor, dissolved oxygen meter, pH electrode, ORP electrode, industrial pH electrode, industrial ORP electrode, refractor meter, magnetic stirrer, water hardness tester, Polari meter, fiber microscope. Laser level, automatic level, cross line laser, spectrophotometer. Multi meter, analog multi meter, digital multi meter, clamp meter, digital clamp meter, AC DC clamp meter, AC DC power clamp meter, digital AC clamp meter, digital special multi meter.

Model	TM-8810	TM-8811	TM-8812
Measuring range	1.5-200mm,0.06-8inch		1.2-225mm,0.05-9inch
Operating principle	Ultrasonic		
Materials	steel, cast iron, aluminum, red copper, brass, zinc, quartz glass, polyethylene, PVC,		

measured	gray cast iron, nodular cast iron	
Sound velocity	500-9000m/s	
Lower limit steel pipes	15x2.0mm, 20x3.0mm determined by the transducer	
Calibration block	included	
Resolution	0.1mm	
Accuracy	$\pm(0.5\%n+0.1)$	
Power supply	4x1.5vaa(UM-3) battery	
Battery indicator	low battery indicator	
Operating conditions	Temperature: 0-+45(32-104); Humidity $\leq 90\%RH$	
Dimensions	160x68x32mm	120x62x30mm
Weight	208g(not including battery)	164g

Principle	Application	Tested materials.
(F Type) Magnetic induction	Can measure the thickness of non-magnetic coating layers on magnetic substrate	Such as: (aluminum, chrome, copper, enamel, rubber, paint) on magnetic substrate (steel, iron, alloy and magnetic stainless steel)
(NF Type) Eddy current	Can measure the thickness of nonconductive coating layers covered on nonferrous substrate	Such as: (enamel, rubber, paint, vanish, plastic anodic-oxide layer) covered on nonferrous substrate (aluminum, brass, zinc, tin and nonmagnetic stainless steel)

Specifications	Model	CM-8825 in built probe(s)	CM-8828
		CM-8826 with separate probe(s)	
Operating principle	F Type	CM-8825FN / CN-8826FN	(F & NF)



	NF Type	(F & NF)	(only NF)	(only F)
Measuring range		0-1250um/0-50mil (default range)		
Resolution		0.1/1		
Accuracy		±1-3%n or ±2.5um		
Min. radius work piece		F: Convex 1.5mm / Concave 25mm N: Convex 3mm / Concave 50mm		
Min. measuring area		6mm		
Min. sample thickness		0.3mm		
Battery indicator		low battery indicator		
Metric/ imperial		convertible		
Power supply		4x1.5V AAA(UM-4)battery; Auto switch off		
Operating conditions		Temperature: 0--45(32--104), Humidity≤90%RH		
Dimensions & weight		126x65x27mm & 81g(not including battery)		
	Main unit	1		
	F Type probe	1	1	1
	N Type probe	1	1	1
	F Calibration base set	1	1	1
Standard delivery	N Calibration base set	1	1	1
	Calibration foil set	1 set (4 foils)		--
	Carrying case	B04		
	Instruction manual	1		

Optional accessories

Cable & software for RS-232C

## Vibration Meter

**Catalogue Number: GM 0002**

**Model Number: VM-xxx, SRVM-xxx**



### **Product Description:**

**Origin:** China

**MODEL: SRVM6908 vibration meter**

### **Specifications:**

- Amplitude Ranges:

Displacement: 1\_1999  $\mu$  M (or 200 mil) peak-peak

Velocity: 0.1\_199.9 mm/s (or 20 in/s) true RMS

Acceleration: 0.1\_199.9 m/s<sup>2</sup> (or 20 g) Peak

- Overall accuracy: +5%

- Temperature range: 0 - 40  $^{\circ}$ C

- Frequency response:

Displacement: 10-500Hz

Velocity: 10-1000Hz

Acceleration: 10-1000Hz (Inner accelerometer 908B)

10-10000Hz (Depending on external accelerometer model)

- Battery: 9V 6F22, 25 hours of continuous operation.

- Pickup: Accelerometer with handheld probe and /or magnetic base

- Dimensions: 13x 6x 2.3 cm; Weight: 200 g

## Pen-size Bearing Condition Detector

**Catalogue Number: GM 0003**

**Model Number: SRVM6909Z**

### **Specifications:**

- Amplitude Ranges:

Velocity 0.1\_199.9 mm/s (or 20 in/s) true RMS

High Frequency Acceleration Enveloping: 0.1\_20 units

- Linearity Accuracy: + 5% and 2 digits
  - Temperature range: 0 - 50° C
  - Frequency response (+ 10%):  
Velocity: 10-1000Hz  
Acceleration Enveloping: 5-2000Hz demodulated from 3kHz-10kHz
  - Battery: 1/2 AA, 3.6V, 4-7mA, >100 hours of continuous operation.
  - Pickup: Accelerometer with handheld probe and/or magnetic mount
  - Dimensions: 160× 25× 17 mm; - Weight: 120 g (Including battery)
  - Warranty: 3 years free
- Option: Single parameter vibration meter (VEL RMS) 908s

**MODEL: SRVM6909Z-6** Multi-Parameter Machine Condition Checker

Specifications:

- Accuracy + 5% +2 digits
- Measurement Range & Frequency response:  
Acceleration: 0.1 to 100 m/s<sup>2</sup> / 0.01 to 10 g / 10Hz~1kHz  
Velocity: 0.1 to 250 mm/s / 0.01 to 15 inch/s / 10Hz~1000Hz  
Displacement: 1 to 3000 μ M / 0.03 to 120 mil / 10 Hz~500Hz  
Enveloped Acceleration: 0.1 to 25 unit / 5Hz~2kHz demodulated from 3kHz~10kHz
- Battery: 1/2 AA, 3.6V, 20-29mA, >100 hours of continuous operation.
- Pickup: Integrated accelerometer with extension stinger
- Dimensions: 110x35x17 mm; Weight: 100 g (Including battery)

## Economic Vibration data collector

**Catalogue Number: GM 0004**

**Model Number: SRVM6911/SRVM6911D**

Features:

- Full automatic measurement of Vibration
- Automatic diagnosis of machinery faults by time domain characteristics: Askew index, Kurtosis index
- Envelope demodulation of acceleration for gears and bearings diagnosis
- Built-in ISO standard for machine health evaluation
- Full function Route Management with MCM3
- Optional Laser-aimed infrared non-contact temperature measurement module.

**MODEL: SRBA6904 2** channel data collector/analyzer/balancer

- Easy to use data collector
- 2 channels simultaneous sampling & display
- On-site 400-lines FFT spectrum and waveform display; Transfer function analysis;
- Data storage: 62 1024-point time waveforms and 240 data sets
- Acceleration envelope demodulation for rolling bearing and gear-box diagnosis

- On-site spectrum comparison function
- Inner or external trigger selectable
- Full featured 1 and 2-planes field balancing (10 sets balancing data storage; Balancing process clarified by vector graph; Trial weight estimation; Can remain or remove trial after balancing; Balancing weight decomposition)
- Balancing report automatic generation.
- 907 is the same instrument but without communication port for computer nor the software capability

## **MODEL: SRBA6907 2 channel data collector/analyzer/balancer**

**Catalogue Number: GM 0005**

**Model Number:**

### FEATURES:

- 1or 2 plane On-site Balancer
- 10 sets balancing data storage
- Process clarified by vector graph
- Trial weight estimation
- Trial can remain or be removed
- Trial validity test
- Balancing weight can be broken up to 2 required position
- Rechargeable battery for more than 10 hours continuous operation
- Dual-channel vibration Analyzer
- 400 lines FFT spectrum
- Acceleration envelope demodulation
- Storage: 240 vibration values & 62 waveforms of 1024 samples

SRVM6911H	Parameter	Maximum Measurement Range	Maximum Resolution	Frequency Range
	Displacement Peak-Peak value	2 mm	1 micron	10 – 500Hz
	Velocity RMS value	200mm/s	0.1 mm/s	10 – 1000Hz
	Acceleration Peak value	180m/s <sup>2</sup>	0.1 m/s <sup>2</sup>	10 – 2500Hz
	High Frequency Acceleration Envelope	20unit	0.1unit	5Hz-2kHz #
SRVM6908S	Measurement parameter RMS of vibration velocity (mm/s)			
	Range	0.1mm/s~199.9mm/s		

Accuracy	$\pm 5\% \pm 2$ digits
Frequency response	10Hz < f < 1000Hz, $\pm 10\%$
Display	4 digits LCD, refresh interval about 0.5 second
Power supply	1/2 AA, 3.6V, Operation Current 4-7mA
Battery capacity	> 100 hours continuously or 4000 times measurement
Operation environment	Operation Temperature: 0 o C~50 o C; Relative humidity: < 85%
Dimensions	160mm x 25mm x 17mm (WxDxH)
Weight	120g (include batteries)
Case Material	Aluminum

## Metal Detector

**Catalogue Number: GM 0006**

**Model Number:**



### Product Description:

Metal/Voltage Detector, Hand Held Metal Detector, hand-held Metal Detector, handheld Metal Detector, Electronic Metal Detector, Portable Metal Detector, security Metal Detector, Metal Detection, Voltage Detector, Stud Detector, Stud Finder, AC wire detector, Stud Metal Detector, Stud /Metal Detector, Stud /Metal /AC wire Detector, Walk Through Metal Detector, Walk-Through Metal Detector, Metal Detector Door, Metal Detector Gate, Arc way Metal Detector, underground metal detector, auto-conveying metal detector

We are introducing process calibrator, Voltage/mA Calibrator, Temperature Calibrator, Process Source Calibrator, Temperature Simulator Calibrator, Thermocouple Calibrator, RTD Calibrator, Loop Calibrator.

## **MD3001**

Handheld Metal Detector

Function features:

- \*It features simple operation, exquisite design, convenient conservation and low failure rate.
- \*Highly sensitive, it can easily detect pin-sized metal articles (or even smaller metal articles).
- \*Its sensitivity can be adjusted according to the on-site requirements.
- \*Indication of low battery voltage (LED light is always on).
- \*It is praise worthy that its price/performance ratio is higher than other products of the same category.
- \*There are two kinds of alarms, including sound & light and vibration.

Product parameters:

External dimensions: Length 395 mm\*140 mm

Product weight: 20/box, 7.4 kg/box,

Packaging dimensions: 52.5 cmX31.6 cmX37.8 cm

Working power supply: 6F22ND 9 V battery (alkaline battery, rechargeable battery)

Alarm modes: sound & light, vibration (switch)

## **MD3003B1**

Handheld Metal Detector with Red LED Alert

Introduction:

The MD-3003B1 is a high performance Hand Held Metal Detector designed to meet the exact requirements of the security industry. Typical uses will include body search for offensive weapons in crowd control, airport and border security, checking parcels and letters for metal objects and anywhere that hidden metal needs to be detected.

Function:

- (1) Highly sensitive;
- (2) Simple and convenient to use, no adjustment is required;
- (3) The detection distance will not be changed when the battery voltage drops from 9V to about 7V;
- (4) Low power consumption, can work for 40 hours continuously;
- (5) Audio/vibration LED alarm;
- (6) There is automatic and continues alarm when the battery is used up;
- (7) Switch on/off audio or vibration prompt function;
- (8) High/low sensitivity

Detection distance:

Pin: 30-60mm

64 model handgun: 150mm

6 inch long knife: 160mm

Diameter 20mm Steel ball: 90mm;

Sensitivity: A 25-cent coin: 2.5 inch(0.6 inch)

Iron pipe-tube in 20mm: 4 inch(1.2 inch)

Specification:

Power Voltage: 9V Standard (6F22) or Rechargeable Battery  
Power: 270mW  
Adjustment: Continuous  
Alert: Audio, LED light, Vibration (for TS90A)  
Dimensions (W× L× T): 80× 420× 40 mm  
Weight: 430g (with battery)

## **MD3003**

Handheld Metal Detector

Function features:

- \*Simple and convenient operation
- \*It can easily detect pin-sized metal articles (3.5cm to the probe).
- \*It with a large detecting area can complete the detection by moving from top to bottom, greatly improving the working efficiency.
- \*It has an independent battery low voltage system and the yellow light will be on.
- \*It has double indication modes, namely sound & light and vibration to accurately and rapidly judge the metal position.
- \*With shielded damp-proof sensitivity adjusting hole, it seldom fails and is economic and durable.

Product parameters:

External dimensions: Length 415 mm\*65 mm\*40 mm  
Packaging dimensions: 44.5 cm\*26.5 cm\*52 cm  
Unit gross weight: 0.5 KG/PCS  
Product weight: 25/box, 13.3 kg/box  
Working power supply: 6F22ND 9 V battery (alkaline battery, rechargeable battery)

## **MD3008**

Introduction:

The MD3008 is a high performance Hand Held Metal Detector designed to meet the exact requirements of the security industry. The special design of it's detecting area makes this model has very high sensitivity. It is adopted PC+ABS for mould material, and has functions of durable material, fine workmanship, and easy carry. The distinguishing feature is the streamlined design. Typical uses will include body search for offensive weapons in crowd control, airport and border security, checking parcels and letters for metal objects and anywhere that hidden metal needs to be detected. It can be charged and has powerful functions, low battery indicator, LED with buzzer or vibration alarm. It is a good helper of security detecting

Function:

- (1) Streamlined, elegant appearance, super sensitivity.
- (2) Detect ferrous and non-ferrous metal.
- (3) 2 kinds of alarm method: buzzer & LED alarm; vibration & LED alarm.

- (4) Adjustable sensitivity, easy use
- (5) Low battery indicator/ Charge Lamp gives a timely alert
- (6) After installing chargeable battery (\*Optional) in the battery compartment, you can charge the device directly.

Components:

A Charger

A Rechargeable Battery

Detection distance:

The sensitivity of the detector is determined primarily by the size, shape and composition of the object to be detected. Typical performance figures are given below:

Pin: 30-60mm

One coin: 75-100mm

6 inches knife: 160-180mm

64model hand gun: 180-195mm

Specification:

(1) Power: 9V (6F22) standard or rechargeable battery (\*Optional)

(2) Frequency: 35KHz

(3) Voltage: 9V (6F22)

(4) Weight: 225G (without battery)

(5) Size: 40(L) × 8(W) × 4(H)cm

(6) Operating Temperature: -20 to +55

Package:

(1) G. W. /Unit: 420g

(2) Size/Unit: 50\*10\*5cm

(3) Qty. /CNT: 30pcs

## Gas Detector

**Catalogue Number: GM 0007**

**Model Number:** AR-xxx, HST-xxx, HSTDx-xxx



**Product Description:**

**Origin:** China

Dimensions: 65 \* 110 \* 30mm

SPD200B/CO Gas detector of Carbon Monoxide



Measurement display: Displays with 4 digit LCD  
Operation temperature: -10~50° C (14~122° F)  
Storing temperature: 0~40° C(32~104° C)  
Operation humidity: 0~99%RH (relative humidity)  
Storing humidity: 20%~80% RH (relative humidity)  
Measuring range: 0~1000PPM  
Resolution: 1PPM  
Measurement error: ± 5%  
Over measurement range display: --OL--  
Alarming method: Acousto-optic alarming  
Working principle of the sensor: Electrochemistry sensor  
The service life of the sensor: 2 years (it can be then replaced)  
Power supply: 3× 1.5V AAA alkaline batteries  
Battery service life: About 100 hours of continuous use (when the backlight is off).  
Size: 172× 51× 26 (mm)

#### SPD201/O<sub>2</sub> Gas detector of Oxygen, OXYGEN GAS ALARM DETECTOR

Measurement display: Displays 4 digit LCD  
Operation temperature: -10~40° C (14~104° F)  
Storing temperature: 0~30° C (32~86° F)  
Operation humidity: 0~99%RH (relative humidity)  
Storing humidity: 20%~80% RH (relative humidity)  
Measuring range: 0~25%(VOL)  
Resolution: 0.1 %( VOL)  
Measurement error: ± 0.5%  
Over measurement range display: --OL--  
Alarming method: Acousto-optic alarming  
Working principle of the sensor: Source cell sensor  
The service life of the sensor: 2 years (it can then be replaced)  
Power supply: 3× 1.5V AAA alkaline batteries  
Battery service life: About 100 hours of continuous use (when the backlight is off).  
Size: 172× 51× 26 (mm)

#### SPD202/Ex COMBUSTIBLE GAS ALARM DETECTOR

Gas detector of Combustible gas  
Measurement display: LCD display  
Operation temperature: -10~60° C  
Operation humidity: 0~90%RH (relative humidity)  
Measuring range: 0~100%LEL  
Resolution: 0.1 %  
Alarming method: Acousto-optic alarming

## Single Gas detector of carbon monoxide

**Catalogue Number: GM 0008**

**Model Number: HSTDx70**

## Technical performance and parameters

Gas for detect: Carbon monoxide in the air (CO)

Range: 0-999ppm

Precision:  $<\pm 5\%$  (F. S)

Least count: 1ppm/0.1ppm

Response time:  $\leq 25$  sec

Lithium ion rechargeable battery, 3.6V

Battery working period: 15 hours uninterrupted (combustible gas)

About 200 hours (except combustible gas)

Sensor service life: 3 years for combustible gas sensor, 2 years for oxygen and noxious gas sensor

Display: Large screen LCD

Alarm: Audible and visible alarm

Direct reading: Instantaneous value, peak value, battery voltage, TWA, STEL

Ex-mark: Ex ibdIICT3

Protection degree: IP45

Work temperature:  $-10\sim 40^{\circ}$  C

Work humidity:  $5\sim 90\%$  RH

Size: 126mm (L) x 66mm (W) x 32mm (H)

Weight: 220g (with charger)

## MODEL

## HST80

Detection	natural gas, LPG, goal gas and etc..
Sensor	planar semiconductor
Warm up time	within 60 seconds
Rnage of detection	CH4: 0 ~ 100% LEL
Alarm Frequency	2.713kHz / 30ms 2.713kHz / 100ms
Range of alarm	$\sim 2\%$ LEL (LED Yellow) $\sim 10\%$ LEL (LED Red)
Alarm time	within 20 seconds
Alarm mode	LED, buzzer
Working temperature	$-20C \sim 70C$
Working humidity	less than 90% RH
Power source	AA 1.5V * 2
Dimension	220 * 20 * 20 mm
Weight	approx. 80g

## MODEL

## HST82

Detection	R11, R113, R134A, R409A, R410A, Freon, alcohol, Nh4, Toluene and
-----------	--

	Acetone
Sensor	planar semiconductor
Warm up time	within 60 seconds
Range of detection	CH4: 0 ~ 100% LEL
Alarm Frequency	2.713kHz / 30ms 2.713kHz / 100ms
Range of alarm	~10ppm (LED Orange) R134A ~80ppm (LED Red) R134A
Alarm time	within 20 seconds
Alarm mode	LED, buzzer
Working temperature	-20C ~ 70C
Working humidity	under 90% RH
Power source	AA 1.5V * 2
Dimension	220 * 20 * 20 mm
Weight	approx. 80g
MODEL	HST8800A+
Detection	natural gas, LPG, artificial goal gas and etc..
Sensor	planar semiconductor
Warm up time	less than 60 seconds
Alarm	20Hz ~ 5KHz
	~1% LEL LED1 flashing, without buzzer
	~2% LEL LED2 flashing, with buzzer
Range of alarm	~5% LEL LED3 flashing, with buzzer
	~10% LEL LED4 flashing, with buzzer
	~20% LEL LED5 flashing, with buzzer
Alarm mode	LED, buzzer
Working temperature	-20C ~ 70C
Working humidity	less than 90% RH
Power source	Li cell 3.7V 1100mA/h
	10% red LED1
	20% red LED2
Indication of charge	30% red LED3
	40% red LED4
	50% red LED5
	Level 0, red LED3
	Level -1, red LED2
Indication of sensitivity	Level -2, red LED0
	Level +1, red LED4
	Level +2, red LED5

Dimension	275 * 70 * 30 mm
Weight	approx. 220g
MODEL	HST5750A+
Detection	Freon, benzene, alcohol, acetone
Sensor	planar semiconductor
Warm up time	less than 60 seconds
Alarm	20Hz ~ 5KHz ~1% LEL LED1 flashing, without buzzer ~2% LEL LED2 flashing, with buzzer
Range of alarm	~5% LEL LED3 flashing, with buzzer ~10% LEL LED4 flashing, with buzzer ~20% LEL LED5 flashing, with buzzer
Alarm mode	LED, buzzer
Working temperature	-20C ~ 70C
Working humidity	less than 90% RH
Power source	Li cell 3.7V 1100mA/h
Indication of charge	10% red LED1 20% red LED2 30% red LED3 40% red LED4 50% red LED5 Level 0, red LED3 Level -1, red LED2
Indication of sensitivity	Level -2, red LED0 Level +1, red LED4 Level +2, red LED5
Dimension	275 * 70 * 30 mm
Weight	approx. 220g

## **MODEL HST880**

Detection	natural gas, LPG, goal gas.
Sensor	thermal linear semiconductor sensor
Range of detection	0 ~ 6000ppm
Bootup time	<= 20 seconds
Alarm frequency	200Hz ~ 5kHz
Range of alarm	>= 500ppm
Alarm mode	LED, buzzer
Working temperature	0°C ~ 50°C
Working humidity	under 90% RH

Power Source	Li cell 3.7V 650mA/h
Battery Indication	LCD displayed
Auto Power Off	10 minutes after standby (buzzer alarm in last 30 seconds)
Dimension	275 * 70 * 30 mm
Weight	approx. 220g

## **MODEL HST881**

Detection	carbon monoxide (CO)
Sensor	electrical chemistry sensor
Bootup time	<= 20 seconds
Range of detection	0 ~ 1000ppm
Resolution	1ppm
Accuracy	5% or 10ppm
Alarm frequency	200Hz ~ 5kHz
Range of alarm	>= 40ppm
Alarm mode	LED, buzzer
Working temperature	0°C ~ 50°C
Working humidity	under 90% RH
Power Source	Li cell 3.7V 650mA/h
Battery Indication	LCD displayed
Auto Power Off	10 minutes after standby (buzzer alarm in last 30 seconds)
Dimension	275 * 70 * 30 mm
Sensor Life time	>= 5 years
Weight	approx. 220g

HSTDx80	Gas for detect	Range	Precision	Least count	Response time
	Oxygen (O <sub>2</sub> )	0-30%Vol	< ±5% (F.S)	0.1%Vol	≤ 15 sec
	Combustible gas (E <sub>x</sub> )	0-100%LEL	< ±5% (F.S)	1%LEL	≤ 5 sec
	Carbon monoxide (CO)	0-999ppm	< ±5% (F.S)	1ppm	≤ 25 sec
	Hydrogen sulphide (H <sub>2</sub> S)	0-100.0ppm	< ±5% (F.S)	1ppm	≤ 30 sec
	Sulfur dioxide (SO <sub>2</sub> )	0-100.0ppm	< ±5% (F.S)	0.1ppm	≤ 30 sec
	Nitrogen monoxide (NO)	0-250ppm	< ±5% (F.S)	1ppm	≤ 60 sec
	Nitrogen dioxide (NO <sub>2</sub> )	0-20ppm	< ±5% (F.S)	0.1ppm	≤ 25 sec
	Chlorine (Cl <sub>2</sub> )	0-20ppm	< ±5% (F.S)	0.1ppm	≤ 30 sec
	Ammonia (NH <sub>3</sub> )	0-100ppm	< ±5% (F.S)	1ppm	≤ 50 sec
	Hydrogen (H <sub>2</sub> )	0-1000ppm	< ±5% (F.S)	1ppm	≤ 60 sec
	Hydrogen cyanide (HCN)	0-50ppm	< ±5% (F.S)	0.1ppm	≤ 200 sec
	Hydrogen chloride (HCl)	0-20ppm	< ±5% (F.S)	0.1ppm	≤ 60 sec
	Carbon dioxide (CO <sub>2</sub> )	0-100000ppm	< ±5% (F.S)	0.01ppm	≤ 50 sec

# Pocket Portable Digital Thickness Gauge Meter

**Catalogue Number:** GM 0009

**Model Number:** S-FG98



## Product Description

**Origin:** China

**Measuring Range:** 0 to 1800 $\mu$ m; M

Name: Pocket portable digital thickness gauge meter (S-FG98)

Description \*Use Hi-sensitivity sensor for precise measurement

\*Zero point, two point and basic, three different calibration

\*Measuring mode: Single, Continually and Difference

\*Data store/ Data recall/ Data delete function

\*Data Analysis: Average, Maximum, Minimum, Standard deviation and measuring times

\*Beep sound indication

\*Measure in Metric/Imperial

\*LCD backlight display

\*Low battery indication

\*Auto power off

Parameters:

Measuring range: 0 to 1800 $\mu$ m; Accuracy:  $\pm$  (3%H+1); Resolution: 0.1 $\mu$ m; Maximum 1000 record storage

Size: 72\*146\*29 mm

# Ultrasonic Thickness Gauge Meter

**Catalogue Number:** GM 0010

**Model Number:** TM881



## Product Description

Ultrasonic Thickness Gauge Meter

Model: TM8811.

**Advantage:**

- \* Uses Microcomputer LSI circuit and crystal time base to offer high accuracy measurement & fast measuring time
- \* With wide measuring range of 1.5mm ~ 200mm, high resolution with Low Battery Indicator
- \* Has CE marking, conforms with the essential health and safety requirements set out by the European Directives
- \* With high power emission and broad band of receiving sensitivity, the gauge can match probes of different frequencies. It is widely used in almost all types of industries to measure rough surfaces and even cast iron with ease
- \* Capable to give measurements of many of materials including Steel, Cast iron, Aluminum, Red copper, Brass, Zinc, Quartz glass, Polyethylene, PVC, Gray cast iron, Nodular cast iron
- \* Automatically switch off after about 2 minutes from the last key operation
- \* Features instant results that's clearly & legibly shown on an easy-to-read LCD screen and gives exact reading with no guessing or errors.

**Brief Specifications:**

Operating principle: ULTRASONIC

Measuring range: (metric/imperial)1.5~200mm, 0.06-7.87inch (45# steel)

Resolution: 0.1mm / 0.001inch

Accuracy:  $\pm(0.5\%n+0.1)$

Sound velocity: 500 - 9000 m/s

Operating Temperature: 0°C-50°C (32°F-122°F)

Operating Humidity: Less than 80% RH

Display: 4 digits, 10mm LCD.

**Material Selection**

No Code Material

1 Cd01 Steel

2 Cd02 Cast iron

3 Cd03 Aluminum

4 Cd04 Red copper

5 Cd05 Brass

6 Cd06 Zinc

7 Cd07 Quartz glass

8 Cd08 Polyethylene

9 Cd09 Gray cast iron

10 Cd10 Gray cast iron

11 Cd11 Nodular cast iron

12 Cd12 Sound velocity.

Battery: 4 x 1.5V AAA (UM-4) battery (not included)

Packing: Protective Carrying Case with contoured rubber compartments.

# Electro Connecting Pressure Gauge

Catalogue Number: GM 0011

Model Number:



## Product Description:

**Origin:** China

Ammonia gauge

1. High test precision.
2. Unique design.
3. Easy operation.
4. Good quality

	Name	Type	Accuracy class
	General electro connecting pressure gauge	YX150A	
	YXC electro connecting pressure gauge	YX150C	
<b>Electro connecting pressure gauge</b>		YAX150A	
	Ammonia electro connecting pressure gauge Stainless steel	YAX150C	1.6
		YAX150A	
	Ammonia electro connecting pressure gauge electroplate	YAX150C	



# Tachometer Gauge / Meter

Catalogue Number: GM 0012

Model Number: LED602705RED



## Product Description

Origin: China

## Feature:

- 1) 2.5' (60mm) High Contrast LED Tachometer Gauge
- 2) Lens Color: Silver, Black, Clear
- 3) Aluminum Ring
- 4) Series include: Voltage / water temp. / oil temp. / oil pressure / tachometer/vacuum/turbo/exhaust temp. / air-fuel ratio gauge

Inner packing: Color box

Outer packing: 50pcs/ctn

Carton size: 67 x 36 x 43cm

N. W.: 20kg

G. W.: 21kg

# Auto Meter, 2"/52mm LED Gauges

Catalogue Number: GM 0013

Model Number:



**Product Description:**

**Origin:** China

**Feature:**

1) 2" (52mm) LED Water Temperature Gauge

2) Series include: Voltage / water temp. / oil temp. / oil pressure / tachometer/vacuum/ turbo / exhaust temp. / air-fuel ratio gauge

Inner packing: Color box

Outer packing: 50PCS/CTN

Carton size: 67 x 36 x 43cmN. W.: 20kg

G. W.: 21kg.

# Defi Oil Temp Gauge / Oil Temp Meter

Catalogue Number: GM 0014

Model Number:



## Product Description:

60mm defi-link bf series auto meter / defi oil temp gauge / oil temp meter

1, defi-link meter bf series auto gauge. High performance turbo gauge, oil press gauge, volt gauge, oil temp gauge, water tem gauge, tachometer & vacuum gauge are available.

2, units: Si units,

3, gauge dials are invisible while the ignition switch is off. Once the ignition switch is turned on, a clear display appears with white LED illumination. A red emitting needle pointer increases visibility.

4, the illumination color can be chosen from white, amber red, and blue

5, double warning function by a meter's LED lamp and a beep

6, defi-link meter bf is applicable only for 12V vehicles

7, can work well without the control unit

8, this is universal meter gauges that can fit any car

9, defi-link meter bfs can be connected to defi-link control unit ii. Up to 6 gauges can be connected and controlled by one control unit ii. The name of the connection system is "defi-link system. " defi-link system allows gauges to be attached to defi-link control unit ii with a single "daisy chain" wiring system.

10, Gorgeous opening mode and ending mode.

11, compatible with defi single meter visor.

12, compatible with defi regular position bezel.

13, brightness can be adjusted. There are 10 stages of brightness, 5 stages in the daytime and 5 stages in the nighttime. The brightness decreases being interlocked with the illumination switch on. The decrease in lights can be canceled.

14, driving data can be stored and can be replayed up to 3 minutes.

15, differential pressure between fuel pressure and turbo can be shown if both of fuel pressure meter and turbo meter are installed.

# Apexi 60mm Water Temp Gauge / Water Temp Meter

Catalogue Number: GM 0015

Model Number:



## Product Description

Apexi 60mm Auto Gauge / Apexi Auto Meter - Apexi 60mm Water Temp Gauge / Water Temp Meter

- 1, Using the stepper motor instead of the electronic motor, display more accurately.
- 2, Gauge Models available: Boost, Oil Press, Oil Temp, Water Temp, Tachometer, Volts, Vacuum.
- 3, Universal models with install mount that fit for any car make.
- 4, Color: Black case & Silver rim.
- 5, EL gauge face: Black & white color
- 6, Material: Advanced ABS plastic material.
- 7, All mounting hardware.
- 8, Detailed installation instructions.
- 9, Electronic Gauges has Opening Sweep Movement.
- 10, No control unit required.

# Fuel Temperature Gauge

Catalogue Number: GM 0016

Model Number:



## Product Description:

Operating voltage: 12/24V

Assembly hole: 52mm

Display range: 40 - 120 Celsius degree(water temp gauge); 50 - 150 Celsius degree(fuel temp gauge);

Input signal: 300 - 46 - 23 Ohms, or 560 - 46 - 23 Ohms(water temp gauge); 362 - 40 - 20 Ohms (fuel temp gauge); It can also be customized;

Type: Moving magnet gauge, featuring good endurance and anti-vibration performance

Description: Material and color of Bezel(stainless steel, stainless steel nickel-plated, white plastic, black plastic) and gauge panel(white or black or digital) can be customized.

Application: Be suitable for all kinds of water and fuel temperature sensors, and display the water and fuel/oil temperature.

# Vertical Manometer

Catalogue Number: GM 0017

Model: 3004N-V/3010N-V/3016N-V



**Product Description :**

<u>Code</u>	<u>Size</u>
3004N0002V	0-4 MPa 1/4"
3006N0002V	0-6 MPa 1/4"
3010N0002V	0-10 MPa 1/4"
3016N0002V	0-16 MPa 1/4"

**\*\*** If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!

If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you

**Note:** Please specify the product details with Model number (if any) and Catalogue number.

# Marine gear box

Catalogue Number: GB 0001

Model number: 300 series



## Product Details:

Place of Origin: China

Part: Engine/Motor

## Specifications-

This 300 series marine gear box is suitable for engine of power below 260-750Hp. This

300 series marine gear box is suitable for engine of power below 260-750HP

Provide CCS certificate.

Provide housing.

Input: 750 to 2500rpm

More similar products:



[Marine Gear Box](#)



[FD06 Marine Gear Box](#)

## High quality Marine gear box

Catalogue Number: GB 0002

Model number: T400



### Product Details:

Place of Origin: China

Brand Name: Fenjin

Model Number: T400

Gearing Arrangement: Helical

Rated Power: 331-595

Input Speed: 1000

Output Speed: 1800

### Specifications-

T400 supply high quality marine gear box

top quality. T400 supply high quality marine gear box

\* Models including 135A, 170, 242, 300 series, 400 series...etc

\* Most parts are universal to Advance gearbox

\* Available for us to DESIGN SOLUTIONS for propulsion system, like engine with gearbox or gearbox with shafting and propeller, etc

\* All products available approved by CCS, GL, LR, NK, etc., Certificated of Quality System ISO9001:20001



# Marine hydraulic coupling transmission box

Catalogue Number: GB 0003

Model number: YOTZJ700/750



## Product Details:

Place of Origin: China

Brand Name: CNPC

Model Number: YOTZJ700/750

Gearing Arrangement:  
hydraulic coupling gear

Rated Power: 600~1200 kW Input Speed: 1000~1500 r/min

Speed adjustable range: 1~1/3 Rated efficiency: ≥96%

## Specifications

Inlet adjusting to realize the adjustment of speed, with advantages of on-load start up.

YOC series marine hydraulic coupling transmission box

YOC series marine hydraulic coupling transmission box has advantages of on-load startup, overload protection, torsional vibration isolation, impact mitigation, stepless speed regulation, quick and steady clutch, and can replace traditional machinery reducer of engineering ships, improve system transmission quality and help resolve defects in conventional configuration. It is the best power transmission equipment of power units for engineering ships.

Hydraulic Transmission Business Division has designed series products with transmission power of 100 kW~8000 kW based on special working conditions of engineering ships such as dredger, sand pump vessel and fishing boat etc. The series products have the advantages of high performance, reliable working and easy operation and maintenance.

Technical parameters of marine hydraulic coupling transmission box

Parameters	YOCQH 1000	YOCQH 1000A	YOCQH 1000B	YOCQH 1000C	YOCH87 5	YOCH7 50	YOCH6 50	YOCH5 60
Model								
Input speed(r/min)	290	600	600	600	1000~1 500	1000~1 500	1000~1 800	1000~1 800
Transmission(kW)	1600	2200	4500	3000	1000~3 000	1000~3 000	200~18 00	100~10 00
Rated slip	3% ~ 5%							

Output speed(r.min)	290	300	300	300	290~720	395~960	395~1155	195~1155
Transmission ratio	0.98	1.95	1.93	1.95	2.0~3.3	1.51~2.45		
Working oil temperature(°C)	≤110°C							
Oil products applied	No.6 or No.8 hydraulic transmission oil (No.6 hydraulic transmission oil is applied at the ambient temperature of above -20 °C, and No.8 hydraulic transmission oil is applied at the ambient temperature of below -20 °C)							
Cooling method	Water cooling							
Overall dimensions(length width height m)	2140×1956×20	2140×1956×20	2532×288×21	2140×1956×20	1700×1700×21	1586×970×179	1350×970×165	1350×970×165
Weight(kg)	6850	8450	9850	8450	3450	2500	2300	2000

The above parameters are only for reference, and special design and supply can be conducted in accordance with the requirements of customers.

Parameters provided by the order customer:

Power engine parameters: rated output power, rated output speed, center height and connector size.

Mud pump parameters: rated input power, rated input speed, and centre height and connector size.

## Advance Marine gear box

**Catalogue Number: GB 0004**

**Model number: HCT800**



Product Details:

Place of Origin: China	Brand Name: Advance	Model Number: HCT800
Gearing Arrangement: Planetary	Rated Power: 500-1125KW	Input Speed: 800-1800r/min
Output Speed: 500-1125kw	Transmission capacity: 0.48-	Reduction ratio: 5-8:1

0.625kw/rpm  
 Shell: SAE 00 0      Flywheel: SAE21 18 16      Dimension: 1056\*1280\*1425mm  
 Weight: 2700kg

**Specifications-**

- 1) Transmission capacity:0.48-0.625kw/rpm
- 2) Reduction ratio:5-8:1
- 3) Rated screw thrust:140KN

**HCT800 marine gearbox technology parameters**

Input speed: 800-1800r/min  
 Reduction ratio: 5-8:1  
 Transmission capacity:0.48-0.625kw/rpm  
 Rated thrust: 140KN  
 Centre distance: 450mm  
 Dimension: 1056\*1280\*1425mm  
 Weight: 2000kg  
 Operating method: Push pull flexible shaft  
 Flywheel: SAE18 16 21  
 Housing: SAE00 0

## Marine gear box

**Catalogue Number: GB 0005**

**Model number: 135A**



**Product Details:**

Place of Origin: China      Brand Name: Advance      Model Number: 135A  
 Gearing Arrangement: Helical      Rated Power: 270      Input Speed: 1000-2500

**Specifications-**

135A Marine Gearbox

Power/speed(kw/rpm):100/1000~200/2000

Ratio(i)	2.03	2.59	3.04	3.62	4.11	4.65	5.06	5.47	5.81
Rate(kw/rpm)	0.10				0.093		0.088	0.077	0.070
Rated thrust propeller:	29.4KN						Center distance:225mm		

Bell housing: 6135Ca SAE1

Flywheel:6135Ca SAE14

L×W×H:578×744×830mm

Net weight:470kg

Control type: push-and-pull flexible shaft (recommended), electric control

Partial engine: 6135Ca, H615,NT-855-M240...

\* Models including 135A. 170, 242, 300 series, 400 series...etc

\* Most parts are universal to Advance gearbox

\* Available to DESIGN SOLUTIONS for propulsion system, like engine with gearbox or gearbox with shafting and propeller,, etc

\* Certificated of Quality System ISO9001:20001

## Advance light high-speed Marine gear box

Catalogue Number: GB 0006

Model number: HCQ300



### Product Details:

Place of Origin: China

Brand Name: Advance

Model Number: HCQ300

Gearing Arrangement:  
Planetary

Rated Power: 250-575KW

Input Speed: 1000-2300rpm

Output Speed: 1000-2300rpm

Reduction ratio: 1.06-2.38:1

Housing: SAE 0 1

Thrust: 40KN

Net weight: 370kg

Transmission capacity:  
0.250kw/rpm

### Specifications-

commodity description:

**HCQ300 MARINE GEARBOX**

**MAX.782HP at 2300RPM**

Engine Speed:1000~2300RPM

Ratio	1.06	1.46	2.05	2.38
Rate(hp/rpm)	0.34	0.34	0.34	0.32

L\*W\*H : 533\*681\*676mm

Net Weight : 350Kg

Bell housing:SAE0,1

Flange:SAE 18,16,14

Options/Comments : Mechanical remote operation

Centre distance : 203mm

Engine : KTA19-M600;CAT3412T;TBD234V12...

# Gear Box Monitoring Instrument [RPM, MPa, Temp]

**Catalogue Number: GB 0007**

**Model number: YD-120**



**Product Details:**

Place of Origin: China

Brand Name: Linhai yida electronics

Power: Electronic

## **Specifications-**

Gear Box Monitoring Instrument

1. Use good quality sensor
2. Metal material, good quality
3. Give audible and visual alarm

Feature:

- 1) Readout: RPM, Oil pressure (MPa), Oil Temperature (°c), Water Temperature (°c)
- 2) Give audible and visual alarm, when each value exceed or less than settings. Each value's level is adjustable for users.
- 3) Metal material, digital display tube with high-brightness,
- 4) Use good-quality sensors.

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*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

*Note: Please specify the product details with Catalogue number and Model number (if any).*

# Hatch cover

**Catalogue Number: HC 0001**

**Model number: Side rolling/Hydraulic folding/**



## **Product Details:**

Place of Origin: China

Brand Name: Qiulin

Part: hatch cover

## **Specifications-**

1. Approved by GL, LR, DNV, BV, ABS and CCS
2. High quality
3. Competitive price
4. export

Hatch cover (side rolling/Hydraulic folding/living away)

We can supply many types of hatch covers for shipyard

Can produce ship hatch cover according to customer's design

Suitable for domestic and overseas ship building

These are approved by GL, LR, DNV, BV, ABS and CCS

Material is by special high tension plate approved by the marine society like GL, LR, DNV, BV, ABS and CCS

NDT for all the important welds

Painted to anti corrosive in the sea

All certificate and inspection report offered

## Hatch cover on hull deck for shipyard

Catalogue Number: HC 0002

Model number:



## Marine hatch cover

Catalogue Number: HC 0003

Model number:



### Product Details:

Place of Origin: China

Brand Name: Hi-Sea

Part: marine outfitting, Marine Hardware

Certification: CE

Model Number: various

### Specifications-

Marine Hatch Cover

1. According to international and domestic standard

2. Certificate: CCS, BV, GL NK, DNV, ABS. etc.

Marine Hatch cover:

1. Material: steel or aluminum

- 2. Watertight or weather tight, fireproof
- 3. Customized size
- 4. Certificate: CCS, BV, GL, NK, DNV, ABS, LR

## Hatch Cover Seal for Ship

Catalogue Number: HC 0004

Model number: Hatch Cover Seal for Ship



### Product Details:

Place of Origin: China

Part: sponge covering of warehouse

size: all sizes

Brand Name: xl

material: epdm rubber & PVC plastic

color: black

Function: ship sealing, hatch cover rubber seal...

### Specifications-

Hatch Cover Seal for Ship

- 1.ship/hatch cover sealing use
- 2.waterproof, shock proof, anti-aging

Hatch Cover Seal for Ship

### Details:

Material:	EPDM NBR NR IR IIR		
Features:	High and low temperature resistance, weather resistance, high and low pressure resistance, oil resistance, non-toxic, Safety and Health, high quality & low price.		
Color	Available	Size	All kinds
Logo	Customers' requirement	Packing	Carton or other special packing

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*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

**Note:** Please specify the product details with Catalogue number and Model number (if any).



## Alarm Siren, Electronic Fire Bell

Catalogue Number: FA 0001

Model Number: CL-207L



### Materials Details:

Key Specifications/Special Features:

- Input voltage: 24VDC (12VDC to 30VDC), with reverse polarity protection
- Operation current: fire bell with strobe LED, 50mA, 65mA max. at 24VDC
- Strobe: over 8,000mcd (6 pcs super bright LEDs)
- Sound output: 100dB +/- 5dB at 24VD)
- Tone type: alarm siren
- Operation temperature: -10 to +60 degrees Celsius
- Continue operation test at 24VDC: over 72 hours
- Life test: on: 1 minute, off: 30 seconds
- Duty cycle at 24VDC: continuously over 500 hours period

Size: 81.5 x 81.5 x 52mm (fit European junction box)

## Fire Alarms

Catalogue Number: FA 0002

Model Number: XH-B1 (55mm~300mm)



Fire Electric Bells with 8, 10, 22, 25, 25, 30 and 35VA Power, Available in Various Sizes

Model Number: XH-B1(55mm~300mm)

Origin: China

Key Specifications/Special Features:

- Sizes: 2, 3, 4, 6, 8, 10 and 12mm
- Power: 8, 10, 22, 25, 25, 30 and 35W

- Diameter: 55, 75, 100, 150, 200, 250 and Ø300  
Current: 50, 80, 97, 100, 105, 125 and ≤150mA

## Sirens, Horns, and Bell Box

**Catalogue Number: FA 0003**

**Model Number: XH-B1 (55mm~300mm)**



6-inch Fire Alarm Bell with 24V DC Voltage and 25mA Current

Model Number: AH-0218

Key Specifications/Special Features:

- High efficiency low current consumption on 24V DC motorized bells
- Terminals will accept 2.5mm cables
- Simple installation via multi-fixing base plate for all types of location
- Fitted with two series diodes for fault monitoring
- Option of customized discs printed with company name and logo
- 12V DC bells are also available
- Dimensions: Ø6-inch (152mm) x 56mm
- Voltage: 24V DC
- Current: 25mA
- Sound output: 93dB at 1m
- Movement: motor, pinion and striker
- Movement features: DC motor, central gear wheel, steel striker
- Gong: steel, secured with Phillips screw
- Base plate: moulded black polycarbonate

Weight: about 850g

## Fire Alarms buttons

**Catalogue Number: FA 0004**

**Model Number: XH-B1 (55mm~300mm)**



**Key Specifications/Special Features:**

- Working voltage: 220V AC, 24V DC at 50Hz
  - Maximum current:  
5A at 220V AC, 50Hz  
8A at 24V DC
  - Contractor resistance:  $\leq 0.1\Omega$
  - Maximum relative humidity:  $\leq 93\pm 2$
- Working temperature: -10 to +50°C

## Fire Alarms

**Catalogue Number: FA 0005**

**Model Number: XH-B1-T(100mm~250mm)**



**Fire Alarms with Ferric Base, 55 to 300mm Diameter and  $\leq 80$  to 150mA Current**

**Model Number: XH-B1-T(100mm~250mm)**

**Origin: China**

**Key Specifications/Special Features:**

- Power: 10, 22, 25, 30 and 35W
- Current:  $\leq 80, 97, 100, 105, 125$  and 150mA
- Diameter: 55, 75, 100, 150, 200, 250 and 300mm

Size: 2, 3, 4, 6, 8, 10 and 12mm

## Fire Alarm Siren

**Catalogue Number: FA 0006**

**Model Number: XH-QG-1**



**Fire Strong Light Siren with  $\leq 95\%$  RH Relative Humidity, 20 to 30V DC Working Voltage.**

**Origin: China**

**Key Specifications/Special Features:**

- Relative humidity:  $\leq 95\%RH$
- Working voltage: 20 to 30V DC
- Working current (average): 95mA
- Flash intensity:  $\geq 1.2WS$
- Flash cycle: 2.0S
- Maximum warning volume:  $\geq 100dB$
- Flasher life:  $\geq 30,000$  times
- Working temperature:  $-10$  to  $\pm 55^{\circ}C$
- Warning tones resource: police car, fire truck and ambulance

Each part of this series can be sold separately: XH-QG-1, XH-QG-2 and XH-JH

## **Brass Ship Bell**

**Catalogue Number: FA 0007**

**Model Number: MZ-200-2**



**Bell for Marine Equipment, Various Standards are Available,**

Model Number: The bell MZ-200-2

**Origin:** China

**Key Specifications/Special Features:**

Standards: requirements of ZC regulations for statutory surveys of ships and offshore installations and international marine anti-collision regulation (1972), 1996 amendments to SOLAS1974 and

- CB/T3142-94, CB/T428-93
- Packaging:
  - Quantity: 1 piece/case
  - Weight: 3, 10.2 and 25kg
- Each part of this set can be sold separately: MZ-200, MZ-300 and MZ-400

## EPDM Lay flat Dura line Fire Hose

Catalogue Number: FF 0008



### Product Description:

EPDM Layflat duraline fire hose,  
Diameter: 25mm to 110mm  
Working pressure: 10bar to 30bar  
Color: Red, blue, yellow

## PU Liner Fire Hose

Catalogue Number: FF 0009



### Product Description

PU lining hose has good properties of abrasive-resistance, aging-resistance, corrosion-resistance, long life, strong adhesion, cold-resistance, light and portable; it is widely used in mineral water delivery, fire protection for buildings, fire engine, fire cabinet, ship, petroleum & chemical industry, garden irrigation  
Etc.

Jacket: Single jacket, warp is polyester staple fiber, weft is polyester filament yarn or both are polyester filament yarns. Plain or twill woven.

Jacket color: White, red, orange, yellow, green, blue, brown, etc.

Lining color: White, blue, red, black, etc

Jacket and lining color can be specially customized for needs.

## PVC Hose

Catalogue Number: FF 0010



### Product Description

PVC lining hose has good properties of abrasive-resistance, aging-resistance, corrosion-resistance, long life, strong adhesion, cold-resistance, light and portable; it is widely used in mineral water delivery, fire protection for buildings, fire engine, fire cabinet, ship, petroleum& chemical industry, garden irrigation  
Etc.

Jacket: Single jacket, warp is polyester staple fiber, weft is polyester filament yarn or both are polyester filament yarns. Plain or twill woven.

Jacket color: White, red, orange, yellow, green, blue, brown, etc.

Lining color: White, blue, red, black, etc

Jacket and lining color can be specially customized for needs.

## Fire Hose

Catalogue Number: FF 0011



### Product Description

All kinds of fire fighting products: Fire extinguisher, valve, hydrant, fire nozzle, fire hose, automatic sprinkling system. Fire box etc.

# Hose Coupling

Catalogue Number: FF 0012

Model Number:



## Product Description:

Packing: Export Carton Box with Pallet

Standard: Nfpa

Origin: China

Material: Brass

Standard: ANSI

HS Code: 76090000

These couplings are ideal for water system, and can also be used in a wide variety of applications such as hydraulic oil handling, chemical processing, gasoline & petroleum products handling etc.

Size: 1-1/2, 2, 2-1/2, 3

Material: Aluminium and brass available.

Type: NAKAJIMA, ANSI PIN, JOHN MORRIS, STORZ, MACHINO, France, Norway, Russia TYPE, GOST available.

Feature:

- (1) Precisely machined for accurate fit, join fast and save effort.
- (2) Smooth face of groove and great resistance to vibration.
- (3) We are the qualified member of NFPA.

## Brass Fire Hydrant

Catalogue Number: FF 0013

Model Number: DH-009



### Product Description:

Model NO.: DH-009  
Standard: 1.5", 2", 2.5" size  
Origin: China  
Material: Brass  
Type: Fire Hydrant  
Size: 1", 1.5", 2", 2.5"

#### BRASS FIRE HYDRANT

1. SIZE: 1.5", 2", 2.5"
  2. WP: 16BAR
  3. MATERIAL: BRASS.
  4. THREAD: INLET: FEMALE THREAD BSP, OUTLET: MALE THREAD BSP.
  5. USED IN FIRE WATER WAY AND FIRE EQUIPMENT.
- WE CAN PRODUCE AS PER CUSTOMER REQUEST

## Water Nozzles

Catalogue Number: FF 0014





## Air Hose Fitting - Hose End

Catalogue Number: FF 0015



### Product Description

Universal Coupling--Air Hose Coupling

U. S. TYPE HOSE ENDS

Material: Carbon Steel---ZN PLATED OR BRASS

Size: 1/4" 3/8" 1/2" 3/4" 1"

## Double Bolt Clamp

Catalogue Number: FF 0016

Model Number:



### Product Description:

Material: malleable iron --ZN PLATED

Standard: ANSI

Size: SL22 SL29 SL34 SL40 SL60 SL76 SL94 SL115 400 525 550 600 675 769 818 875 988 1125  
1275

# Cam and Groove Coupling

Catalogue Number: FF 0017

Model Number:



## Product Description:

**Origin:** China

CAMLOCK COUPLING

Material: AL, BRASS, SS, PP, NYLON

## SIZE:

Alum 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" 3" 4" 5" 6" 8"

304S/S 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" 3" 4" 5" 6"

316S/S 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" 3" 4" 5" 6"

BRASS 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" 3" 4" 5" 6"

PP 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 3" 4"

NYLON 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 3" 4"

# Industrial Clamp

Catalogue Number: FF 0018

Model Number:



**Product Description**

Industrial Clamps

Material: Carbon Steel, SS

## Fire Hose Fitting

Catalogue Number: FF 0019



**Product Description**

Fire Hose Fitting

Material: Casting iron

Size:1-1/2",2",2-1/2",3"&4"

## Storz Coupling – Cap

Catalogue Number: FF 0020

Model Number:



### **Product Description**

Material: AL

Cap 1" 1-1/2" 2" 2-1/2" 3" 4" 5"

## **Fire Hose**

Catalogue Number: FF 0021



### **Product Description:**

We can supply type 8, 10, 13, 16 and 20 fire hoses. Different materials like rubber and PVC are available at double or single jacket. With good quality and competitive prices.

## **CO2 Fire Extinguisher Valve**

Catalogue Number: FF 0022



### **Product Description**

CO2 fire extinguisher valve:

1. Portable and wheeled type are available
2. CO2, dry powder, Foam & water extinguisher

Inlet thread: M25\*2

Outlet thread: M22\*1.5  
Dip tube thread: M10\*1  
Pressure Mpa: 18-22  
Wall hanging loop: YES

## Self Glowing Marine Safety Sign

Catalogue Number: FF 0023



### Product Description:

The self-glowing marine safety signs are specially developed according to the international standard, the product has self-glowing function: It can absorb visible light and glow in the dark, this kind of product include two series: Marine life-saving safety sign and marine fire-control indication, which are applied for marine emergency evacuation access indication, stair indication, indication line, corridor and wall indication, floor indication, deck indication, life-saving equipment indication, fire equipment indication, which can help the crew deal with the accident or escape from the cabins to the safe place in time while the fire happens.

Our marine safety signs are featured with high efficient brightness, energy saving easily installed and maintained. Our products have been granted with certificates from CCS, ABS, LR and DNV, they meet the demands of SOLAS and IMO and the technical rules made by China Bureau of Ship Inspection. They could be widely used in ship and marine facilities.

## Hose Nozzle

Catalogue Number: FF 0024

Model Number:



### **Product Description**

We can supply different types of fire hose nozzles in different material like bronze and aluminums.

The most common sizes are dia.40mm, dia.50mm and dia.65mm.

## **Sprinkler**

**Catalogue Number: FF 0025**

**Model Number:**



### **Product Description:**

UL Glass Bulb Sprinkler

Standard and quick response, spray sprinkler

Discharges a hemispherical water spray pattern in the area under the sprinkler

Small frame, narrow profile bulb enhances their appearance

Finishes: Natural brass, chrome plated, and polyester coated in any color

## **Fire Monitor**

**Catalogue Number: FF 0026**

**Model Number:**



### **Product Description:**

- 1) Mobile fire monitor
- 2) Water-Foam Combined Monitor
- 3) Electric adjustable fire monitors

- 4) Manual Adjustable Foam or Air Fire Monitor
  - 5) Manual Adjustable Fire Monitor.
- Glass bulb, Seal plat - UL Listed.

## Flange Oblique Landing Valve

**Catalogue Number: FF 0026**

**Model Number: HY001-002-00**



Flange Oblique Landing Valve with Copper Alloy Body

Model Number: HY001-002-00

Country of Origin: China

### **Key Specifications/Special Features:**

Inlet: 2.5-inch BS flange

Outlet: 2.5-inch BS 336 Inst female coupling with blank cap

Body: copper alloy

Working pressure: 16 bars

Hand wheel: cast iron

## Fire Hydrant

**Catalogue Number: FF 0027**

**Model Number: BS750**



Fire Hydrant with BS750 Standard, Suitable for Mounting

Model Number: BS750

Country of Origin: China (mainland)

Brand Name: KQ, OEM

### **Key Specifications/Special Features:**

- Standard: BS750
- Size: DN80 (3 inches)

- The hydrant can use for in room
- It is standard products suit for mounting

## Fire Box

Catalogue Number: FF 0028



### Product Description:

Cabinet is installed in inside of Ship's accommodation and other open places, consists of cabinet, landing valve or other water valves, fire hose or hose, nozzle and electric appliances etc, uses to supply water, fight fire, control and alarm  
Fire's fixed fire fighting device.

## Hose Reel

Catalogue Number: FF 0029



### Product Description:

Reel size: Diameter: 525, 550, 600

All of these products achieved CE certification and sold to Europe

## German Type Plastic Hydraulic Nozzle

Catalogue Number: FF 0030





**Product Description:**

Only nozzle and pipe are made of engineering plastics

Specification: 1-1/2", 1-3/4", 2"

## English Type Plastic Hydraulic Nozzle

Catalogue Number: FF 0031



**Product Description:**

Only nozzle and pipe are made of engineering plastics

All of these products achieved CE certification and sold to Europe.

**\*\*** If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!

## EPDM Lay flat Dura line Fire Hose

Catalogue Number: FF 0008



### Product Description:

EPDM Layflat duraline fire hose,  
Diameter: 25mm to 110mm  
Working pressure: 10bar to 30bar  
Color: Red, blue, yellow

## PU Liner Fire Hose

Catalogue Number: FF 0009



### Product Description

PU lining hose has good properties of abrasive-resistance, aging-resistance, corrosion-resistance, long life, strong adhesion, cold-resistance, light and portable; it is widely used in mineral water delivery, fire protection for buildings, fire engine, fire cabinet, ship, petroleum & chemical industry, garden irrigation  
Etc.

Jacket: Single jacket, warp is polyester staple fiber, weft is polyester filament yarn or both are polyester filament yarns. Plain or twill woven.

Jacket color: White, red, orange, yellow, green, blue, brown, etc.

Lining color: White, blue, red, black, etc

Jacket and lining color can be specially customized for needs.

## PVC Hose

Catalogue Number: FF 0010



### Product Description

PVC lining hose has good properties of abrasive-resistance, aging-resistance, corrosion-resistance, long life, strong adhesion, cold-resistance, light and portable; it is widely used in mineral water delivery, fire protection for buildings, fire engine, fire cabinet, ship, petroleum& chemical industry, garden irrigation  
Etc.

Jacket: Single jacket, warp is polyester staple fiber, weft is polyester filament yarn or both are polyester filament yarns. Plain or twill woven.

Jacket color: White, red, orange, yellow, green, blue, brown, etc.

Lining color: White, blue, red, black, etc

Jacket and lining color can be specially customized for needs.

## Fire Hose

Catalogue Number: FF 0011



### Product Description

All kinds of fire fighting products: Fire extinguisher, valve, hydrant, fire nozzle, fire hose, automatic sprinkling system. Fire box etc.

# Hose Coupling

Catalogue Number: FF 0012

Model Number:



## Product Description:

Packing: Export Carton Box with Pallet

Standard: Nfpa

Origin: China

Material: Brass

Standard: ANSI

HS Code: 76090000

These couplings are ideal for water system, and can also be used in a wide variety of applications such as hydraulic oil handling, chemical processing, gasoline & petroleum products handling etc.

Size: 1-1/2, 2, 2-1/2, 3

Material: Aluminium and brass available.

Type: NAKAJIMA, ANSI PIN, JOHN MORRIS, STORZ, MACHINO, France, Norway, Russia TYPE, GOST available.

Feature:

- (1) Precisely machined for accurate fit, join fast and save effort.
- (2) Smooth face of groove and great resistance to vibration.
- (3) We are the qualified member of NFPA.

## Brass Fire Hydrant

Catalogue Number: FF 0013

Model Number: DH-009



### Product Description:

Model NO.: DH-009  
Standard: 1.5", 2", 2.5" size  
Origin: China  
Material: Brass  
Type: Fire Hydrant  
Size: 1", 1.5", 2", 2.5"

#### BRASS FIRE HYDRANT

1. SIZE: 1.5", 2", 2.5"
  2. WP: 16BAR
  3. MATERIAL: BRASS.
  4. THREAD: INLET: FEMALE THREAD BSP, OUTLET: MALE THREAD BSP.
  5. USED IN FIRE WATER WAY AND FIRE EQUIPMENT.
- WE CAN PRODUCE AS PER CUSTOMER REQUEST

## Water Nozzles

Catalogue Number: FF 0014



## Air Hose Fitting - Hose End

Catalogue Number: FF 0015



### Product Description

Universal Coupling--Air Hose Coupling

U. S. TYPE HOSE ENDS

Material: Carbon Steel---ZN PLATED OR BRASS

Size: 1/4" 3/8" 1/2" 3/4" 1"

## Double Bolt Clamp

Catalogue Number: FF 0016

Model Number:



### Product Description:

Material: malleable iron --ZN PLATED

Standard: ANSI

Size: SL22 SL29 SL34 SL40 SL60 SL76 SL94 SL115 400 525 550 600 675 769 818 875 988 1125  
1275

# Cam and Groove Coupling

Catalogue Number: FF 0017

Model Number:



## Product Description:

**Origin:** China

CAMLOCK COUPLING

Material: AL, BRASS, SS, PP, NYLON

## SIZE:

Alum 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" 3" 4" 5" 6" 8"

304S/S 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" 3" 4" 5" 6"

316S/S 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" 3" 4" 5" 6"

BRASS 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" 3" 4" 5" 6"

PP 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 3" 4"

NYLON 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 3" 4"

# Industrial Clamp

Catalogue Number: FF 0018

Model Number:



**Product Description**

Industrial Clamps

Material: Carbon Steel, SS

## Fire Hose Fitting

Catalogue Number: FF 0019



**Product Description**

Fire Hose Fitting

Material: Casting iron

Size:1-1/2",2",2-1/2",3"&4"

## Storz Coupling – Cap

Catalogue Number: FF 0020

Model Number:





### **Product Description**

Material: AL

Cap 1" 1-1/2" 2" 2-1/2" 3" 4" 5"

## **Fire Hose**

Catalogue Number: FF 0021



### **Product Description:**

We can supply type 8, 10, 13, 16 and 20 fire hoses. Different materials like rubber and PVC are available at double or single jacket. With good quality and competitive prices.

## **CO2 Fire Extinguisher Valve**

Catalogue Number: FF 0022



### **Product Description**

CO2 fire extinguisher valve:

1. Portable and wheeled type are available
2. CO2, dry powder, Foam & water extinguisher

Inlet thread: M25\*2

Outlet thread: M22\*1.5  
Dip tube thread: M10\*1  
Pressure Mpa: 18-22  
Wall hanging loop: YES

## Self Glowing Marine Safety Sign

Catalogue Number: FF 0023



### Product Description:

The self-glowing marine safety signs are specially developed according to the international standard, the product has self-glowing function: It can absorb visible light and glow in the dark, this kind of product include two series: Marine life-saving safety sign and marine fire-control indication, which are applied for marine emergency evacuation access indication, stair indication, indication line, corridor and wall indication, floor indication, deck indication, life-saving equipment indication, fire equipment indication, which can help the crew deal with the accident or escape from the cabins to the safe place in time while the fire happens.

Our marine safety signs are featured with high efficient brightness, energy saving easily installed and maintained. Our products have been granted with certificates from CCS, ABS, LR and DNV, they meet the demands of SOLAS and IMO and the technical rules made by China Bureau of Ship Inspection. They could be widely used in ship and marine facilities.

## Hose Nozzle

Catalogue Number: FF 0024

Model Number:



### **Product Description**

We can supply different types of fire hose nozzles in different material like bronze and aluminums.

The most common sizes are dia.40mm, dia.50mm and dia.65mm.

## **Sprinkler**

**Catalogue Number: FF 0025**

**Model Number:**



### **Product Description:**

UL Glass Bulb Sprinkler

Standard and quick response, spray sprinkler

Discharges a hemispherical water spray pattern in the area under the sprinkler

Small frame, narrow profile bulb enhances their appearance

Finishes: Natural brass, chrome plated, and polyester coated in any color

## **Fire Monitor**

**Catalogue Number: FF 0026**

**Model Number:**



### **Product Description:**

- 1) Mobile fire monitor
- 2) Water-Foam Combined Monitor
- 3) Electric adjustable fire monitors

- 4) Manual Adjustable Foam or Air Fire Monitor
  - 5) Manual Adjustable Fire Monitor.
- Glass bulb, Seal plat - UL Listed.

## Flange Oblique Landing Valve

**Catalogue Number: FF 0026**

**Model Number: HY001-002-00**



Flange Oblique Landing Valve with Copper Alloy Body

Model Number: HY001-002-00

Country of Origin: China

**Key Specifications/Special Features:**

Inlet: 2.5-inch BS flange

Outlet: 2.5-inch BS 336 Inst female coupling with blank cap

Body: copper alloy

Working pressure: 16 bars

Hand wheel: cast iron

## Fire Hydrant

**Catalogue Number: FF 0027**

**Model Number: BS750**



Fire Hydrant with BS750 Standard, Suitable for Mounting

Model Number: BS750

Country of Origin: China (mainland)

Brand Name: KQ, OEM

**Key Specifications/Special Features:**

- Standard: BS750
- Size: DN80 (3 inches)

- The hydrant can use for in room
- It is standard products suit for mounting

## Fire Box

Catalogue Number: FF 0028



### Product Description:

Cabinet is installed in inside of Ship's accommodation and other open places, consists of cabinet, landing valve or other water valves, fire hose or hose, nozzle and electric appliances etc, uses to supply water, fight fire, control and alarm  
Fire's fixed fire fighting device.

## Hose Reel

Catalogue Number: FF 0029



### Product Description:

Reel size: Diameter: 525, 550, 600

All of these products achieved CE certification and sold to Europe

## German Type Plastic Hydraulic Nozzle

Catalogue Number: FF 0030



**Product Description:**

Only nozzle and pipe are made of engineering plastics

Specification: 1-1/2", 1-3/4", 2"

## English Type Plastic Hydraulic Nozzle

Catalogue Number: FF 0031



**Product Description:**

Only nozzle and pipe are made of engineering plastics

All of these products achieved CE certification and sold to Europe.

**\*\*** If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!

## Life boat/ Rescue boat

Catalogue Number: LB 0001

Model Number: Totally enclosed type



### Product Details:

Place of Origin: China

Brand Name: TT

Model Number:

Hull Material: Fiberglass

Engine Type: Inboard

Length: 6~11m

Certification: ABS, BV, CCS, DNV, LR, GL, RINA

Type: Lifeboat

### Specifications-

F.R.P totally enclosed lifeboat and gravity luffing arm type davit

Type: common type or fire retardant type

Capacity: 22 to 13

## TOTALLY ENCLOSED LIFE/RESCUE BOAT

Catalogue Number: LB 0002

Model Number: JYB50C/F



### Product Details:

Place of Origin: China

### Specifications

Totally Enclosed Lifeboat

This marine lifeboat:

- 1.Approval by CCS,ABS,....
- 2.Good quality and reasonable price.

### Totally Enclosed Lifeboat

Model		JYB50C/F	JYB57C/F	JYB65C/F	JYB75C/F	JYB80C/F
Length	m	4.98	5.80	6.60	7.60	8.10
Hook distance	m	4.50	5.30	6.10	7.10	7.60
Height	m	2.84	3.10	3.10	3.10	3.10
Breath	m	2.30	2.42	2.42	2.80	2.96
Depth	m	1.00	1.15	1.15	1.20	1.20
Craft weight	kg	2115/2457	2284/2622	2800/3136	3000/3320	3125/3500
Persons	P	26	33	40	55	65
Totally weight	kg	4065/4407	4759/5097	5500/5836	6750/7070	8000/8375
Speed	knots	≥6				
Engine		380J-3/YANMAR 3JH25A/BUKH		380J-3/YANMAR 3JH30A/BUKH		
Rotate speed	rpm	2800/3200/3600			2800/2900/3600	
Power	HP	28/25/24,29			28/30/29	

## Single Arm Boat / Raft Davit

Catalogue Number: LB 0003

Model Number: HMD21



### Product Details:

Place of Origin: China

Part: Crane, Winch, Davit

Type: Single Arm Boat / Raft Davit

Capacity: 14~21 KN

Certificate: CCS. ABS. BV. DNV. GL. LR. KR. NK

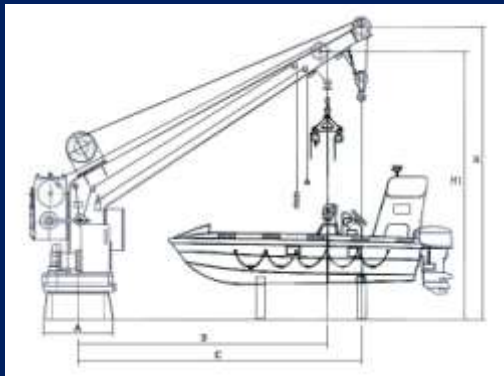
### Specifications-



Mainly used for lifting and lowering rescue boat, and also for lowering life raft.

The product is also acted as crane based on client's requirement.

This equipment adopts hydraulic force rotation type. It can land to water surface by itself gravity and also operate under the circumstance of power failure: make the lifeboat beyond shipboard and to pull the steel wire so that the winch hammer can control boat/raft landing and stop; Likewise, crew can also operate it on the platform. The winch adopts motor-driving gear box reduction organism and with centrifugal speed limit and manual brake function. It meets requirements of International Safety of Life at Sea 1974, IMO MSC. 81 (70) and other latest regulation.



Type	Working load (KN)	Hoisting load (KN)	Slewing load (KN)	Hoisting speed (m/min)	Lowering speed (m/min)	Dimension (mm)		
						A	B	H1
HMD21-1	21	14	14	>18	40~60	1000	≤ 5000	≤ 4800
HMD21-2	21	21	21	>18	40~60	1120	≤ 5000	≤ 4800
Type	Hoisting load (KN)	Slewing load (KN)	Hoisting speed (m/min)	Lowering speed (m/min)	Dimension (mm)			
					C	H		
Crane	15	≥ 0.25	≥ 10	≥ 10	≤ 7000	≤ 5200		

## DJB Series life boat winch

Catalogue Number: LB 0004

Model Number: DJB



### Product Details:

Place of Origin: China

Brand Name: speedhorsee

### Specifications-

DJB Series life boat winch

DJB Series life boat winch

Type	Working load (KN)	Hoisting load (KN)	Lowering load(KN)	Hoisting speed (m/min)	Lowering speed (m/min)	Diameter of wire rope (mm)	Wire storage capacity (m)
DJB25	25	20	20	10	≤78	12.5	30
DJB40	40	20	30	10	≤78	12.5	40
DJB50	50	27	30	10.3	≤78	18	60
DJB63	63	30	30	10~12	≤78	18	50

Type	L(mm)	B(mm)	H(mm)	L1(mm)	L2(mm)	B1 (mm)	H1 (mm)	H2 (mm)	D (mm)	A (mm)	l(mm)	ll (mm)	b (mm)	Φ (mm)
DJB25	1580	705	825	570	654	400	640	210	Φ210	200	340	340	280	18
DJB40	1680	705	964	676	640	490	750	260	Φ270	250	420	420	300	20
DJB50	1780	900	1065	660	775	580	839	295	Φ340	350	520	520	330	22
DJB63	1962	955	1243	670	875	580	825	275	Φ350	300	530	530	370	22

## Open Type Life Boat

Catalogue Number: LB 0005

Model Number: MLSE350-Open Type Life Boat



### Product Details:

Place of Origin: China

Brand Name: LANGE

Color: Red

### Specifications

The boats are in compliance with CB795-85, approved by CCS.

### Open Type FRP Lifeboat

Product No.	Dimension LxBxH(M)	Person		Hook Distance(M)	Total Weight	
		(J)	(H)		Engine	Manual
MLSE350-JY45K	4.50×1.60×0.75	6	8	2	1280	1350
MLSE350-JY55K	5.50×2.00×0.85	15	15	4.5	2600	2164
MLSE350-JY65K	6.50×2.15×0.90	21	25	5.5	3458	2780
MLSE350-JY70K	7.00×2.30×0.96	28	32	6	4010	3770
MLSE350-JY75K	7.50×2.50×1.05	43	46	6.5	5200	4850
MLSE350-JY80K	8.00×2.60×1.10	50	54	7	5980	5710
MLSE350-JY85K	8.50×3.10×1.20	72		7.5	8120	

## Enclosed Life/rescue Boat

Catalogue Number: LB 0006

Model Number: FRP Free Fall Life Boat



FRP Life/Rescue Boat, Totally Enclosed with Matched Launching Appliance, Various Types are Available  
Country of Origin: China

**Key Specifications/Special Features:**

Most popular series, FRP totally enclosed freefall lifeboat is developed from davit launching totally enclosed lift boat

Construction is specially strengthened to have light acceleration strike during water entry that can be completed within seconds and escape rapidly from the vessels with longer self-stability

FRP totally enclosed freefall lifeboat suits particularly the more dangerous projects like offshore oil drilling units

All the lifeboats comply with the requirement of SOLAS 1974 as amendments 1996, LSA and MSC (81.70) and are approved by ZC, CCS, NK, KR, ABS, MSA, BV, DNV and GL classification societies

Provides other series of FRP life boats: totally enclosed FRP lifeboat series, partially enclosed FRP lifeboat series, fast FRP lifeboat series and open type FRP lifeboat series, to fit for all kinds of the different boats and ships

*\*\* If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

**Note:** *Please specify the product details with Catalogue number and Model number (if any).*

## Marine Life jacket

Catalogue Number: LSA 0001

Model number:



### Product Details:

Place of Origin: China

Brand Name: Hi-Sea

Model Number: All kinds of Life jackets

color: orange

Meet the most updated standard MSC.200 (80) & MSC.207 (81)  
CE & CCS certificates.  
SOLAS.

### Marine Life jacket:

#### Introduction:

This kind of life jacket is a new product designed and manufactured according to the most updated standard **MSC.200 (80) & MSC.207 (81)**.

It is applied to life-saving for seamen and passengers on board vessels shipping on the sea coast and river.

Outside material: Orange polyester oxford textile.

Inside material: EPE foamed polyethylene.

**Buoyancy: more than 155N.**

**Approvals: CCS and EC.**

We also can customize life jackets as customer's requests.

## Life jackets for adult: foam life jacket

Catalogue Number: LSA 0002

Model number: HA100-22



### Product Details:

Place of Origin: China	Brand Name: HA	Model Number: HA100-22
Texture: 210D nylon oxford fabric	Colour: Yellow/customized	Foam: EPE
Size: Full size	Maxi wearer: >=90kg	Certificated: CCS
Reflective tape: SOLAS retro-reflective tape	Logo: Customized Logo	Life span: 5 years
Workable temperature: -30~+60 centigrade		

### Specifications-

Life jackets for adult  
210D waterproof fabric, soft and comfortable  
EPE foam  
CCS, SOLAS & CE standard  
5 years life span

1. Texture: 210D Nylon oxford fabric, waterproof, soft and comfortable
2. EPE/PVC foam, very light
3. Logo: Your customized logo can be printed as well as other description words.
4. Texture Colour: **Orange, Blue, Red, Black** etc.
5. Size: full size
6. Maxi Wearer: >=90kg
7. Safety belt: c/w quick release Buckle, can adjust enable the life jacket suit for the wearer.
8. Free accessory: **ISO10402-8** whistle
9. Reflective tape: 3M SOLAS retro-reflective belt with this retro-reflective tape, the wearer will be found easily.
10. Easy to clean: clean by soapy water
11. Warranty: 5 years
12. Working Temperature: -30- 65 °C

### Application Place:

1. workers and passengers on ship/ boat/ kayak
2. Fishing
3. water sports such as surfing
4. cruise

# Life Jacket Light

Catalogue Number: LSA 0003

Model number: DFYD-L-B Modified



## Product Details:

Place of Origin: China

Brand Name: Yean

## Specifications-

Product Inspection Standard: Requirements of 1996 Amendments to SOLAS 1974 and LSA Code and Resolution MSC.81 (70)

Appearance design patent No. ZL 200530171860.3

New practical patent No. ZL 200520140402.8

Type Technical Specifications	DFYD-L- A	DFYD-L-B	
	Luminous Intensity	≥0.75cd	≥0.75cd
Time of Power	≥8h	≥8h	≥8h
Operation Voltage	2.9V	6.0V	3.6V
Stowage Environment Temperature	-30~+65	-30~+65	-30~+65
Water-activated Temperature	-1~+30	-1~+30	-1~+30
Lighting Form	Ever bright	Flashing	Flashing
Flash Frequency		50~70times/min	50~70times/min
Color of Light	White	White	White
Weight(including battery)	≤128g	≤156 g	≤150 g

## Life jacket light

Catalogue Number: LSA 0004

Model number: DFYD-L-B2



### Specifications-

Product Inspection Standard: Requirements of 1996 Amendments to SOLAS 1974 and LSA Code and Resolution MSC.81 (70)

Type Technical Specifications	DFYD-L-A	DFYD-L-B	
	Luminous Intensity	≥0.75cd	≥0.75cd
Time of Power	≥8h	≥8h	≥8h
Operation Voltage	2.9V	6.0V	3.6V
Stowage Environment Temperature	-30+65	-30+65	-30+65
Water-activated Temperature	-1+30	-1+30	-1+30
Lighting Form	Ever bright	Flashing	Flashing
Flash Frequency		5070times/min	5070times/min
Color of Light	White	White	White
Weight(including battery)	≤128 ≤128g	≤156 ≤156 g	≤150 ≤150 g

## Life jacket light

Catalogue Number: LSA 0005

Model number: DFYD-L-A, DFYD-L-B1



### Specifications-

Product Inspection Standard: Requirements of 1996 Amendments to SOLAS 1974 and LSA Code and Resolution MSC.81 (70)

Type Technical Specifications	DFYD-L-A	DFYD-L-B	
	Luminous Intensity	≥0.75cd	≥0.75cd



Time of Power	≥8h	≥8h	≥8h
Operation Voltage	2.9V	6.0V	3.6V
Stowage Environment Temperature	-30~+65	-30~+65	-30~+65
Water-activated Temperature	-1~+30	-1~+30	-1~+30
Lighting Form	Ever bright	Flashing	Flashing
Flash Frequency		50~70times/min	50~70times/min
Color of Light	White	White	White
Weight(including battery)	≤128 ≤128g	≤156 ≤156 g	≤150 ≤150 g

## 2.5kg lifebuoy

Catalogue Number: LSA 0006



### Product Details:

Place of Origin: China

Brand Name: FZXF

Model Number: S M L

Color: orange

2.5KG IMPA CODE: 33 01 51

4.3KG IMPA CODE: 33 01 54

approval: CCS/EC

### Specifications-

Buoy

1)Outer Dia:720mm ,Inner Dia:440mm

2)weight:2.5/4.3kg

3)OEM,Thick:105mm

4)buoyancy:more than14.5kg,CCS/EC approval

Buoy

1. Buoyancy is greater than 14.5Kg, weight:2.5Kg/4.3kg

2. Lifebuoy can be made as customer's requirement

## **RASS fiber reinforced plastic container for air tilled life-saving raft**

**Catalogue Number: LSA 0007**

**Model number: 20120132**



### **Product Details:**

Place of Origin: China

Brand Name: seapeace

Materials: fibre reinforced plastic: high strength

Anti-corrosion: easy to operate

### **Specifications-**

This is a special glass fiber reinforced plastic container for air filled life-saving raft,

Grass fibre reinforced plastic container for air tilled life-saving raft.

This is a special glass fiber reinforced plastic container for air filled life-saving raft, it posses high strength, anti-corrosion, sealing, easy to operate, and can protect the life-saving raft from sunlight, seawater corrosion, and damage during storage and use, the series products are suitable for A,B,Y type air filled life-saving raft and up to the regulation of SOLAS convention and IMO standard.

## **GL approved Marine self-righting inflatable life raft**

**Catalogue Number: LSA 0008**

**Model number: KHZ**



### **Product Details:**

Place of Origin: China

Brand Name: GRAND OCEAN

Model Number: KHZ

### **Specifications-**

GL approved marine self-righting inflatable life raft

1 marine inflatable life raft

2 EC ABS GL CCS ZY  
3 applicable in ships

## GL approved marine self-righting inflatable life raft

Our inflatable life rafts, marine evacuation system and other inflatable products are in accordance with various international domestic resolution including SOLAS 96 amendment, MSC81(70), Life-saving appliance (LSA), HSC, 2000 sea fishing vessels safe rules, testing of life-saving appliances.

### **Application**

It is installed in sea ships, vessel and other international voyages.

### **Capacity**

6-125 persons

### **Certifications**

LR CCS GL

## Life raft deck cradle

**Catalogue Number: LSA 0009**

**Model number:**



### **Product detail:**

For 6-25 person life raft containers

Material: Q235

IMPA Code: 33 01 61/62

Standard: SOLAS

### **Specifications-**

Life raft deck cradle

1. For 6-25 person life raft containers.
2. Material: Q235
3. Standard: SOLAS

Life raft deck cradle

All products comply with the Amendment 1996 of 1974 International Convention for Safety of Life at Sea, the International Life-saving Appliance Code LSA and the regulations on life-saving appliance tests of the Marine Safety Committee Decision MSC. 81 (70). Also some products have gained the approval of CCS, GL, BV and EC in shipping field as well as establishing complete quality management system and having passed the authentication of ISO9001: 2008 quality assurance system.

## Food ration for life raft (KL-99)

Catalogue Number: LSA 0010

Model number: KL-99



### Product Details:

Place of Origin: China

Brand Name: RongGui

Model Number: KL-99

Net weight: 500 ml

Shelf life: 3 years

### Specifications-

Food ration for life raft

Net weight: 500-550g

shelf life: 3 years

standard: SOLAS approval: CCS

Food ration for life raft

IMPA code: 33 02 25

Material: biscuit & maltose

Net weight: 500-550g

Package: vacuum foil packing 170\*85mm

Outside packing:

30 package/carton

Carton size: 355\*270\*220mm

## Life raft Deck Cradle

Catalogue Number: LSA 0011

Model number: M



### Product Details:

Place of Origin: China

Brand Name: FZXF

Model Number: M

### Specifications

Life raft deck cradle

1.For 6-25 person life raft containers

2.Material:Q235

3.Standard: SOLAS

Type: Universal type

For 6-25 person life raft containers

Material: Q235

IMPA Code: 33 01 61/62

## Hydrostatic Release Units for life raft

Catalogue Number: LSA 0012



### Product Details:

Place of Origin: China

### Specifications

Launching devices for inflatable life raft and have automatic and meet requirements of SOLAS Pact and IMO Standard.

Hydrostatic Release Units

Hydrostatic Release Units are launch devices for inflatable life raft and have automatic , and meet requirements of SOLAS Pact and IMO Standard.

Stationary water pressure releaser is a ideal release device for air filled life-saving raft, it posses automatic unhook and manual unhook functions in 2-4 deep water, when a ship is In danger, the air filled life-saving raft can be fast and safety released by means of shipping and is up to the regulation of SOLAS convention and IMO standard.

Main material	Package No.	Weight kg	Package Dimension cm	Notes
Stainless steel	12 pieces/box	17.5	40×19×30	CCS certificate.
Reinforced plastic	12 pieces/box	7.5	40×19×30	CCS Certificate

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Note: Please specify the product details with Catalogue number and Model number (if any).

## 4.5" LCD Marine Electronic Fluxgate Compass

Catalogue Number: Comp 0001

Model Number: KEC-30



### Product Details:

Type: GPS Navigator

Use: Marine Use

Screen Size: 4.5"

Function: Compass

Place of Origin: China

Brand Name: ONWA

### Specifications-

Compass, Electronic Compass, Fluxgate Compass, Boat Compass, marine Compass

### FEATURE:

- 1) Fluxgate heading sensor with high accuracy and stability
- 2) Automatic correction for local magnetic variation
- 3) NMEA heading data output for other navigation equipment
- 4) 4.5 silver bright LCD display electronics compass
- 5) Multiple display modes

#### 1. Accuracy

$\pm 1.0^\circ$  (excluding magnetic anomalies)

#### 2. Resolution

$\pm 1.0^\circ$  (excluding magnetic anomalies)

#### 3. Correction

- Automatic by running the boat over  $360^\circ$
- Manual input by every  $30^\circ$

#### 4. Roll and Pitch

$\pm 45^\circ$

#### 5. Follow-up

$45^\circ/s$  max.

#### 6. Interface

NMEA ver. 2.0 Outputs: HDT, HDG and HDM

NMEA ver. 2.0 Inputs: RMC, GSA

7. Display

4.5 diagonal 90(W) x 63(H) mm LCD, 240 x 160 pixels

8. Language

English, Chinese

9. Environment

Temperature: -15 to + 55 for Display unit, -25 to + 70 for Fluxgate sensor

10. Power Supply

12-24 VDC, 240-120MA

11. Equipment List (Standard)

- 1) Fluxgate Sensor KFG-25 1 unit
- 2) Display unit KEC-30 1unit
- 3) Installation materials

## Marine compass

Catalogue Number: Comp 0002



**Product Details:**

Place of Origin: China

Case Material: copper

Size: 75mm, 100mm, 125mm

Compass surface: 75mm, 100mm, and 125mm

**Specifications-**

- 1. Compass surface diameter: 75mm, 100mm, 125mm, 150mm
- 2. Anticorrosion Strong, shockproof

Main Data:

Model No	10-75	10-100	10-125	10-150
Compass Surface	75mm	100mm	125mm	150mm
Compass Surface Graduations	0°~360°,0°~360° each minimum is 2°			
Wooden Box	YES	YES	YES	YES
Night Luminous Device	DC12V	DC12V	DC12V	DC12V
Balancing Ring	YES	YES	YES	YES
Friction error	±0.5°			
Direction error	±1°			



<b>Semicircle Swing</b>	6.5±1.5 Second
<b>Suitable Temperature</b>	-30°C~+50°C
<b>Remarks</b>	Compass made of pure copper;

## Marine Projection Magnetic Compass

**Catalogue Number: Comp 0003**

**Model Number: CGT-165**



### Product Details:

Place of Origin: China

Brand Name: ShunFeng

### Specifications

Marine Projection Magnetic Compass 1. High precision 2. Steady performance 3. Simple installation 4. Convenient maintenance

CGT-165 projection compass is a sort of vertical liquid magnetic compass with excellent performance and reliable working. It's designed and manufactured in a cording with the standard GB/T 14108-93(general technical terms of marine magnetic compass class A) and completely accord with the demand and standard of the relevant navigation equipment regulated by ISO449 and IMO. The product has characteristics of high precision and steady performance and can be used for long time under inclement weather at ship sailing. It has the following characteristics:

1. It is the standard magnetic compass as well as concurrently acting as steering magnetic compass and overcome the difficulties that the wheelhouse is lack area for mounting and it is difficult correcting in the steel cabin. it is useful for the arrangement of console.
2. The projective tube is changed directly inserting in the bottom of the compass from the wheelhouse. The advantages of it are simple installation, convenient maintenance and may disassemble the clean imaging glass at any moment.
3. Projection lamp adopts 8W LED light source, its life is over 10 times than traditional projection lamp. The scale of compass under projection is clear and visible, brightness equality and softness

# Table Model Magnetic Compass

Catalogue Number: Comp 0004

Model Number: CPT-130A



## Product Details

Place of Origin: China

Brand Name: ShunFeng

Part: compass

## Specifications

Table Model Magnetic Compass 1. Simple structure. 2. Complete function 3. Convenient correcting difference 4. accurate direction

CPT-130A Magnetic Compass is a sort of table model liquid magnetic compass. The compass is a magnetic compass class B and it is designed and manufactured in accordance with the national standard GB/T 10104-1995 ( General Technical Terms of Marine Magnetic Compass Class B ). The product has the advantages of simple structure, complete function, convenient correcting difference, accurate direction, stabilization and reliable .The magnetic compass is suitable for the large and middle motorized fishing boats and small steel vessels acting as steering compass.

# Magnetic compass autopilot

Catalogue Number: Comp 0005



## Product Details

Place of Origin: China

Brand Name: Hi-Sea

Model Number: All kinds of autopilots

Part: autopilot

Colour: navy grey

## Specifications

1. Magnetic compass autopilot;
2. automatic steering;
3. follow-up steering;
4. remote steering;
5. manual steering.

## Magnetic compass autopilot

### Introduction:

Magnetic Compass Auto Pilot is an autopilot with reference to the output of a magnetic compass.

It is especially suitable for various kinds of ships under 8000 GT. It has four functions: automatic steering, follow-up steering, remote steering and manual steering.

### Application & Characteristics:

PID control

Excellent in operational stability

Double-gain amplification

Without control dead-zone

Compensation for constant heading error

Adjustable automatic rudder limit

Alarm for off-course overload & power off etc.

Main Technical Data:

Power supply: 220V/380V AC 50HZ

DC 24V(for emergency)

Consumption power: less than 200VA

Capacity of each turn(max.):  $\pm 140^\circ$

Average off-course in automatic steering mode:  $< 1^\circ$  (on smooth sea)

Steering accuracy in follow-up steering mode & remote steering mode:  $\pm 1^\circ$  (rudder)

Adjustment range of parameters in automatic steering mode:

yawing control: 0~5°  
 rudder control: 1~3  
 automatic rudder limit: 5~35°  
 counter rudder control: 1~2  
 Stroke calibration: more than 3° (rudder)  
 Mechanical rudder limit: ±35°  
 Automatic rudder trim:  
 max. Rudder trim: more than 5° (rudder)  
 time constant: more than 80 sec.  
 Output control: Hydraulic system with electromagnetic valve switches 24V DC less than 2A

## Marine Magnetic Compass

**Catalogue Number: Comp 0006**

**Model Number:**



### Product Details

Place of Origin: China

Brand Name: Hi-Sea

Model Number: All kinds of magnetic compass

Part: compass

color: grey

### Specifications

1. Marine Magnetic Compass;
2. Class A transparent liquid;
3. Vertical magnetic compass;
4. Used for large and middle vessel.

Designed and manufactured in accordance with the standard GB/T 14108-93

Suitable for the large and middle vessels acting as standard compass or steering compass for measuring azimuth and indicating course

High precision, convenient adjustment, stable performance and bright illumination etc.

EQUIPMENT LIST:	
NAME	QTY.
Magnetic compass	1 set
Calibrating equipment (fittings case)	1 set

- Main semicircle magnetic bar	-12 pcs
- Pure iron sheet	-11 pcs
- Inclining magnetic bar	-3 pcs
- Sub-semicircle iron bar	-8 pcs
Spare parts : reserved LED bulb	1 pc
<b>SPECIFICATIONS:</b>	
ITEM	DATA
Dial diameter	Φ190mm
Working temperature	-25°C - +70°C
Indicating deviation(H=35μT, T=20±3°C)	≤0.5°
Semi-period (H=35μT, T=20±3°C)	≥8.62 S
Friction deviation (H=35μT, T=20±3°C)	≤0.09°
Main semicircle self-correcting energy	1°- 45°
Sub-semicircle self-correcting energy	1°- 6 (Q=45°)
Quadrant self-correcting energy	0.5°- 10°
Inclining self-correcting energy	-75 - +75μT
Lighting power supply	AC220V , DC24V
Outline dimension	750x490x1350mm
Weight	40kg

## Marine Autopilot Work With Marine Hydraulic System

Catalogue Number: Comp 0007

Model Number: **KAP-833**



### Product Details

Place of Origin: China

Brand Name: ONWA

### Specifications

Autopilot, Auto Pilot, Marine Autopilot, Navpilot, Boat Autopilot, Ship Autopilot, Fluxgate Compass, Solenoid Valve

### FEATURE:

- 1) Locks onto current course when auto pilot is engaged
- 2) Pre-set course select enables easy
- 3) Rudder and counter rudder controls enable autopilot to be customized to a vessel's specific steering characteristics
- 4) Off course alarm warns when vessel is not responding to autopilot control
- 5) Navigate with designed route of GPS Navigator

- 6) Timer can be used as an adjustable watch alarm
- 7) Gyro compass input with Gyro converter unit (optional)
- 8) Designed to have up to three remote steering positions

## **SPECIFICATION**

### **Functions:**

1. Auto mode:
  - Input course directly from numeric keypad
  - Change course by panel dial knob
  - Change course by fix or handheld remote (optional)
2. Manual mode
3. Power Steering mode
4. GPS Navigation mode
5. Remote mode

### **Steering System:**

Hydraulic or electro-mechanical

### **Heading Sensor:**

1. Magnetic compass thru pick up coil (standard)
2. Gyro compass thru gyro converter (option)

### **Nav Sensor:**

GPS, Loran outputting data in NMEA0183

### **Adjustment of Parameters:**

1. Weather, Rudder and Counter Rudder from panel.
2. Trim, Rudder Ratio and Rudder Limit from PCB pre-set

### **Alarm:**

1. Off course alarm: 1 ~ 180 degree adjustable
2. Watch alarm: 1 ~ 60 adjustable watch alarm. Will trigger external alarm if not reset within 60 sec.
3. NMEA data from GPS Navigator in GPS Navigation mode.

### **Power Supply:**

12V or 24 VDC, Standby 0.4A, Auto mode  
1.0 A for control unit only.

### **Equipment List:**

- KAP-833 control unit
- Heavy duty rudder feedback unit
- Magnetic compass picks up coil
- Standard accessories
- Standard installation kit
- Operator manual

# Marine Magnetic Compass

Catalogue Number: Com 0008

Model Number:



## Product Description

CPL-190vertical Marine Magnetic Compass is a sort of class A transparent liquid magnetic compass. It is designed and manufactured in accordance with the standard GB/T 14108-93 (General Technical Terms of Marine Magnetic Compass Class A). The magnetic compass is suitable for the large and middle vessels acting as standard compass or steering compass and is used for measuring azimuth and indicating course heading. The product has the advantages of high precision \convenient correcting difference \steady performance and legible lighting etc.

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**Note:** *Please specify the product details with Model number (if any) and Catalogue number.*

# 18-400KW Marine Generator for ships

Catalogue Number: Gen 0001

Model Number: HM18GF-HM400GF



## Product Details

Place of Origin: China

Brand Name: Huaxin

Output Type: AC Three Phase

Speed: 1500/1800rpm, Frequency: 50/60HZ, Rated Power: 18-400KW

Rated Voltage: 230/415V, Rated Current: 18-720A

Application Fields: Ship, Certification: CCS ISO CE

## Specifications

- 1) year or 2000 hours warranty
- 2) Each marine Generator 5hour test
- 3) Delivery two weeks
- 4) Soundproof Type 75dB
- 5) Key/Auto
  
- 6) Output range: 10kW up to 400KW
- 7) quality proof :CCS
  
- 8) Alternator model: GM / MP
- 9) Water-cooled
- 10) 8hrs operation base tank
- 11) Key start / auto start
- 12) Sound-proof / weather-proof canopy is optional
- 13) 230 / 400V AC, 50Hz / 60Hz, 0.8pF three-phase and four wires alternating current output
- 14) Frequency: <3%



- 15) Frequency at stable state:  $<0.5\%$
- 16) Frequency deviation at instantaneous state:  $\leq +10\%$
- 17) Frequency return time:  $\leq 3s$
- 18) Voltage deviation at stable state:  $\leq \pm 1\%$
- 19) Voltage deviation at instantaneous state:  $\leq +20\%$
- 20) Voltage return time:  $\leq 4s$
- 21) Voltage modulation:  $\leq 0.3\%$
- 22) Standard configuration of gensets:
  - a) Engine: Cummins diesel engine
  - b) Engine type: water-cooled, in line four-stroke, Humit cylinder liner, direct injection
  - c) Alternator: Marathon brushless alternator
- 23) Control system:
  - a) Automatic alarm system: the unit has the acousto-optics alarm system and arrestor for any situation as the start defeat, the water is over temperature, the oil pulls down, over speed, over load and over current
  - b) Operation display:
    - i) Unit voltage, tri-phase load current and frequency display
    - ii) Water temperature, oil pressure display
    - iii) Fuel level, fuel temperature display
    - iv) Audible and visual alarm lamps and buzzers
- 24) Starting system: DC alternator is used to start engine
- 25) Short circuit protection: MCCB air switch
- 26) Cooling system: combined cooling water tank fitted to meet the requirement of radiation at ambient temperature  $40^{\circ}C$
- 27) Filter system: oil, fuel and air filter
- 28) Accessories: exhaust elbow, bellow, muffler
- 29) Supply standard collocation:
  - a) Diesel engine with all accessories, 3 filter, electric systems
  - b) Alternator
  - c) Steel structure
  - d) Fan and water tank cooling system
  - e) Flange connector
  - f) 12 / 24V starting motor and charge engine
  - g) Air cleaner, fuel cleaner, oil cleaner
  - h) On-board control panel
  - i) MCCB air conservation switch
  - j) 12 / 24V starting accumulator and Battery line
  - k) Set shock absorber
  - l) High-efficient silencer

## Other products



CE approved 18kw-112kw: Perkins silent diesel generator: 16kw-1200kw silent diesel generator

## Marine Generator

Catalogue Number: Gen 0002

Model Number: 10GF-500GF



### Product Details

Place of Origin: China

Output Type: AC Three Phase

Rated Power: 10kw-500kw

Engine:

Ricardo/Cummins/Deutz/Perkins

Protection: AMF/ATS

Delivery: 15-20days

protection class: IP23

Brand Name: Huatian

Speed: 1500/1800rpm

Rated Voltage:  
400/230/220

Alternator:

Stamford/Marathon

Noise Level: 65db

control panel: LCD

Model Number: 10GF-500GF

Frequency: 50/60hz

Rated Current: 18A-900A

Warranty: 2 years

Panel:

Deepsea/Smartgen/JNH

number of cylinder: 4,6,12

### Specifications

1)Marine Generator

2)with sea water pump and exchanger

3)10-500kw

4)50/60hz

6)ATS panel

#### Marine Generator Specification,

##### 1),Main Specification,

a,3-Phase, 50Hz@1500RPM, 400/230V (Also Can Be Made According To Customers' Special Requirements)

b, Composed Deutz diesel engine and Stamford or Leroy Somer alternator

c,12V/24V DC start motor and storage battery

- d, Brushless, Self-excited, IP23, insulation class H alternator
- e, 40°C radiator as standard, 50°C is optional
- f, Key start panel control system as standard, digital auto-start panel is optional
- g, 8-hour operation base tank
- h, All generator sets are gone through rigorous testing before being released to the market place, including 50% load, 75% load, 100% load, 110% load and all protection function (over speed stop, high water temperature, low oil pressure, battery charging fail, emergency stop)

**2),Data of Generator Set,**

Prime Power	10kw/12.5kva- 500kw/625kva	Standby Power	11kw/13.75kva- 550kw/687.5kva
Rated Speed	1500rpm	Output Frequency	50hz/60hz
Phase	3	Rated Voltage	400v
Engine Brand	Deutz	Alternator Brand	Stamford
Fuel Consumption	4L-200L	Fuel Tank capacity	8 hours
Voltage Regulation Rate	≤±1%	Random Voltage Rate	≤±1%
Frequency Regulation Rate	≤±5%	Random Frequency Variation	≤±0.5%

**3),Engine Specification,**

Model	Ricardo/Cummins/Perkins Lovol/Deutz
Cooling Method	Forced water cooling
Rotating speed	1500/1800rpm
Governor system	electrical or mechanical governor
Aspiration mode	natural aspirated or turbocharged
Starting method	12/24V DC electric starting
Stroke	4 stroke

**Cummins Marine Generator**

**Catalogue Number: Gen 0003**

**Model Number: CCFJ30J---CCFJ136J**



**Product Details**

Place of Origin: China	Brand Name: CUMMINS	Model Number: CCFJ30J--- CCFJ136J
Output Type: AC Three Phase	Speed: 1500rpm/1800rpm	Frequency: 50HZ
Rated Power: 30KW---136KW	Rated Voltage: 400V/440V	Rated Current: 54A-244.8A
POWER FROM 37.5- 244.8KVA: CUMMINS MARINE ENGINE	STAMFORD OR MARATHON ALTERNATOR: INTERGRATED CO...	ASSBLED ON THE SKID BASE: WITH VIBRATION ISOLAT...

**Specifications**

The power range from 30-136KW Cummins OEM manufacture OEM of Stamford & Marathon 10-20 working line

Engine: Powered by Cummins Marine Engine

Marine generator sets which adopts cummins series marine diesel engine(CCS Certificate)  
 Engine model are: 4BTA3.9-GM47, 6BT5.9-GM83, 6BTA5.9-GM100, 6CT8.3-GM115, 6CTA8.3-GM155, 6CT8.3-GM129, 6CTA8.3-GM155,

We are the agent of cummins marine engine before and we have the excellent engineer in the marine engine.

Alternaor: Equipped with some famous brushless excitation alternators. (Marathon, Stamford, etc. ) or others as you choose

The marine diesel generator set has auto protective device, it can control and protect the water temperature, oil temperature, oil pressure, and the speed. It has many advantages such as automatic speed regulation, automatic voltage regulation, good dynamic performance, stable fluctuation form of voltage, high efficiency, excellent reliability, long service life, etc. It can provide other Marine Classification Society Approval if needed.

# Marine Brushless Generator (Alternator)

Catalogue Number: Gen 0004

Model Number: TJCW



## Product Description

Model NO.: TJCW

Standard: IEC60034, ISO6858, GB755, JB/T10747, GJB1213

Origin: China

Rated Frequency: 50/60Hz

Rated Speed: 100-3600rpm

Rated Power: 3-3600kw

Pole Number: 2-60pole

Application Field: Marine, Ship & Offshore Applications

Phase Output: Three Phase or Single Phase

3-3600kW, 50/60Hz, 2-60pole, 100-3600rpm, three or single Phase

## Electrical Performance

(1) Steady voltage regulation:

For standard type: Within  $\pm 1\%$

For digital type: Within  $\pm 0.5\%$

(2) Transient voltage regulation:

For standard type:  $-15\% \sim +20\%$  (best in China)

For phase-compound-excitation type:  $-12\% \sim +15\%$  (best in the world)

(3) Transient voltage recovery time:

For standard type:  $\leq 1s$  (best in China)

For phase-compound-excitation type:  $\leq 0.5s$  (best in the world)

(4) Total voltage waveform harmonic distortion:  $\leq 2\%$  (best in China)

(5) Total voltage unbalance under unbalanced loads:  $\leq 3\%$  (best in China)

(6) Insulation: Class H

(7) Protection: IP23, IP44, IP54, IP55, etc.

## Predominant Advantages

- All designs are most advanced in the world.

- Excellent electrical performances in all aspects
- Excellent voltage waveform with lowest harmonic distortion, suitable for all kinds of important applications
- Ultra-low operation temperature rise with big temperature rise margin to ensure high reliability and long service life
- Unique ventilation structure, licensed with national technical patent
- Unique Compound Excitation Technology to endow the products with excellent dynamic performance
- Unique Double Remanence Technology to provide complete reliability in self-excited voltage buildup
- Solid fully encapsulated AVR and rectifier to resist moisture, vibration, salt fog and chemical corrosions
- Precise voltage regulation with low-speed protection
- Compact size, popular outline, high reliability and long service life

## Marine Diesel Generator Set

Catalogue Number: Gen 0004

Model Number: GFJC



### Product Description

Model NO.: GFJC

Standard: IEC60034, ISO6858, GB755, JB/T10747, GJB1213

Origin: China

Output Type: AC Three Phase

Cooling Method: Water Cooled or Air Cooled

Installation Method: Fixed or Movable Mounting

Rated Frequency: 50/60Hz

Structure Type: Open-Frame, Silent, Trailer, Truck

Rated Speed: 100-3600rpm

Rated Power: 10-3000kVA

Phase Output: Three Phase or Single Phase

10-3000kVA, 50/60Hz, Three or single phase

Engines available at international brands (such as Cummins, Deutz, MTU, etc.) and Chinese brands

## Introduction

- Specially designed for marine applications serving as the power supply on all kinds of offshore or ship locations.
- Worldwide advanced designs, licensed with national technical patents
- Wide range of power rating and frequency
- All products are designed in accordance with IEC & ISO standards, and are manufactured in ISO9001 certified & military quality system certified environments.
- Competitive pricing

## Electrical performance

(1) Steady voltage regulation:

For standard type: Within  $\pm 1\%$

For digital type: Within  $\pm 0.5\%$

(2) Transient voltage regulation:

For standard type:  $-15\%\sim+20\%$  (best in China)

For phase-compound-excitation type:  $-12\%\sim+15\%$  (best in the world)

(3) Transient voltage recovery time:

For standard type:  $\leq 1s$  (best in China)

For phase-compound-excitation type:  $\leq 0.5s$  (best in the world)

(4) Steady frequency regulation: Within  $\pm 3\%$

(5) Transient frequency regulation: Within  $\pm 10\%$

(6) Transient frequency recovery time:  $\leq 3s$

(7) Voltage adjustment range:  $(95\sim105)\%U_n$

(8) Voltage fluctuation (tolerance): Within  $\pm 0.5\%$

(9) Voltage waveform distortion (harmonic contents):  $\leq 2\%$  (best in China)

(10) Total voltage unbalance under unbalanced loads:  $\leq 3\%$  (best in China)

(11) Insulation: Class H

## Major advantages

- Excellent electrical performances in all aspects
- Excellent voltage waveform with minimum harmonic distortion, suitable for all kinds of important applications (for instance, the state defense and tele-communication)
- Minimum working temperature rise, with big temperature rise margin of more than one insulation class gap to guarantee the high reliability and long service life
- Unique ventilation structure, licensed with national technical patent
- Unique Compound Excitation Technology, offering excellent dynamic performance
- Unique Double Remanence Technology, offering complete reliability in self-excited voltage buildup
- Solid fully encapsulated AVR and rectifier to resist moisture, vibration, salt fog and chemical corruptions
- Precise voltage regulation, with low-speed protection
- Compact size, high reliability and long service life

**\*\*** *If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles if you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

**Note:** *Please specify the product details with Catalogue number and Model number (if any).*

# Standard and non-standard Marine Hardware

Catalogue Number: MH 0001



## Product Details

Type: Accessory for Marine Anchor & Chain, Material: Steel, Size: Dia: from 12.5mm to 122mm  
Usage: Marine Anchor and Anchor Chain, finish:: baking paint, Galv. or as per request

## Specifications

Marine Hardware

- 1.Cert: ABS, LR, DNV, CCS, GL.etc.
2. Grade: 2, 3 (AM2, AM3)
- 3.Material:tempered Steel , forged steel ,cast steel

## Marine Hardware



Kantar Shackle



Swivel



Joining shackle



Anchor shackle Pear Shaped



Common Link



TYPE A



TYPE B

Anchor Swivel Shackle



Swivel Pieces



Anchor shackle





# Shackle rigging marine hardware

Catalogue Number: MH 0002



## Product Details

Type: shackle

Material: Steel

Size: 8-50mm

## Specifications

Shackle rigging hardware  
manufacturer supply for more than 10 years  
high quality and delivery on time  
all sizes and material

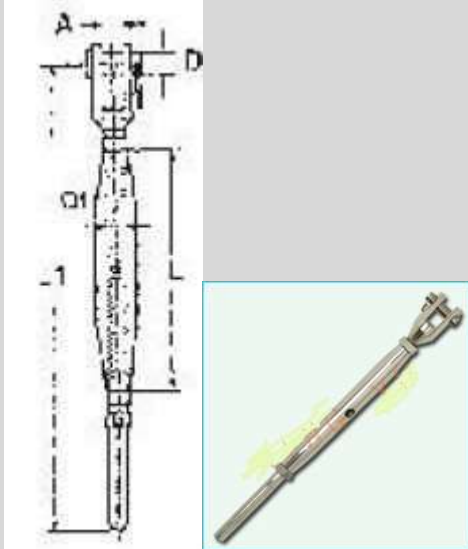
Shackle rigging hardware  
manufacturer supply for more than 10 years  
high quality and delivery on time  
all sizes and material

ART NO	SIZE(INCH)	W.L.(TONS)	PIN DIA ( INCH)	I.L.(INCH)	N.W.(LBS)
SF1501	1/2	2	5/8	1-7/8	0.79
SF1502	5/8	3-1/4	3/4	2-3/8	1.68
SF1503	3/4	4-3/4	7/8	2-13/16	2.72
SF1504	7/8	6-1/2	1	3-5/16	3.95
SF1505	1	8-1/2	1-1/8	3-3/4	6.12
SF1506	1-1/8	9-1/2	1-1/4	4-1/4	8.27
SF1507	1-1/4	12	1-3/8	4-11/16	11.71
SF1508	1-3/8	13-1/2	1-1/2	5-3/16	15.38
SF1509	1-1/2	17	1-3/4	5-3/4	20.8
SF1510	1-3/4	25	2	7	33.91
SF1511	2	35	2-1/4	7-3/4	52.25
SF1512	2-1/2	55	2-3/4	10-1/2	98.25
SF1513	3	85	3-1/4	13	154



# Marine hardware

Catalogue Number: MH 0003



## Product Details

Type: XINGYU RIGGING

Material: Steel

Size: ALL SIZE AVAILABLE

Brand Name: XINGYU RIGGING

Place of Origin: China

## Specifications

The rigging is our common goods. It can be widely used in ships, vessels, constructions and machines

Art.No.	D1	mm	mm	L	mm	L1	mm	A	mm	D	mm	Approx.	BL	KN
XY02-0205	M5	2.5	80	155	6.5	5	10							
XY02-0206	M6	3.0	95	175	7.5	6	15							
XY02-0208	M8	4.0	105	205	11.0	8	30							
XY02-0210	M10	5.0	125	230	12.0	9	43							
XY02-0212	M12	6.0	150	285	15.0	12	65							

XY02-0214	M14	7.0	165	315	15.0	12	85
XY02-0216	M16	8.0	190	375	17.0	16	95
XY02-0219	M19	10.0	210	405	20.0	29	125

## Container lashing fittings

Catalogue Number: MH 0004

Model number: FF



### Product Details

Place of Origin: China

Brand Name: Hi-Sea

Model Number: FF

Part: container foundation

Material: high tensile steel, cast & forged steel

Finish: primer or hot dipped galvanized

### Specifications

Marine hardware

1. CCS, GL, ABS, KR certificate
2. Most competitive price
3. Finish: paint or hot dipped galvanized

### Marine Hardware-container lashing fittings

#### 1. Foundation

- a. Flush ISO Foundations
- b. Raised ISO Foundations
- c. Dovetail Foundation
- d. Breech type

#### 2. Lashing plate

- a. Double Plate

b. Eye Plate

### 3. Cone & Head guiding

### 4. D-rings & Clamp

- a. Flush D-rings
- b. Sliding D-rings
- c. Breech base D-rings
- d. Turnfoot D-rings

### 5. Stacker

- a. Bottom stacker
- b. Intermediate stacker

### 6. Twistlock

- a. Sliding twistlock
- b. Breech base twistlock
- c. Intermediate twistlock
- d. Large seat twistlock
- e. Turnfoot twistlock
- f. Semi-automatic twistlock

- 7. bridge fitting
- 8. pressure supports
- 9. turnbuckle
- 10. lashing rod
- 11. extension rod
- 12. Actuator pole

Classification: All items are approved by major classification societies

Remarks: Other lengths, materials and fish upon request

### Some pictures for reference



Foundation



Lashing plate



D-ring & clamp



cone



Twist lock



extension rod



lashing rod



turnbuckles



bridge firing

## Turnbuckle commercial type rigging

Catalogue Number: MH 0005



### Product Details

Type: turnbuckle, Material: Steel, Size: M5-M40

### Specifications

Turnbuckle rigging marine hardware  
size: 4mm-28mm  
material: carbon steel, stainless steel  
supply for more than 10 years

Turnbuckle rigging marine hardware  
size: 4mm-28mm  
material: carbon Steel, stainless steel  
surface: hot dipped galvanized, electric galvanized

Self-colored and powder coated

Procedure: drop forged, cast forged

## Forged marine hardware

Catalogue Number: MH 0006

Model Number: B-111



### Product Details

Place of Origin: China, Brand Name: changed rigging,  
Part: Piston, name: forged marine hardware, surface: galvanized  
Material: carbon steel stainless steel

### Specifications

Material Carbon steel stainless steel  
Surface hot dip galvanized electric galvanized

## Oil tight hatches

Catalogue Number: MH 0007

Model number:



### **Product Details**

Place of Origin: China, Part: Marine cover, Material: Steel  
Standard: CB/T 282-94, Type: A, Shape: Circle horizontally  
Coating: As per customer's requirement, Style: Rotary

### **Specifications**

- Rotating oil tight hatch cover
- Type A circle horizontally opening oil tight hatch cover
- Flexible rotation easy to use
- Horizontally opening oil tight hatch cover
- Used for passage way oil store various ships
- According to international and domestic standard to produce
- Can be produced as per customer drawings and samples

## **Marine hardware**

**Catalogue Number: MH 0008**

**Model number: US 163**



### **Product Details**

Place of Origin: China, Brand Name: Unisite, Model Number: US 163  
Part: marine fitting equipments

## Specifications

Marine hardware, ship doors, windows, scuttles, hatch covers, ladders, mooring outfitting etc., being used in ship fields.

Various kinds of marine hardware, standard and nonstandard, such as ship's doors, windows, scuttles, hatch covers, ladders, mooring outfitting etc., being used in ship fields.

## Requirements

For delivery, the following certificates will be supplied:

- Material certificates according to EN 10204
- QC-datasheet with acceptance
- Painting certificate and reports



## Marine Hardware Cleat

Catalogue Number: MH 0009

Model number:



### Product Details

Material: Casting Steel, Size: Not bound, Type: Marine Hardware Cleat, Brand: B.M.

Size: 6" 8" 10" 12" 14" 16", Finish: Polished, galvanized or bitumen painted



## Specifications

Marine Hardware Cleat

- 1), the product is used on yacht, boat, ship
- 2), material: stainless steel 316
- 3), surface: mirror

## Chain shackles, Marine shackle

Catalogue Number: MH 0010

Model number:



### Product Details

Place of Origin: China, Brand Name: yaxing, color: metal color

## Specifications

Working load limit permanently shown on every shackle.  
Forged, quenched and tempered, with alloy pins.

1. Material: alloy steel, carbon steel
2. Maximum proof load is 2.2 times the working load limit.

Minimum proof load is 6 times the working load limit.

3. Surface treatment: color painted, self-colored, polished, hot dipped galvanized, electro galvanized

# Commercial rigging hardware products

Catalogue Number: MH 0011

Model number:



## Product Details

Place of Origin: China, Brand Name: ST, Model Number: various, surface: galvanized

## Specifications

Rigging hardware products

1. Various rigging hardware products
2. marine use or wire rope fittings
3. ISO9001:2000

*\*\* If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

**Note:** *Please specify the product details with Model number (if any) and Catalogue number.*

# Composite rock wool insulation panel

Catalogue Number: MI 0001

Model Number: A



## Product Details

Type: Other Heat Insulation Materials

Place of Origin: China

Brand Name: speedhorse

Model Number: A

IMPA: marine

## Specifications

1. fire class: B0/B15
2. width: 550 mm
3. thickness: 25/30/50
4. 0.6 mm thickness steel sheet finished with PVC film or galvanized



## Marine floor coverings

Catalogue Number: MI 0002

Model Number: MDFC202-001



### Product Details

Type: Rubber Flooring

Place of Origin: China

Brand Name: Lange

Function: Thermal Insulation

Pattern: Embossed

Product Material: Rubber

Usage: ships, vessels

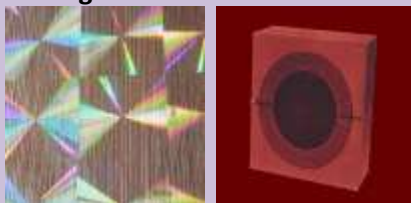
### Specifications

Rubber flooring is high flexibility, comfort, water moisture, sound-absorbing, and anti-skid. It is outstanding fire-resistant.

Rubber flooring is high flexibility, comfort, water moisture, sound-absorbing, and anti-skid .It is feeling practical, easy walking and high strength wear-resistance. Rubber flooring is made into a number of extraordinary performance and purpose as high degree of insulation, anti-static, high temperature, oil, acid, etc. It is a full range of eco-friendly materials: harmless non-toxic, non-waste production process generates, no release of harmful gases or substances, thermal insulation performance is good.

## Heat Insulation/ Marine interior - laminate wall and ceiling panel cover calcium silicate board

Catalogue Number: MI 0003



### Product Details

Type: Other Fireproofing Materials

Place of Origin: Denmark

Brand Name: Stenca Panel

Ingredients: laminate panel and calcium silicate

Color: as required

### **Specifications**

The panels can be supplied with decorative surfaces on one or both sides in laminate, aluminium, steel, canvas, fabrics, and card board

The Marine Interior Design line includes soft core, wood and plastic panels. The panels can be used on board ships, cruise vessels and offshore. In addition the panels can be used for several onshore purposes among others. They are ideal to use as ceilings and walls

The panels can be supplied with decorative surfaces on one or both sides in laminate, aluminium, steel, canvas, fabrics, cardboard, glass etc. with respect to the panel type and the required abilities (e.g. sound reduction). Please contact Stenca Trading A/S for guidance on which panel type and surface suitable for your needs

The already surfaced panels gives you the advantage of an e.g. ready to use wall after installation. Furthermore, the laminated surface can be designed with a picture of your desire. This may be Sydney Opera house, the coast of Skagen or Helena Christensen. Thus, the panels create the ultimate atmosphere e.g. onboard a cruise ferry.

## **Marine use glass wool**

**Catalogue Number: MI 0004**

**Model Number: HUALIGW**



### **Product Details**

Type: Other Heat Insulation Materials

Place of Origin: China, Brand Name: HUALI, Model Number: HUALIGW

Material: Glass, Highest Working Temperature: 400

### **Specifications**

1. Excellent quality
2. competitive price
3. best service

4. high service temperature
5. good performance of thermal insulation

### **1. Introduction:**

The glass wool product is placed in the glass of the meltdown appearance proceed the fiber turn and spray the resin of solid that draw the hot silk wadding form material, then turn through hot solid the deep processing handles and can also make into the series and various products. It has the performance of fire-preventing, Non-toxic, antiseptis, Light volume-weight, low heat conduction factor, good chemistry stability, low water absorption coefficient and good hydrophobic coefficient. Currently, it is the most superior heat preservation and sound absorption material generally accepted by people. This kind of material which can be make into board, tube, blanket , is widely used for insulation and heat preservation of building, chemistry, electron, electric power, metallurgy...etc, it has the following merits: the cost is lower, the function of hydrophobic coefficient is good, enriching the flexibility, the soft degree is good; can affix aluminum foil to the surface, light volume-weight, non-combustible and prevent fire, chemistry stability is good; The application is wide, the specification of product is stable;

### **2. Dimension:**

#### ***Glass wool board***

- (1) Weight: 24-74kg/m<sup>3</sup>
- (2) Specification: 1200×2000mm 1200×600mm
- (3) Thickness: 20-80mm

#### ***Glass wool tube***

- (1) Weight: 48-70kg/m<sup>3</sup>
- (2) Specification: φ15-1200mm
- (3) Thickness: 30-100mm

#### ***Glass wool blanket***

- (1) Weight: 14-48kg/m<sup>3</sup>
  - (2) Specification: Width: 1200mm Length: 11m, 22m
  - (3) Thickness: 25-150mm
- (Special size can be made to order)

### **3. Performance:**

1. Water tightness, antiseptis and do not become mildewed, do not living the characteristic of the insect, Can obstructs availably congealed, prevent the piping congelation.
2. Light volume-weight, high coefficient of acoustic absorption, non-combustible and prevent fire, chemistry stability is good.  
The cost is lower; the function of hydrophobic coefficient is good.
3. Enriching the Flexibility, the soft degree is good; Normal thermal insulation materials and normal cool insulation materials. The application is wide; the capability of product is stable.

#### **4. Application:**

Used in heat and cool insulation of roof and building; thermal insulation for tube of air condition and refrigerator, mainly used for heat and cold insulation in oil, chemical, electric power, industrial heat supply and civil supply. It also can be used for fire- prevention and heat and cold insulation of high-rise building, heat and cold insulation of air-conditioned rooms, vehicles and vessels.

#### **5. Technical data:**

Item	Unit	Specification
Average diameter of fiber	mm	<=8
Weight	Kg/m <sup>3</sup>	10-96
Factor of heat conduction	W/m.k	0.030-0.044
Incombustible property		A
Hydrophobic coefficient	%	>98
Service temperature	°C	-120°C-400°C
Slag ball	%	<=0.3
Organism	%	<=4
Water	%	<=1.0

## **Marine use rock/mineral wool board**

Catalogue Number: MI 0005

Model Number: thickness 30-150mm



### **Product Details**

Type: Other Heat Insulation, Place of Origin: China, Brand Name: Shenghen

Model Number: thickness 30-150mm, Color: Yellow, Apparent Density: 50-200kg/m<sup>3</sup>

Material: basalt

### **Specifications**

Sell marine use rock/mineral wool board for international market

1 trustful supplier

2 various size

3 good price & service

**Specification :**

(1)Density: 80-180kg/m<sup>3</sup>

(2)Specification:1000×600mm

(3)Thickness:30-100mm (Special size can be made to order)

## Marine fireproof ultra light new patent Aluminum foam Panel (Pounced holes)

Catalogue Number: MI 0006

Model Number: AFP PH



**Product Details**

Type: Other Heat Insulation Materials

Place of Origin: China

Brand Name: Chinabeihai

Model Number: AFP PH

Aluminum foam panel/board: soundproof/acoustic insulation panel: ventilation  
Marine fireproof ult...

heat insulation panel: anti-vibration/ damping ...

Ultra light/low weight panel: soundproof compartment panel: flooring, ceiling  
electromagnetic s...

low thermal conductivity: enclosure /partition ...

partition bulkhead: aluminum foamed aluminum flooring/ceiling: railway carri...  
foam tile

Fully recyclable material/panel: 100% eco-friendly

new construction panel/material: high stiffness...

**Specifications**

Soundproof panel, heat insulation, Fully recyclable, 100% Eco-friendly, electromagnetic shielding, anti-vibration,

### Application

Exterior/Interior cladding	Stone fronts	Ceiling
Column and beam covers	Signboard	Flooring
Spandrel panels	Curtain wall	wall
Fascia and soffit	Furniture	Partitions



Parapet walls and copings      Display units      Canopies

## Product Characteristics

Sound Proofing  
Vibration Damping  
Lightness  
High Stiffness  
Incombustible  
Non-toxic  
Non-inflamable  
Fully Recyclable  
Buffer Effect  
Thermal Resistance and Low Thermal Conductivity  
Electromagnetic Wave Shielding  
Easy Workability (sawing, milling, bending, painting, bonding)

## Mineral wool board for marine use

**Catalogue Number: MI 0007**

**Model Number: HUALIGW**



### Product Details

Type: Other Heat Insulation Materials, Place of Origin: China, Material: Basalt

### Specifications

Mineral wool board for marine use

- 1.density:60-180kg/m<sup>3</sup>
- 2.Specification:1000/1200\*600mm (length\*width)
- 3.Thickness:30-100mm

### Mineral wool board for marine use

- 1.density:60-180kg/m<sup>3</sup>
- 2.Specification:1000/1200\*600mm (length\*width)
- 3.Thickness:30-100mm

\*\* If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!  
If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you  
Note: Please specify the product details with Catalogue number and Model number (if any).

## 2500kw Main Marine Engine

Catalogue Number: ME 0001

Model number: GN8320ZC2B



### Product Description

Model NO.: GN8320ZC2B

2500KW main engine (GN8320ZC2B)

- 1) Type: In-line, 4-strokes, intercooled, exhaust turbo-charging, non-reversible marine diesel
- No. Of cylinders: 8  
Bore/stroke: 320/380mm  
Rated power: 2500kW  
Rated rotate speed: 600r/min  
Specific F. Q. Consumption: 198-200g/kW. H+3%  
Specific L. Q. Consumption. 0.8g/kW. H  
Starting method: Compressed air  
Direction of rotation: Clock wise

### Auxiliary equipment

1. Hight flexible coupling HGT6320
2. Reduction gearbox MG52.59 2.5: 1  
Type concentric, same direction speed reduction gearbox Ratio=2.5: 1  
Direction of rotation. Clock wise
3. The crankcase oil mist alarm
4. Main engine rok-control equipment CDQY-1  
Exhaust boiler LYF0.5/70-0.7  
Fuel oil Exhaust 0.7Mpa  
Steam pres. 0.7Mpa
5. Gas mixed stream boiler Steam quantity: 800kg/h (500kg/h)  
Capacity. 2.4m<sup>3</sup>/h  
Press. Head: 105m WC

Motor power 3Kw

6. M/E F. O. Supply unit KHVU-C-1.2E-C Steam pres. 0.7Mpa  
CRGD1.1C-WX 3500s  
Inlet oil viscosity. 3500s  
Outlet oil viscosity 10-14cst  
Capacity: 1.61m<sup>3</sup>/h  
Supp. Oil pressure. 0.6Mpa  
Volt. 380V  
Frequency. 50Hz

7. F. O. Purifer unit KYDH204SD-23 Discharge method  
Auto-discharge  
SJ10G/GH 1300L/H  
Output pressure Pressure. 0.2Mpa  
Capacity. 1325m<sup>3</sup>/h  
Power. 3Kw  
Volt. 380V  
Frequency. 50Hz

8. LO purifer unit KYDR203CD-23 Discharge method.  
Auto-discharge  
SJ10G/GH CAPACITY: 1200 L/H  
Output pressure KYDH203RD-23 Pressure. 0.2Mpa  
Capacity. 1225m<sup>3</sup>/h  
Power. 2.2Kw  
50Hz Frequency. 50Hz

## 170 Series Marine Engine (750HP)

Catalogue Number: ME 0002  
Model number: Z8170AVCZ-20



### Product Description

Z8170/750HP engines were designed of the straight line, 8 cylinders, 4 strokes, direct injection, supercharged, air inter-cooling and irreversible

Model	Z8170AVCZ-20
Continuous power (kW)	575

Cylinder bore x piston stroke mm	170*200
Mean piston speed m/s	9
Mean effective pressure (Mpa)	1.408
Rated speed (r/min)	1350
One hour power (kW)	633
One hour speed (r/min)	1394
fuel oil consumption (g/kW·h)	200
Lube oil consumption (g/kW·h)	1.0
Start method	Air motor or electric motor
Cooling method	Closed water cooling
High of lifting piston from crankshaft (mm)	1260
Overall dimensions (LxWxH) (mm)	3080*1440*2053
Diesel engine net weight (kg)	4300

## 1000KW Marine Diesel Engine

Catalogue Number: ME 0003

Model number: N6210ZD8



## Product Description

No.	Item	Unit	Specification
1	Engine Model		N6210ZD8
2	Type		In-line, 6-Cyls, four-stroke, direct injection, charged, inter cooled
3	Bore	mm	210
4	Stroke	mm	300
5	Total displacement	L	62.3
6	Mean piston speed	m/s	10
7	Rated power	KW	1103
8	Rated rev.	rpm	1000
9	Overload		(1 hr per 12 hrs) kW/rpm      1213.3/1000
10	Mean effective pressure	MPa	2.12
11	Compression ratio		15
12	Rotation direction		clockwise, viewed from flywheel end.
13	Firing order		1-5-3-6-2-4
14	Specific fuel oil consumption	g/kW. h	188+5%
15	Specific Lube oil consumption	g/kW. h	< 0.8g/kW. h
16	Smoke	RB	≤ 0.8
17	Noise	dB(A)	125
18	Starting method		Electronic motor or air motor
19	Cooling system		Fresh water cooling
20	Lubricating system		Pressure lubricating
21	Fuel oil specification		Diesel oil and 380Cst/50 HFO
22	Lube oil specification		CD40
23	Piston lifting height	mm	1800
24	Overall dimension	mm	4096X1350X2645.5 (Module), 3662X1286.5X2622.5mm
25	Net weight	kg	13800(Module), 12500

*\*\* If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

*Note: Please specify the product details with Catalogue number and Model number (if any).*

## DCPD Hydrocarbon Resin-- Used in Marine Paint

Catalogue Number: P 0001

Model Number: : DA201



### Product Details

Place of Origin: Zhejiang China

CAS No.: 53640-62-3

Type: Synthetic Resin and Plastics

Brand Name: DCPD

Type: Petroleum

Model Number: DA201

**Packaging Detail:** 25kgs per pp woven bag or bags as customer request. 18MT without pallet in a 20'FCL  
26MT without pallet in a 40'FCL 15MT with pallet in a 20'FCL 24MT with pallet in a 40'FCL

### Specifications

Marine Paint, Nitrate Paint, Alkyd Paint, Epoxy Resin, Polyester Paint, Adhesives, Industries Related to Electric Work

DCPD Hydrocarbon Resin can be used in marine paint. It has good compatibility with epoxy resin in esters solvents and has good solidifying rate to epoxy resin, thus it can be used as a solidifying modifier too. The addition of DCPD hydrocarbon resin (DA201) as a modifying agent can not only reduce the paint cost, but also lower the shrinkage force of epoxy resin, improve the adhesiveness as well as penetrability of paint to cement and steels, strengthen the wetting property to paint and improve the leveling property of paint film.

1. Appearance Eye balling: Granule
2. Color (Gardner): 6#
3. Softening Point (°): 95~125
4. Ash Content (wt.%): 0.03
5. Acid Value (mgKOH/g): 0.5max
6. Specific Gravity: 1.07

# MARINE 3 IN 1 PAINT (METAL COAT)

Catalogue Number: P 0002



## Product Details

Place of Origin: Malaysia

Main Raw Material: Acrylic

Usage: Boat Paint

Application Method: Spray

Brand Name: METALCOAT

## Specifications

1. METALCOAT 118  
SELF-PRIMING EPOXY MASTIC (3 IN 1)
2. METALCOAT 1208 UEM  
UNDERWATER EPOXY MAS

## METALCOAT 118 Epoxy (3 in 1 Coating)

### Why use METALCOAT 118 Epoxy (3 in 1 Coating)?

#### 1. Quality of METALCOAT-118 Epoxy (3 in 1 Coating)

METALCOAT 118 is a two-component surface tolerant anti-corrosion epoxy coating for steel. It is a self-priming coating for old and painted steel surfaces. It is highly recommended as a maintenance coating on rusty or painted surface.

METALCOAT 118 can be top-coated with alkyd, acrylic, polyurethane, vinyl and other top-coats.

Easy application - Applied by roller or spray.

Chemical resistant - resistant to wide range of industrial chemicals.

High build - can build up to 200 microns in one coat.

Anti-corrosion - excellent protection properties for steel surfaces.

Surface tolerant adhere well to surface with minimum surface preparation and old coatings.

Good adhesion - Adhere very well to almost any surface.

Self-priming - No primer required.

· Volume Solids: 85%

#### 2. Comparison-Conventional 3 Coat System and METALCOAT 118 Epoxy (3 in 1 System)

Conventional 3 Coat System comprised the following:-

- a. Primer - @ 40 to 50 micron dry Film Thickness.
- b. Intermediate High Build- @ 125 to 150 micron Dry Film Thickness.
- c. Final Coating- @ 50 to 60 microns Dry Film Thickness.
- d. Total up to 200 microns and above.

METALCOAT-118 Epoxy (3 in 1 System) comprised of:

- a. Primer + High Build + Finishing Color of choice - All in 1

b. Coat 200 micron Dry Film Thickness at one go.

### 3. METALCOAT 118 EPOXY (3 in 1) MORE ADVANTAGES

#### Paint Application (Easy and Simple)

With Metal Coat only one application is required for the desired thickness of up to 200 micron per coat. This one coat has all the required Primer + High Build + Finishing Color of choice - All in 1

However, it is important to conduct initial stripe coating to all weld seams/steel corners and sharp edges prior to coating. (Similar to conventional coating)

#### Reduced Wastages of Paint

With Metal Coat, because of its one coat application system, the wastage of paint is only once. Compare to the conventional 3 coat system, the wastage will be 3 times.

#### Zero Confusion in Resin/Curing Mix

Only 1 resin and 1 curing system the probability of wrong mixer is completely eliminated. Epoxy coating cannot accept wrong mixer. Entire drum shall be wasted and needs to be thrown away.

#### Adhesion Strength

Conventional 3 coat system adhesion pattern:-

Primer Coat on Surface Prepared Steel surface.

Intermediate Coat on Primer Coat.

Finishing Coat on Intermediate Coat.

Greatest problem encountered with the conventional 3 coat system are adhesion failures between coats. Primer on steel always provides the best adhesion. Intermediate on primer adhesion is weaker, more so if the application is done on the next day when contamination occurs overtime with salt and chloride. The final coat face similar adhesion problem.

With Metal Coat 118 Epoxy (3 in 1 System) the adhesion failure is totally eliminated.

The one coat system adheres to the prepared steel in one homogeneous thickness.

#### Cost Savings - Advantages

It has been proven that the costs savings are enormous. This ranges from:-

- a. Paint Cost is very much lower compare to having to purchase 3 coat system of Primer/Intermediate/Finishing.
- b. Application Cost reduced with one coat application.
- c. Higher Productivity with increase area coverage.
- d. Equipment/Material and Labor savings by using lesser time frame/structures to perform.
- e. Paint Wastages is drastically reduced. No paint is left to waste. Every drop is used up.



## Deck surface paint

Catalogue Number: P0003

Model Number: 725-BS42-28



### Product Details

Place of Origin: Fujian China

Main Raw Material: Polyurethane

Usage: Appliance Paint, Boat Paint, marine spray

Application Method: Spray

State: Liquid Coating

Brand Name: SUNRUI

Model Number: 725-BS42-28

Color: multicolor

### Specifications

CCS,ISO 9001

Aging performance is excellent

VOC less than 390g/L

Product Description -A two pack acrylic polyurethane deck paint, giving excellent durability and long term recoatability.  
-VOC less than 390g/L  
-A tough cosmetic finish

Intended Uses-For use in all above water areas

-For use at Newbuilding, Maintenance and Repair or On Board Maintenance

Volume Solids 57%±3%

Finish/Sheen Gloss

Typical Film Thickness 40 microns(1.57mils) dry (70microns wet)

Product Information Theoretical Coverage 14.3m<sup>2</sup>/L at typical film thickness

Mix ratio 6:1(volume)7.5:1(mass)

Method of Application

Airless Spray Recommended

Tip size range 0.38-0.53mm

	Output pressure	≥17MPa
Air Spray	Tip size range	2.0-3.0mm
	Output pressure	≥0.4MPa
Brush/Roller	For small area only	
Thinner	Not recommended. Use only in exceptional circumstances (volume 5%)	
Cleaner	BX-28	
Induction Period	Not required	
Drying Information		

	-5°C	5°C	25°C	35°C
Touch Dry	4h	2h	40min	30min
Hard Dry	48h	24h	8h	6h
Pot Life	8h	6h	4h	4h

Over coating Data	Substrate Temperature			
	<u>-5°C    5°C    25°C    35°C</u>			
Over coated by	Min	Max	Min	Max
725-BS42-28	48h	-	24h	-
	8h	-	6h	-

Storage Store in cool and dry conditions. Well ventilate. Keep away from hot and fire. Shelf Life: 12 months minimum at 25°C. Subject to re-inspection thereafter

Pack Size	Part A	22.5kg/17L in 20 L container
	Part B	3.0kg/3L in 6 L container
Flash Point	Part A	Greater than 31°C
	Part B	Greater than 28°C
	Mixed paint	Greater than 31°C

Systems and Compatibility Consult your Sunrui Representative for the systems best suited for the surfaces to be protected.

High pressure fresh water wash or fresh water wash, as appropriate, and remove all oil or grease, soluble contaminants and other foreign matter in accordance with SSPC-SP1 solvent cleaning. All surfaces to be coated should be clean, dry and free from contamination.

**New building/Major Refurbishment**

725-BS42-28 should be applied over a recommended primer coating scheme. The primer surface should be clean, dry and free from contamination. 725-BS42-28 must be applied within the coating interval specified (consult the relevant product data sheet). Areas of breakdown, damage etc. should be prepared to the specified standard (eg. St3) and primed prior to the application of 725-BS42-28.

**Repair/On Board Maintenance**

725-BS42-28 should be applied over a recommended primer coating scheme. The primer surface should be clean, dry and free from contamination. 725-BS42-28 must be applied within the coating interval specified (consult the relevant product data sheet). Areas of breakdown, damage etc. should be prepared to the specified standard (eg. St3) and primed prior to the application of 725-BS42-28.

725-BS42-28 may be applied directly over aged 725-BS42-28 following thorough fresh water washing and degreasing provided the coating to be over coated is in an intact and tightly adherent condition. Loose or flaking coatings should be removed back to a firm edge and 725-BS42-28 or an appropriate primer should be used to repair the area before application of the full coat.

## Marine paint

**Catalogue Number: P 0004**

**Model Number: CR-222**



### Product Details

Place of Origin: China

Main Raw Material: Chlorinated

Usage: Marine Paint

Application Method: Brush

State: Liquid Coating

Brand Name: HI-Sea

Model Number: CR-222

Color: as required

### Specifications

Marine Paint

1.weather resistance

2.best price

3.eco-friendly

### Marine Paint

Application: use for ship waterline and deck

Feature: with favorable weather resistance, film tough and tensile, favorable sea water resistance

Chlorinated Rubber deck Paint CR-222

# Alkyd anticorrosive paint

Catalogue Number: P 0005



## Product Details

Place of Origin: China

CAS No.: C04-2

Other Names: anticorrosive paint

Main Raw Material: Alkyd

Usage: metal paint

Application Method: spray brush roller

State: Liquid Coating

Brand Name: Beide

Color: all colors

Gloss: According to the request

Theoretical coverage: 150g/m<sup>2</sup>

Photopolymer thickness: 35

Touch dry: ≤8h

hard dry: ≤24h

## Specifications

1. Excellent tackiness

2. excellent flexibility

3. Resistance to Marine climate

color all colors

gloss According to the request

photopolymer thickness 35um

theoretical coverage 150g/m<sup>2</sup>

touch dry ≤8h

hard dry ≤24h

applied to superstructure of ship

packaging 20 kg/barrel

Storage period 12 months

Applicable period It must be used up in 8h, and can't construct below 5°C

thinner Special thinner

Amount of thinning 0-5%

## Cuprous Oxide Used as antipollution paint in bottom of ship to kill marine animal lives

Catalogue Number: P 0006



### Product Details

CAS No.: 1317-39-1	Other Names: Cuprous Oxide	MF: Cu <sub>2</sub> O
Place of Origin: China	Grade Standard: Industrial Grade	Purity: 98%
Appearance: red powder	Application: used as germicide etc.	Brand Name: Shuangyou
Usage: analytical reagent and rectifier electr...	Used as: antipollution paint in bottom of ship ...	
Packaging Detail:	Well packed by three layers of Kraft paper and one layer of aluminum foil paper, with the net weight 25kgs.	

### Specifications

Cuprous Oxide

1. CAS: 1317-39-1;
2. Used as antipollution paint in the bottom of ship etc.
3. Best quality & service

### Character:

Cuprous Oxide is red powder with density 6.00, melting point 1235°C, boiling point 1800 °C, it dissolves in hydrochloric acid, ammonium chloride and ammonia water, it doesn't dissolve in alcohol or water. It can be slowly turned into copper oxide in wet weather, and it is very steady and poison in dry weather.

### Usage:

It's used as antipollution paint in the bottom of ship to kill lows forms of marine animal lives; it can be also used as germicide, colorant in ceramics and enamel, coloring kinds of nantokites, analytical reagent and rectifier electroplate of electric appliances industry.

Item	Index(%)	
	Excellent	First-class
Quality index rate of reduction (Cu <sub>2</sub> O)	≥98.0	≥97.0
Content of metal copper(Cu)	≤1.0	≤2.0
Content of cuprous oxide(Cu <sub>2</sub> O)	≥97.0	≥96.0
Content of copper(Cu)	≥87.0	≥86.0
Content of chloride(Cl)	≤0.5	≤0.5
Content of sulfate(SO <sub>4</sub> )	≤0.5	≤0.5
Content of water	≤0.5	≤0.5
Dissolved in acetone	≤0.5	
Reduction after steady test	≤2.0	≤2.0
Residue(45μm)	≤0.3	≤0.5
Riddling 75μm of nitric acid	≤0.1	
Content non metal copper	≤0.5	

#### Package:

Well packed by three layers of Kraft paper and one layer of aluminum foil paper, with the net weight 25kgs. Storage & Transportation: It should be stored in dry storehouse with well vent. Do not mix with oxidant. The container must be sealed up to prevent cuprous oxide meeting with air to turn into strong acid. Do not transport together with strong acid, alkali and foodstuff. When in fire, it can be rescued by water.

## Chlorinated Rubber Iron Red Thick Paste Antirust Paint

Catalogue Number: P 0007



#### Product Details

Place of Origin: Tianjin China

Main Raw Material: Chlorinated

Usage: Boat Paint

Application Method: different kinds of painting

State: Liquid Coating

Brand Name: WuHuan

Usage: Boat painting, steel painting

Character: Anticorrosion

#### Specifications

The paint is applied to the bottom of the ship, ship water line, offshore steel construction and other steel constructions.

Composition:

Chlorinated rubber, iron red antirust pigment, plasticizer, additive

Characteristic:

The permeability is low when the film meets steam and oxygen. The film is water resistant, anti corrosion and durable. It can be used in low temperature environment. It enjoys good adhesion when it is used on the steel.

Use:

The paint is applied to the bottom of the ship, ship water line, offshore steel construction and other steel constructions.

Projects standards:

projects standard

Thickness of the dry film 75µm

Thickness of the wet film 21.5µm

Theoretical dose

Flash point 31°C

## VIT Bituminous ship bottom paint

Catalogue Number: P 0008



### Product Details

Other Names: VIT Bituminous ship bottom paint

Usage: industrial paint

Brand Name: VIT

Packaging & Delivery

Packaging Detail: 5/22L

Delivery Detail: 7days

Specifications

Place of Origin: China

Application Method: brush, roll and spray

Model Number: WGM-9851

Main Raw Material: eco-friendly asphalt chlorin...

State: Liquid Coating

color: depend on your need

VIT Bituminous ship bottom anti-fouling paint

Effective protection of ship bottoms from being polluted by marine algae

<b>VIT Bituminous ship bottom anti-fouling paint</b>	
Model no.:WGM-9851	
Product features	Effective protection of ship bottoms from being polluted by marine algae and sessile organism
Application	Use as finish paint to protection of the ship bottom and some dock buildings Polluted.
Application method	Applicate by the special rubber scraping conductive.
Technical parameter	Ratio : one liter WGM-9851 paint should add 20% diluents ( 2071 series ) Surface dry ≥120 mins .
Packing details:	5/22kgL
Construction samples	High chlorinated polyethylene primer WGM9833 Coating weight 5-7 m <sup>2</sup> /kg Thickness dry film : 40μm Repaint one coat, repaint time > 2 hrs. Hard dry>24 hrs Sanding with 320# sanding paper Painting WGM-9851 paint Coating weight 5-7m <sup>2</sup> /kg Thickness dry film : 40μm Repaint 2 times ,repaint interval>2 hrs High chlorinated polyethylene primer WGM9833 Coating weight 5-7 m <sup>2</sup> /kg Thickness dry film : 40μm Repaint one coat, repaint time > 2 hrs . Hard dry>24 hrs Sanding with 320# sanding paper Painting WGM-9851 paint Coating weight 5-7m <sup>2</sup> /kg Thickness dry film : 40μm Repaint 2 times ,repaint interval>2 hrs

**Self life : Minimum 12 months at 77F (25°c)-- Unopened and store in dry and cool place above 0°c, and frost should be strictly avoided.**



## Solid Epoxy Resin for marine paint/RCH-20

Catalogue Number: P 0009



### Product Details

CAS No.: 25036-25-3

Other Names: epoxy resin

Place of Origin: China

Main Raw Material: Epoxy

Usage: Appliance Paint, Boat  
Paint, Building Co...

Application Method: Brush

State: Powder Coating

Brand Name: RUICHEM

Model Number: RCH-20

### Specifications

RCE-20 is used for application in Anti-corrosion coating, Anti-corrosion paint, Marine paint, etc.

### DESCRIPTION

RCE-20 is a low molecular weight solid Epoxy Resin derived from liquid resin and Bisphenol-A .  
RCE-20 is used for application in Anti-corrosion coating, Anti-corrosion paint, Marine paint, etc.

### KEY FEATURES

- High viscosity
- Excellent chemical resistance
- High purity
- Excellent Anti-corrosion resistance

### TYPICAL PROPERTIES

Epoxide Equivalent Weight (g/eq)	450-550
Color Gardner	0.7Max
Softening Point (°C)	60-75
Hydrolysable Chloride Content (%)	0.80Max
Specific Gravity(20°C)	1.15-1.20
Density @ 25°C (g/ml)	1.1-1.2
Volatile (%)	0.20Max
Shelf Life (Months)	24
Inorganic Chloride(eq/100g)	0.0005Max

## APPLICATIONS

Marine paint  
Container paint  
Anti-corrosion coating  
Surface-coating  
Top coating  
Heavy duty coating  
Laminating  
Filament winding  
Composite paints

## Marine antirust paint (primer paint)

Catalogue Number: P 0010



### Product Details

Place of Origin: Anhui China	Main Raw Material: Epoxy	Usage: Appliance Paint, Boat Paint, Building Co...
Application Method: spray or brush	State: Liquid Coating	Brand Name: LvHuan
Type: Epoxy phenolic resin	Paint film: semi-gloss	
Packaging Detail:	Package: 20L/drum	

### Specifications

A kind of high-performance, single component, quick-dry, transformative Sealing and room temperature curing anti-rust coating..

### Prime Features

#### Advantages:

Alcohol based, single component, low viscosity, quick-dry and phosphate coated at one time.

Can convert the rust on the surface, and even can convert the rust under 20µm into protection, which makes unnecessary primer coating and does not affect cutting and welding without noisome gases.

No special requirements on the painting environment and good combination with the primer and Intermediate coat.

Thin film thickness is required.

The coating will not crack or fall off by the climate.

Convenient application and good re-coating.

No crust, no precipitation, no retirement, low cost.

In the formulation there is free of the harmful heavy metal such as Pb, Cr , Cd, Hg etc. and noisome gases such as benzene.

#### Specification data

Paint film: semi-gloss

Thinner: edible alcohol or 99.9% alcohol

cleaner: TY-83 cleaner

Theoretical Solid content: 54%

Theoretical spreading rate: 20m<sup>2</sup> /L

Actually: it is related to the way of painting, conditions, and the surface treatment.

Suggested film thickness: dry film :30 µm/layer, wet film: 45µm/layer

Heat resistance: 150

Drying time: Under 25 and 85% relative humidity, surface drying time is 30min and hard dry time is 24 h.

It is related to ventilation, film thickness, humidity and other external factors.

Re-coating: After the hard dry of the first coating.

Shelf life: 3 years under the condition of 25 degrees storage temperature and sealing up completely.

Restrictions: no restriction on using separately or combining with other finish-coat paints.

#### Performance

Adhesion/grade: 1

Corrosion resistance: Excellent

Impact resistance: Excellent

Salty-water resistance: Excellent

Salty-mist resistance: Excellent

## Cuprous Thiocyanate-for antifouling marine paint

Catalogue Number: P 0011



### Product Details

Packing: 25kgs per bag

### Specifications

Cuprous Thiocyanate-for antifouling marine paint

1.CAS NO: 1111-67-7

2.Assay: 98.5% min

3.White or off white powder

Cuprous Thiocyanate-for antifouling marine paint

Cas no.: 1111-67-7

Properties: white or off white powder; relative density is 2.846, Melts at approx.1084;

Sparingly soluble in water, soluble in alkali thiocyanate solutions, Ammonia and Ether,

But not in Ethanol, dilute Hydrochloric acid and Acetone; this item is flammable at above 140;

When dry cuprous thiocyanate meets aqueous Ammonia under cold circumstances, it forms a deep blue copper-ammonia complex ( $\text{CuSCN}\cdot 5\text{NH}_3$ ) which discharges Ammonia while heating.

CAS NO: 1111-67-7

Application: protecting underwater surfaces of ships against vegetation as an effective antifouling agent in marine paint; Formulated with Sodium Pyrithione , Copper Pyrithione ,DDT, TBT,

It is a perfect antifouling agent inhibiting vegetation of algae's and biological activity of other marine organisms. Manufacturing industrial chemicals, pharmaceuticals and pesticides, And also used in freezing solutions, electroplating, steel picking, printing, and corrosion inhibitor against acid gases.

Product name	<b>Cuprous Thiocyanate</b>		
Cas no.:	1111-67-7		
Assay(Dry Basis)	Copper Assay	Moisture	Bulk Density
≥98.5%	≥51.21%	≤0.3%	0.8-1.2 g/cm <sup>3</sup>

## Marine paint

Catalogue Number: P 0012



### Product Details

Place of Origin: China

Application Method: Brush

Model Number: CR-223

Main Raw Material: Chlorinated

State: Liquid Coating

Color: as required

Usage: Boat Paint

Brand Name: Hi-Sea

### Specifications

Marine Paint

- 1.film fast-drying
- 2.best price
- 3.eco-friendly

Chlorinated Rubber hull Pain CR-223

Feature: film fast-drying, with favorable adhesive force and weather resistance, color retention feature and salt fog resistance

Application: use for ship waterline and hull, superstructure

## Marine paint marine epoxy paint

Catalogue Number: P 0013



### Product Details

Place of Origin: China

Main Raw Material: Epoxy

Usage: Boat Paint, Building Coating, Plastic Co...

Application Method: Brush condition: liquid state

State: Liquid Coating

Brand Name: haijian

Packaging Detail: Packing In barrels

### Specifications

Marine epoxy paint

It is in domestic leading level in respects of environment.

#### Marine Coating

Haijian brand series coatings of the company are widely used in military warships, civilian vessels, machinery, metallurgy, petrochemical, power, paper making.

It won users' good praise with its superior performance and good service.

It is in domestic leading level in respects of environmental protection, functional coatings.

Main features: The paint film has good adhesion and oil resistance, water impact, abrasion resistance, brush and other properties. For ships, ships of steel deck coating are the water parts of the decorative paint.

Marine, Commercial Marine, Navy, Shipyards, Shipbuilders Industrial Marine Protective Coating. Corrosion and Rust Inhibitor. Metal Corrosion Control. Anti-Corrosion /Anti Rust. Grit / Anti-slip &Smooth Coatings. High Impact Resistant. Non Hazardous Eco-Friendly, Water-Based, Rust Preventive Coating, Offshore Coating. Boat &Yacht Coatings Eco-friendly, Nontoxic, Nonflammable and Non-Corrosive coating. Water-based Liquid Polymer Marine Coating. It is a Non-hazardous, environmentally-safe product

Haijian can be used for merchant marine ship repair, oil tanker repair, bridge coatings, shipyard jobs, coating for bridges, marine coating product.

Marine Paint Substitute

Haijian is applied on Wood, Fiberglass, Metal, Steel surfaces for Ships, Yachts & Boats. Repairs fiberglass & metal surfaces

## Cuprous Thiocyanate-for antifouling marine paint

Catalogue Number: P 0014



### Product Details

CAS No.: 1111-67-7

Place of Origin: China

### Specifications

Cuprous Thiocyanate-for antifouling marine paint

Cuprous Thiocyanate-for antifouling marine paint

Molecular Formula:  $\text{CuSCN}$

Molecular Weight: 121.62

Properties: white or offwhite powder ;relative density is 2.846,Melts at approx.1084; sparingly soluble in water, soluble in alkali thiocyanate solutions ,Ammonia and Ether, but not in Ethanol , dilute Hydrochloric acid and Acetone; This item is flammable at above 140; When dry Cuprous thiocyanate meets aqueous Ammonia under cold circumstances,it forms a deep blue copper-ammonia complex ( $\text{CuSCN} \cdot 5\text{NH}_3$ ) which discharges Ammonia while heating.

CAS NO: 1111-67-7

Application: protecting underwater surfaces of ships against vegetation as an effective antifouling agent in marine paint; Formulated with Sodium Pyrithione ,Copper Pyrithione ,DDT, TBT, it is a perfect antifouling agent inhibiting vegetation of algae's and biological activity of other marine organisms. Manufacturing industrial chemicals, pharmaceuticals and pesticides, and also used in freezing solutions, electroplating, steel picking, printing, and corrosion inhibitor against acid gases.

*\*\* If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles if you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

# Propeller Shaft

Catalogue Number: PrSh 0001

Model Number: : AISI 630



## Product Details:

Propeller Shafts with Bright Surface, Suitable for Ships, AISI 630 Type

Model Number: AISI 630

Country of Origin: China

Brand Name: Yuanheng

## Key Specifications/Special Features:

- Material: stainless steel
- Finish: solution and age hardening heat treatment
- Heat treatment conditions: H900, H925, H1025, H1075, H1100 or H1150
- Grade: 17-4ph (type 630)
- Surface: bright
- Diameter:  $\varnothing 8$  to 400mm
- Diameter tolerance: h9, h11, h13,  $\pm 1$ mm
- Chemical composition:
  - o C:  $\leq 0.07\%$
  - o Si:  $\leq 1.0\%$
  - o Mn:  $\leq 1.0\%$
  - o P:  $\leq 0.04\%$
  - o S:  $\leq 0.03\%$
  - o Cr: 15.0 to 17.0%
  - o Ni: 3.0 to 5.0%
  - o Cu: 3.0 to 5.0%
  - o Nb: 0.15 to 0.45%
- Length: within 8m
- Applications: ship and shaft



**PROF' SHAFT, INTERMEDIATE SHAFT, BORING MACHINING**

Catalogue Number: PrSh 0002



**RUDDER STOCK**



**RUDDER PINTLE**



**PROPELLER SHAFT, INTERMEDIATE SHAFT**



**STEERING GEAR RAM**



**ROLL&SHAFT**

# Forged joint propeller shaft/Maine shaft for ship building

Catalogue Number: PrSh 0003

Model Number: JYLY(J15295)



## Product Details

Place of Origin: Jiangsu China

Application: heavy industry

Third-party inspection: B.V  
,GL,ABS,ETC....

protect: oil rust prevention

Brand Name: JYLY

Material: Steel

surface: maching and smooth

size: According to customer's  
request

Model Number: JYLY(J15295)

Dimensions: rough machined

Inspection: UT, magnetic  
powder inspection

## Specifications

1. Forged screw propeller shaft/marine shaft/joint shaft
- 2.N+T+Q (heat treatment)
- 3.ISO9000,GL,BV,ABS
- 4.15 years' experience

Commodity Name: forged screw propeller shaft/marine shaft/joint shaft

Description Features: Various sizes of heavy forging work pieces

Standards: ASTM, ASME, DIN, SIS, GB, EURONORM

Certification: ISO9001: 2000, GL

Materials: Carbon, stainless steel , alloy steel, etc

Delivery Status: N + T+Q (Normalizing +Tempering+Quenching)

# Shaft

Catalogue Number: PrSh 0004

Model Number: SS-07



## Product Details

Structure: Ship shaft

Material: Steel

Coatings: Nickel

Torque Capacity: Depends on model

Length: Depends on model

Model Number: SS-07

Place of Origin: China

Brand Name: B.M.

## Specifications

1. Certificate: CCS ABS BV
2. Length: MAX14m
3. Weight: 40tons
4. Forging way: free forging
5. Good Quality & low price



## Ship Propeller Shaft Marine Shaft

### Specifications

1. Materials: Carbon steel Carbon manganese steel Alloy steel
2. Length: max 14m
3. Weight of single piece: 3 ton to 40 tons
8. Certifications: ISO9001 CCS ABS BV LR etc.
5. ISO9001: certified
6. 4000T advanced hydraulic pressure machine
7. Test: 100% Ultrasonic flaw detection test
8. Production capacity: 20,000 tons per year
9. Delivery time: according to the quantity and size, usually within 35 days.

10. Forging way: free forging
11. Flange diameter: max2.3m

### ***Processing equipment***

1. 4000T advanced hydraulic pressure machine
2. 2000T oil hydraulic press machine
3. Heat treatment furnace
4. Gas heating furnace
5. 4m vertical lathe
6. 5m vertical lathe
7. 35 tons Operation machine
8. Sawing machine
9. 50 tons travelling crane

## **Steel forged marine propeller shaft**

**Catalogue Number: PrSh 0005**



### **Product Details**

Place of Origin: Tianjin China

Brand Name: Giant

Application: marine parts

Material: Steel

shaft: propeller shaft

### **Specifications**

propeller shaft

1. Steel forging piece
  2. Carbon steel forgings
- shafting system

# Forged marine propeller shafts

Catalogue Number: PrSh 0006



## Product Details

Place of Origin: China

Brand Name: JYLY

Application: heavy industry

Material: Steel

Dimensions: rough machined

Inspection: UT, magnetic powder inspection

Third-party inspection: B.V ,GL, ABS, ETC.

surface: machining and smooth

size: According to customer's request

protection: with antirust oils

## Specifications

1. Forged steel roller shaft/ship shaft

2. N+T+Q (heat treatment)

3. ISO9000, GL, BV, ABS

Description Features: Various size of heavy forging work pieces

Standards: ASTM, ASME, DIN

Certification: ISO9001: 2000 ,GL,ABS,BV.

Materials: Carbon, stainless steel ,alloy steel,etc

Delivery Status: N + T+Q (Normalized + Tempered+Quenched)

# Marine propeller shaft

Catalogue Number: PrSh 0007



## Product Details

Place of Origin: Jiangsu China

Brand Name: JYLY

Model Number: JYLY(J1951)

Application: heavy industry

Third-party inspection: B.V  
,GL,ABS,ETC....

protect: oil rust prevention

Material: Steel

surface: machining and smooth

size: According to customer's  
request

Dimensions: rough machined

Inspection: UT, magnetic  
powder inspection

### **Specifications**

1. Marine propeller shaft
- 2.N+T+Q (heat treatment)
- 3.ISO9000,GL,BV,ABS
- 4.15 years' experience

Commodity Name: marine propeller shaft

Description Features: Various sizes of heavy forging work pieces

Standards: ASTM, ASME, DIN, SIS, GB, EURONORM

Certification: ISO9001: 2000, GL

Materials: Carbon, stainless steel , alloy steel, etc

Delivery Status: N + T+Q (Normalizing +Tempering+Quenching)

\*\* If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!

If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you

**Note:** Please specify the product details with Model number (if any) and Catalogue number.

## Steel Plate

Catalogue Number: MS 0001



### Product Description

Size:

1220X2440MMX3.0MM-1220X2440MMX50MM  
1500X6000MMX3.0MM-1500X6000MMX50MM  
2000X6000MMX3.0MM-2000X6000MMX50MM  
2400X10000MMX7.0MM-2400MMX10000MMX50MM

Grade: Q235 Q345 S275 S355 SS400

## MS plate a36

Catalogue Number: MS 0002

Model Number: A36



### Product Details

Place of Origin: China, Grade: A36, Thickness: 8mm-120mm, Length: 3000-27000mm  
Width: 1500-4500mm, Technique: Hot Rolled, Special Use: High-strength Steel Plate

## Mild Steel Plate, MS Plate

Catalogue Number: MS 0003

Model Number: Q235B,Q345B



### Product Details

Standard: AISI, ASTM, GB

Grade: Q235B,Q345B

Thickness: 8-100mm

Place of Origin: China

Model Number: Q235B,Q345B

Type: Steel Plate

Technique: Hot Rolled

Surface Treatment: Coated

Application: Ship Plate

Special Use: High-strength Steel Plate

Width: 1800-2200

Length: 8000-12000

### Specifications

mild steel plate/ms plate/HRC

Mild Steel Plate, MS Plate

1. Material Grade: Q235, Q345; SS400, SPHC; S235JR, S275JR, S355JR, A36...

2. Thickness : 8mm-100mm

3. Width: 1800mm - 2200mm

4. Length: 8000mm -12000mm

5. Packing: international exporting package

## MS steel plate for shipbuilding

Catalogue Number: MS 0004





### Product Details

Standard: GB

Grade: Q235,Q345

Thickness: 8MM-180MM

Place of Origin: China

Type: Steel Plate

Technique: Hot Rolled

Application: Ship Plate

Special Use: High-strength Steel Plate

Width: 1500mm-4000mm

Length: as the customer's requirement

### Specifications

Materials:Q235,Q345,45#,25#

Thickness:8mm-180mm

Width:1800mm-4000mm

### APPLICATION

(1).used for metallurgical, mechanical, electrical construction field

(2).used for ships, military (armored) Construction, boiler plate, container plate

(3).used for outside engineering, machine tool base, automobile rear of products

**Standard:** GB, ASTM, DIN, JIS, BS, AISI

**Thickness:** 8MM-140mm; Width: 1800mm-4000mm

**Material:** Q235, Q345, SS400, ASTM A36, Q235B

**Thickness:** 8mm-140mm; Width: 1800mm-4000mm

## Shipbuilding plate

Catalogue Number: MS 0005



### Product Details

Standard: AISI, ASTM, BS, DIN, GB, JIS

Grade: GLA, LR, DNV CCS NV

Thickness: 5-100mm

Place of Origin: China

Brand Name: shipbuilding ms plate

Model Number: GLA, LR, DNV CCSA

Type: Steel Plate

Technique: Hot Rolled

Surface Treatment: Coated

Application: Ship Plate

Width: 1500-2500mm

Length: L

Shipbuilding plate: steel plate

### Specifications

Steel grade: GLA, LR, DNV

Thickness:6mm-200mm

Width:1500-2500mm

All kind of grades of shipbuilding can be supplier such as

GL, NV, BV, LR , 32Kg 36Kg etc.

1.standard CCS LR GL BV ABS DNV GB -712

2. Grade: CCSA GL-A BV-A LR-A ABS-A ASTM A131 A

Steel plate for ship

## Stainless steel angle bar

Catalogue Number: MS 0006



This steel produces stainless steel hot rolled **angle bar**. Can be polish the bar to grit 400 & 600 & 800 according to customer's requirement with required tolerance.

Packing:

Wrapping with plastic cloth, wooden box or following client's requirement.

Grade: 200 series& 300 series& 400 series

Standard: ASTM A276, AISI, GB/T 1220, JIS G4303,

Size &Length: as customer's requirements

Surface: pickled & sand blasting & bright, we can polish the bar grit400&600&800 according to customer's requirement.

Tolerance: according to customer's requirement.

You're always welcome to contact us should you have any question.

Here is the common size, for other size, we can supply according to your demand and for the big size **angle bar**; we offer the welded angle bar with good finish process. Welcome to enquiry for detailed information.

Grade	Size	Finish 1	Finish 2
201	2.5mmx25mmx25mm- 12mmx120mmx120mm	Pickled	Sand blasting
202	2.5mmx25mm x25mm- 12mmx120mmx120mm	Pickled	Sand blasting
301	2.5mmx25mmx25mm- 12mmx120mmx120mm	Pickled	Sand blasting
302	2.5mmx25mmx25mm- 12mmx120mmx120mm	pickled	Sand blasting
303	2.5mmx25mmx25mm- 12mmx120mmx120mm	Pickled	Sand blasting
304	2.5mmx25mmx25mm-	Pickled	Sand

304L	12mmx120mmx120mm 2.5mmx25mmx25mm- 12mmx120mmx120mm	Pickled	blasting Sand blasting
316	2.5mmx25mmx25mm- 12mmx120mmx120mm	Pickled	Sand blasting
316L	2.5mmx25mmx25mm- 12mmx120mmx120mm	Pickled	Sand blasting
321	2.5mm x 25mm x25mm- 12mmx120mmx120mm	Pickled	Sand blasting
310S(2520)	2.5mmx25mmx25mm- 12mmx120mmx120mm	Pickled	Sand blasting
309	2.5mmx25mmx25mm- 12mmx120mmx120mm	Pickled	Sand blasting
410	2.5mmx25mmx25mm- 12mmx120mmx120mm	Pickled	Sand blasting
416	2.5mmx25mmx25mm- 12mmx120mmx120mm	Pickled	Sand blasting
420	2.5mmx25mmx25mm- 12mmx120mmx120mm	pickled	Sand blasting
430	2.5mmx25mmx25mm- 12mmx120mmx120mm	Pickled	Sand blasting

## HP bulb flat

Catalogue Number: MS 0007



### Product Details

Grade: A, B, AH32, AH36,D ,  
DH32,DH36

Width: 80-430mm

Application: For shipbuilding

bulb flat for Shipbuilding:

Shipbuilding bulb

### Specifications

Standard: ASTM, DIN, GB, JIS, EN  
,DNV-A

Length: 4-12m

Technique: Hot Rolled

Thickness: 5-12mm

Place of Origin: China  
flat: bulb flat

Hot rolled bulb flat steel

(1) Material: A, B, AH32, AH36, D, DH32, DH36;

(2) Size: 80\*5~430\*20

(3) length: 6m, 9m, 12m

Standard sectional dimensions of hot-rolled bulb flat steel and their sectional area, unit mass and sectional characteristics GB/T9945-2001

Model	Size					Theoretical Weight	Model	Size					Theoretical Weight
	b	t	h	r1	r	Kg/M		b	t	h	r1	r	Kg/M
HP80X5	80	5	19	4	≤1.5	4.25	HP200X9	200	9	37	8	≤2	18.57
HP80X6	80	6	20	4	≤2	4.88	HP200X10	200	10	38	8	≤3	20.14
HP100X7	100	7	22.5	4.5		6.86	HP200X11	200	11	39	8		21.71
HP100X8	100	8	23.5	4.5	7.65	HP200X12	200	12	40	8	23.28		
HP120X6	120	6	23	5	7.32	HP220X10	220	10	41	9	22.77		
HP120X7	120	7	24	5	8.26	HP220X12	220	12	43	9	26.22		
HP120X8	120	8	25	5	9.2	HP240X10	240	10	44	10	25.50		
HP140X7	140	7	26	5.5	9.75	HP240X11	240	11	45	10	27.39		
HP140X8	140	8	27	5.5	10.85	HP240X12	240	12	46	10	29.27		
HP140X10	140	10	29	5.5	≤3	13.05	HP260X10	260	10	47	11		28.35
HP160X7	160	7	29	6	≤2	11.46	HP260X11	260	11	48	11		30.39
HP160X8	160	8	30	6		12.27	HP260X12	260	12	49	11	32.43	
HP160X9	160	9	31	6	13.97	HP280X11	280	11	51	12	33.50		
HP160X11	160	11	33	6	≤3	16.49	HP280X12	280	12	52	12	35.7	
HP180X8	180	8	33	7	≤2	14.80	HP280X13	280	13	53	12	37.90	

## Bulb Flat

Catalogue Number: MS 0008



### Product Description

Specification: GB5#, GB6#, GB7#, GB8#, GB9#, GB10#, GB12, GB14A, GB14b, GB16A, GB16b, GB18A, GB18b, GB20A, GB20b, GB22A, GB22b, GB24A, GB24b, GB27A, GB27b, 80\*5, 80\*6, 80\*7, 100\*6, 100\*7, 100\*8, 120\*6, 120\*7, 120\*8, 120\*9, 120\*10, 140\*7, 140\*8, 140\*9, 140\*10, 160\*7, 160\*8, 160\*9, 160\*10, 160\*11, 180\*8, 180\*9, 180\*10, 180\*11, 180\*12, 200\*9, 200\*10, 200\*11, 200\*11.5, 200\*12, 220\*10, 220\*11, 220\*11.5, 220\*12, 240\*10, 240\*11, 240\*12, 260\*10, 260\*11, 260\*11.5, 260\*12, 260\*13, 280\*11, 280\*12, 280\*13, 280\*14, 300\*11, 300\*12, 300\*13, 300\*14, 320\*12, 320\*13, 320\*14, 340\*12, 340\*13, 340\*14, 340\*15, 370\*13, 370\*14, 370\*15, 400\*13, 400\*14, 400\*15, 400\*16, 430\*14,

430 \* 15, 430 \* 17, 430 \* 19, 430 \* 20

Common length: 6 to 12m

Maximum length: 17m

Grade: A, B, D, A32, A36, SS400, SS540, S235JR, S235JO, S235J2, S275JO, S275J2, S355JR, S355JO, S355J2

Classification society approval: CCS (China), GL (Germany), DNV (Norway), LR (Britain), ABS (America), BV (France), NK(Japan), KR(Korea), RINA (Italy)

We have also passed the European EU CE certificate

## Steel bulb flat for shipbuilding

Catalogue Number: MS 0009



### Product Details

Standard: ASTM, BS, DIN, GB

Place of Origin: China

Type: Carbon Structural Steel

Technique: hot rolled

Grade: A, B, A32, A36, D, D32, D36

Brand Name: XINLONG

Application: the production of the hull, offshore

Dimensions: GB: 5#-27#\*6-15mm, HP: 8#-43#(6-18m...

Model Number: CCSA

Shape: Angle

### Specifications

steel bulb flat for shipbuilding

Size: GB: 5-27#\*6-15mm, HP: 8-43#(6-18mm)

Grade: A, B, A32, A36, D, D32, D36

Standard: GB/994

### Steel bulb flat for shipbuilding:

**1. SIZE:** GB: 5#-27#\*6-15mm, HP: 8#-43# (6-18mm)

**2. Grade:** A, B, A32, A36, D, D32, D36

**3. Standard:** GB/9945-2001, EN10067:1996 CCS, BV, DNV GL, LR, NK, KR, RINA, ABS

### 4. Application:

For the production of the hull, offshore oil platforms, platform management contacts, and other structural parts.

# Galvanized & HR Angles

Catalogue Number: MS 0010

Model Number:



## Product Description

Prime Newly Manufactured Hot Rolled Angles, Hot Rolled Galvanized Angles as per ASTM A36, SS400, Q235B, Q345, etc.

Equal or Unequal Angles.

Length: 5850, 6000mm or up to max 11900mm

Galvanizing coating available from 80g/m<sup>2</sup> to 200g/m<sup>2</sup>

# MS Angle

Catalogue Number: MS 0011

Model Number:



## Product Description

Size: 20X20MM-350X350MM

Grade: S275 S355 Q235 Q345

Packing: With bundles

**forming:** Hot-Rolled Steel, **Type:** Equal Angle Steel

\*\* If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!

If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you

Note: Please specify the product details with Model number (if any) and Catalogue number.

# Inclinometer: Pendulum & Digital

Catalogue Number: Nav 0001

Model Number: HBIN-01



## Product Description

Feature:

- 1 Large Liquid crystal display readout
- 2 Read at any position, data display turn automatically
- 3 Covers 360° (Displays 0° to 360° or 4X90°)
- 4 Measurements can be gravity or reference based
- 5 Stores an entire series of measurements
- 6 Stored data retrieved manually or sent to a computer with RS232 interface
- 7 Calibration anywhere, anything if want
- 8 Long term operation time
- 9 Battery power supply, easy change
- 10 MEMS & ASIC technology
- 11 High shock resistance 20000g for sensor
- 12 0.1° resolutions
- 13 -5 to 50°C operating temperature range.

Model NO.: HBIN-01

## Other products:

- IR Temperature Measuring Probe (HBIR-1816)
- Industry Infrared Temperature Measuring Probe (HBIR-5816)
- Portable Infrared Thermometer (HS-0818)



## Ship's Pendulum Clinometers (QB55-200)

### Product Description

HS Code: 90148000  
Model NO.: DDC  
Standard: GB3376-91  
Origin: China

Clinometers are required for positioning a vessel on a proper trim. It also indicates the correct heel angle and is helpful in determining the appropriate locations for cargo and equipment...

Balance Weight Model Clinometers is manufactured in accordance with GB3376-91 Marine Balance Weight Model Clinometers Technical Terms and is the indispensable instrument for the ships support. It has the advantages of high sensitivity and indication accuracy. It is in concordance with the requirement of environment temperature vibration warm hot and salt mist etc. Regulated by steel seagoing vessel standard.

## GPS Chart plotter

Catalogue Number: Nav 0002

Model Number: (KP-6288) 5.6" TFT LCD



### Product Description

ONWA®

5.6" TFT LCD GPS CHART PLOTTER

MODEL: KP-6288

#### FEATURE:

1. High resolution 5.6 inches day-view LCD display
2. Works with C-map Max NT Chart (SD) and Onwa K-Chart
3. Quick chart drawing speed
4. Proximity waypoint alarm
5. Versatile display modes including:
  - Course Plot - Nav Data
  - Steering Display - Highway
6. High performance GPS receiver
7. User SD card to save and transfer waypoint, track, route memory
8. Course plot in North-up, Course-up or Waypoint Up
9. Tide Table
10. "Goto Track" let you retrace your path in both directions



Ship GPS, GPS chart plotter, marine GPS plotter, marine navigation, navigation GPS navigator, Ship GPS navigator, GPS chart plotter, chart plotter, chart plotter, Boat Marine GPS navigator, Marine GPS, GPS plotter, marine GPS receiver, GPS receiver, Boat

## SPECIFICATIONS

### Plotter Characteristics

1. Display: 5.6-inches color TFT day-view LCD 320 × 240 pixels
2. Projection: Mercator projection
3. Map Scale: 0.06nm to 500nm
4. Plot Interval: 5s to 60h or 0.01nm to 10.0nm
5. Presentation Mode: North Up, Bow Up, Waypoint Up
6. Track Memory: 30, 000 point automatic track log: 15 saved track (up to 2, 000 track points each) let you retrace your path in both directions
7. Waypoint Memory: 15, 000 waypoints with name
8. Route Memory: 30 reversible routes with up to 200 points each, plus MOB and Track Navigation or Goto Track modes
9. Alarm: XTE, Anchor Drag, Arrival, Speed, Voltage, Proximity, Waypoint and Time
10. Nav Data Input/Output:
  - 1) Input:  
\$--DBT, \$--DPT, \$--GGA, \$--GLL, \$--MTW, \$--RMA, \$--RMB, \$--RMC, \$--VHW, \$--VTG, \$--ZDA
  - 2) Output:  
\$--AAM, \$--APB, \$--BOD, \$--BWC, \$--GGA, \$--GLL, \$--RMB, \$--RMC, \$--VTG, \$--XTE, \$--ZDA, \$--WPL, \$--HDG
  - 3) Output for autopilot:  
\$--AAM, \$--APB, \$--BOD, \$--VTG
11. Proximity Waypoint 10 proximity waypoint

### PALLETE

Daylight: Exposed to sunlight  
Night: In dark environment  
NOAA: Paper chart color

### Memory

1. External SD Cards Two SD Cards slot for C-map MAX and User SD memory card
2. Internal Memory Built-in Onwa K-Chart

### GPS Receiver Characteristics

1. Accuracy: Position: <15 meters (95%) without S/A  
Velocity: 0.1 meter/sec without S/A  
Time: ± 100ns synchronized to GPS time
2. Acquisition: Cold start: 60 seconds average  
Warm start: 45 seconds average  
Hot start: 15 seconds average
3. Dynamics: Altitude: 18, 000m Max  
Velocity: 500 m/s  
Acceleration: 4g Max
4. Datum: WGS 84

### Physical

1. Size: 228mm (H) × 138mm (W) × 79mm(D)
2. Weight: 0.9kg

#### Environment

1. Temperature: -15 to + 55 Temp. (Display unit)  
-25 to + 70 Temp. (GPS antenna)
2. Water proofing: Display unit: IPX5  
Antenna unit: IPX6

#### Power Supply

1. Power supply: 10.5 to 35 VDC
2. Current drain: 0.3A at 12V; 0.16A at 24V

#### Equipment List (Standard)

- Display unit
- Antenna unit with 10m cable
- Operator manual
- Installation materials
- Standard spare parts

#### More Product Features

Trademark: ONWA  
Model NO.: KP-6288  
Standard: CE  
Productivity: 500 Sets /Month  
Origin: China  
Use: GPS Plotter  
Screen Size: 6 Inch  
Type: GPS Navigator

#### Other products:

- 4.5" LCD Display Marine GPS Navigator (KP-32)
- High Resolution Day-View LCD Chart Plotter (KP-622/623/823)
- 5.6-Inch Color Display Fish Finder (KF-667)
- 10.4" TFT Color LCD Display Echo Sounder (KF-1067)

## Anemometer

Catalogue Number: Nav 0003

Model Number: GM816



## Product Description

Model NO.: GM816  
Standard: CE  
HS Code: 9015800090  
Origin: China

Anemometer GM816

- \*Measurement items: Air velocity, Air temperature
- \*Measurement range:
  - Air velocity: 0~30m/s, 0~90km/h, 0~5860ft/min, 0~55knots, 0.87~65mph ( $\pm 5\%$ )
  - Air temperature: -10~45° C, 14~113° F ( $\pm 2^\circ$  C)
- \*Resolution: 0.2° C, 0.2m/s
- \*Display: LCD
- \*Sensor:
  - Air velocity sensor: Plastic impeller, magnetic induction
  - Temperature sensor: NTC thermometer
- \*Low battery indication: Yes
- \*Auto power shut off: 14 minutes without any operation
- \*Backlight: 12 seconds active by press any key
- \*MAX/MIN/AVG reading
- \*Power: CR2032 3.0V
- \*Dimension: 104.3x57.8x19.9mm
- \*Net weight: 52g (including battery)

## 10.4" TFT Color LCD Radar

Catalogue Number: Nav 0004

Model Number: KR-1668



## Product Description

MODEL: KR-1668

### FEATURE:

1. Multi Background Color available
2. Echo can be yellow, green or multi-color selectable
3. 4KW output, 64nm range
4. Rugged die-cast, waterproof housing
5. 3 NEMA 0183 ports
6. User-programmable function keys
7. Automatic optimization of radar picture
8. Newly enhanced short range performance

9. Cursor position and radar system data output
10. Head-up, Course-up, North-up and True Motion
11. Economy Mode, Guard Zone Alarm and Watch Mode
12. Mini ARPA function

## SPECIFICATIONS

### Antenna Radiator

1. Type: 120cm open array
2. Rotation speed: 24 rpm typical
3. Wind load: Relative wind 100 knots(51.5m/s)
4. Beam width: Hor: 1.9° Vert: 22° Typical

### RF Transceiver

1. Frequency: 9410± 30 MHz (X-band)
2. Pulse length PRR:  
0.08μ S/2100 Hz (0.125, 0.25, 0.5, 0.75, 1, 1.5\*nm);  
0.3μ S/1200 Hz (1.5\*, 2, 3 nm);  
0.8μ S/ 600 Hz (3\*, 4, 6, 8, 12, 16, 24, 36, 48, 64 nm);  
Pulse length & PRR for 1nm ranges can be select in menu.
3. Peak Output Power: 4KW nominal
4. Mixer and local Oscillator: Microwave Integrated Circuit 60 MHz
5. IF: 60 MHz; Bandwidth: 25 MHz (0.08/0.3μ S), 3 MHz (0.8μ S)
6. Noise Figure: 10 dB nominal

### Display Unit

1. Type: 10.4" LED backlight, 32 bit TFT Color LCD Display  
640(W) × 480(H) dots
2. Display Modes: Head-up, Course-up\*, True motion\*\*  
\*Heading input required \*Heading and speed inputs required
3. Range Scales (nm): Range: 0.125, 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 6, 8, 12, 16, 24, 38, 48, 64  
Ring: 0.0625, 0.125, 0.125, 0.25, 0.5, 0.5, 1, 1, 2, 2, 3, 4, 6, 12
4. Echo Trail Interval: 15s, 30s, 1min, 3min, 6min, 15min, 30min, or Continuous
5. Interface (NEMA 0183 format) --: Any talker (menu selection):

### Input

\$--APB, \$--BWC, \$--BWR, \$--DBK, \$--DBS, \$--DBT, \$--DPT, \$--GGA, \$--GLC, \$--GLL, \$--HDG, \$--HDM, \$--HDT, \$--MDA, \$--MTW, \$--RMA, \$--RMB, \$--RMC, \$--VTG, \$--VHW, \$--XTE

6. Auto plotter ARP-10 (Built-in option): Acquisition: 5 autos + 5 Manual or 10 manual

Tracking: Auto

Display: Speed, Course, Range/bearing and CPA/TCPA  
(Heading data and speed data input required)

### Environment

Temperature: -15 to + 55 degrees Celsius (Display unit)  
- 25 to + 70 degrees Celsius (Antenna unit)

### Power Supply

Power supply: 10.2 to 40.0 VDC, 52W (28W in economy mode)

### Equipment List

1. Display Unit
2. Open Array Antenna Unit

3. Antenna Cable, 10/15/20/30 m (Specify when ordering)
4. Power Cable, 3m
5. Standard Spare Parts and Installation Materials

## Dual Band Mobile Radio

**Catalogue Number: Nav 0005**

**Model Number: TC-VU55**



### Product Description

Model NO.: TC-VU55  
 Origin: China  
 Usage: Commercial  
 Talk Range: 15-20km  
 Type: Vehicle Mounted  
 Net Weight: 1200g  
 RF Output Power: VHF 45W/UHF 35W  
 Frequency: 136-174MHz & 400-470MHz  
 Band Width: Wide: 25kHz, Narrow: 12.5kHz

### Features:

1. Frequency range: 136-174/400-470MHz
2. High power output VHF 45W/UHF 35W
3. 128 memory channels
4. Multiple scan functions
5. CTCSS & DCS encoder/decoder
6. Dual frequency display
7. Dual frequency standby

Compatible With American Military Standard(MIL-STD-810C/D/E)

General Specification Compatible With American Military Standard(MIL-STD-810C/D/E)

Frequency range 136-174MHZ, 400-470MHZ PLL channel step 5, 6.25kHz

Memory channels 128 Operating voltage 13.8VDC± 15%

Band width Wide: 25kHz, Narrow: 12.5kHz Operate temperature - 30° C-+60° C

Net Weight 1200g Dimensions 160\*43\*137mm

Current drain: Standby ≤ 0.4A, Receive ≤ 1.0A, Transmit ≤ 0.8A

Transmitter (Measurements made per TIA/EIA-603)

RF output power VHF 45W/UHF 35W FM Modulation Noise Wide: 45dB Narrow: 40dB

Spurious and harmonics 70dB Audio distortion ≤ 3%

Modulation Wide: 16K0F3E Narrow: 11K0F3E Frequency Stability ± 2.5ppm

Receiver (Measurements made per TIA/EIA-603)

Sensitivity(12dB SINAD) Wide: 0.18uV Narrow: 0.22 uV Spurious response 75dB

Selectivity Wide: 70 dB Narrow: 60dB Audio power output 4.0W/8Ω

Inter modulation Wide: 70 dB Narrow: 60dB Frequency Stability ± 2.5ppm

## 10.4" TFT Color LCD Display Echo Sounder

Catalogue Number: Nav 0006

Model Number: KF-1067



### Product Description

ONWA 10.4" TFT COLOR LCD DISPLAY ECHO SOUNDER

MODEL: KF-1067

#### FEATURE:

- 1) Choice of Frequency: 50 KHz, 200 KHz or 50 & 200 KHz (Dual Frequency), specify when ordering
- 2) Choice of Output Power: 1 KW or 2 KW, specify when ordering
- 3) 10.4" TFT LCD display with 8-color or multi-level amber presentation
- 4) Auto mode for hands-off operation
- 5) Variety of display modes: A-scope, bottom-lock expansion, marker zoom and unique bottom zoom display
- 6) Compound temperature sensor option

#### SPECIFICATIONS

##### 1. General

(1) Display: 10.4 inch TFT LCD

(2) Echo Color: 8 colors(including background color)according to echo strength. Monochrome display is also available. The background color is selectable from blue, light blue, white and black.

(3) Basic Range: Meters: 5/10/20/40/80/150/200/300

Feet: 15/30/60/120/200/400/600/1000

Fathoms: 3/5/10/20/40/80/100/150

Passi/Braza: 3/5/10/30/50/100/150/200

The basic ranges can be changed on the system menu.

(4) Range Shift: Up to 300 meters (1000 feet, 150fathoms, 200 passi/braza)

(5) Zoom Range: Times 2, 3, 4 and 5 ranges

(6) Bottom Lock Expansion Range: 5/10meters, 10/20feet, 2/5fathoms, 2/5passi/braza

(7) Auto Mode: Automatic adjustment of range and gain

(8) Display Mode: 50 KHz or 200 KHz version: Normal, Zoom and A-scope

50 KHz & 200 KHz (Dual Freq) version: High Frequency (200KHz), Low

Frequency (50KHz), Dual (200KHz and 50KHz 1/2 display on each), Zoom (200KHz and 50KHz zoom) and A-scope.

(9) Zoom Display: Marker Zoom, Bottom Zoom and Bottom-lock Expansion

(10) Display Advance Speed: Lines/TX: Freeze, 1/8, 1/4, 1/2, 1/1, 2/1

(11) TX Frequency Output Power: 50 KHz, 200 KHz or 50 & 200 KHz (Dual Frequency), specify when ordering

(12) Output Power: 1 KW or 2 KW RMS, specify when ordering

(13) Display End Depth (meters): Display End Depth(m) 5, 10, 20, 40, 80, 150, 300, 600

Pulse-Length(ms) 0.1, 0.1, 0.1, 0.2, 0.4, 0.7, 1.5, 2.5

TX Rate(pulse/min) 80, 80, 80, 160, 320, 560, 1.2s, 2.0s

(14) Interference Rejecter: Rejects unwanted signals by comparing last and present echoes in strength.

(15) Alarm: Fish and Bottom alarms, Temperature alarm (sensor required)

(16) Input/output data: NMEA0183

Input: RMC, VTG

Output: SDDBT, SDDPT

(17) Transducer: 1KW: TGM60-50B-12L (50 KHz, with 12 meters cable)

TGM50-200B-12L (200 KHz, with 12 meters cable)

2KW: TGM60-50A-15L (50 KHz, with 15 meters cable)

TGM50-200A-12L (200 KHz, with 12 meters cable)

2. Power Supply

(1) Display Unit: 12-24 VDC (-10%, +30%): 1.5 ~ 3.0 A

3. Environmental Condition

(1) Ambient Temperature: 0 to + 50 Temp.

(2) Relative Humidity: 85% at 40 Temp.

(3) Water proofing: Display Unit: IPX4

(4) Vibration:  $\pm 1\text{mm} \pm 10\%$ , 2(5) to 13.2Hz, Maximum acceleration 7 m/s, 13.2 to 100Hz

4. Coating Color

(1) Display Unit Chassis: 2.5GY5/1.5

Panel: N3.0 New tone No. 5

5. In The Box

(1) 10.4 Inch Display Unit

(2) Transducer Unit

(3) Installation Material and Spare Parts

(4) Operator Manual

## Marine binoculars with built in compass

Catalogue Number: Nav 0007

Model Number: 8X32



### Product Details

Place of Origin: China

Brand Name: BINGER

Model Number: 8X32

### Specifications

100% waterproof, nitrogen filled

Bak 4 prism

Fully multi coated optics

Intereral focus

Twist-up eyepiece

Item No.	IF832	IF832C	IF842	IF10X42	IF10X42C
Model	8x32	8x32	8x42	10x42	10x42
Magnificaion	8x	8x	8x	10x	10x
Objective diameter	32mm	32mm	42mm	42mm	42mm
Exit pupil	4mm	4mm	5.25mm	4.2mm	4.2mm
Eye relief	17.5mm	17.5mm	19mm	17.5mm	17.5mm
Near focus	2m	2m	2m	2m	2m
Field of view	123M AT 1000M 369 M AT 1000M	123M AT 1000M 369 M AT 1000M	105M AT 1000M 315 M AT 1000M	105M AT 1000M 315 M AT 1000M	105M AT 1000M 315 M AT 1000M
Prism system	porro prism	porro prism	porro prism	porro prism	porro prism
Relative brightness	16	16	27.6	17.6	17.6
Twilight index	16	16	18.3	20.5	20.5
Built-in compass	No	Yes	No	No	Yes
Waterproof	Yes	Yes	Yes	Yes	Yes



## Waterproof Binoculars, W11-1650 2.7Degree Fov Binocular

Catalogue Number: Nav 0008

Model Number: W11-1650



### Product Description:

Model NO.: W11-1650  
HS Code: 9005100000  
Origin: China  
Aperture: 50-100mm  
Lens: Glass  
Structure: Refractor Telescope  
Function: Waterproof  
Usage: Astronomical  
Magnification: 16x  
Type: Binocular  
16\*50 waterproof binoculars  
50mm aperture lens

Main specification for W11-1650 waterproof binoculars

Model: W11-1650  
Magnification: 16X  
Aperture: 50mm  
Field of angle: 2.7°  
Field of view: 47m@1000m (141ft@1000yds)  
Exit pupil: 3.1mm  
Eye relief: 20mm  
Resolution: 8.4"  
Coating: FMC-Green  
Prism glass: BaK4

## Barometer Weather Station

Catalogue Number: Nav 0009

Model Number: SL-53008P



### Product Description

Model NO.: SL-53008P  
Standard: 13\*13\*2.2CM  
Origin: China  
Usage: Daily Use  
Waterproof: Yes  
Type: Digital  
\*Time date week display  
\*Temperature trend  
\*Weather station  
\*Humidity  
Product size:13\*13\*2.2CM



Outdoor 3 in 1 Weather Station (THB9187)

### **Product Description**

**Model: THB9187**

Product Name: Outdoor 3in1 weather station

Product function: The device is used to measuring temperature, humidity and indicated changes in atmospheric pressure surround you, it is one of the most important instruments in weather forecasting.

Product feature: Larger stainless steel panel with 4 holes for wall mounting, and stainless steel rain-baffle. Separate unite of barometer thermometer and hygrometer be fixed into panel, the separate unit has aluminum case and PMMA lens, the barometer has barometric symbol on dial. Large number to be easy reading.

Measuring Rang: -20~50C, 0~100%RH, 950~1070hRa

Resolution: 1C, 1%RH, 1hPa

Unit Size: 250\*168\*66mm

Weight: Appx500g

# SEXTANT

Catalogue Number: Nav 0010



## Product Details

Place of Origin: China

Brand Name: csic

Place of Origin: China

Accuracy: 20".40"

Battery: 2.\*1.5V

## Specifications

1. Measuring altitude of celestial bodies
2. Measuring angles convenient
3. Measuring the distance

TYPE	CLH130-20	CLH130-40
MEASURING RANGE	-5°~+130°	-5°~+130°
ACCURACY(PEAK-TO-PEAK VALUE)	20"	20"
THE FILTERS OF HORIZON GLASS	3	3
THE FILTERS OF INDEX MIRROR	4	4
BATTERY	2.*1.5v	2.*1.5v
NET WEIGHT	1.8kg	1.2kg

## Gyro Compass (110V)

Catalogue Number: Nav 0011

Model Number: HLD005E-0217



110V Gyro Compass, Marine Navigation Equipment with Low Temperature Rising and High Reliability

Model Number: HLD005E-0217

Country of Origin: China

Brand Name: JSIC

Key Specifications/Special Features:

- Short settling time: 30 minutes
- Automatically operates after being settled
- With RS-422A interface to automatically correct the speed and latitude error
- Automatic temperature error correction
- Permission to manual settings of the starting course, speed and latitude
- Automatic redundant error correction
- Micro-computer control
- System works normally under big lean angle
- Power applies:

Ship power: 24,  $\pm 12$ V DC, 220V AC,  $\pm 30\%$ , 50Hz

# Marine Navigation Signal Light

Catalogue Number: NL 0001

Model number: CXH-11P



## Product Details

Place of Origin: China (Mainland) Model Number: CXH-11P

Application: 50M or above

Lamp holder: P28S

Visibility: 3n.m/6n.m

Protection: IP56

Power: 24V60W 110V60W  
220V60W

Material: Engineering plastic

## Specifications

Type: CXH-11P

Protection class: IP56

Color: Red, White, Green, Yellow

Lamp holder: P28S

Voltage: 24V/2\*60W 110V/2\*60W 220V/2\*60W

Single-Deck Navigation Signal Light

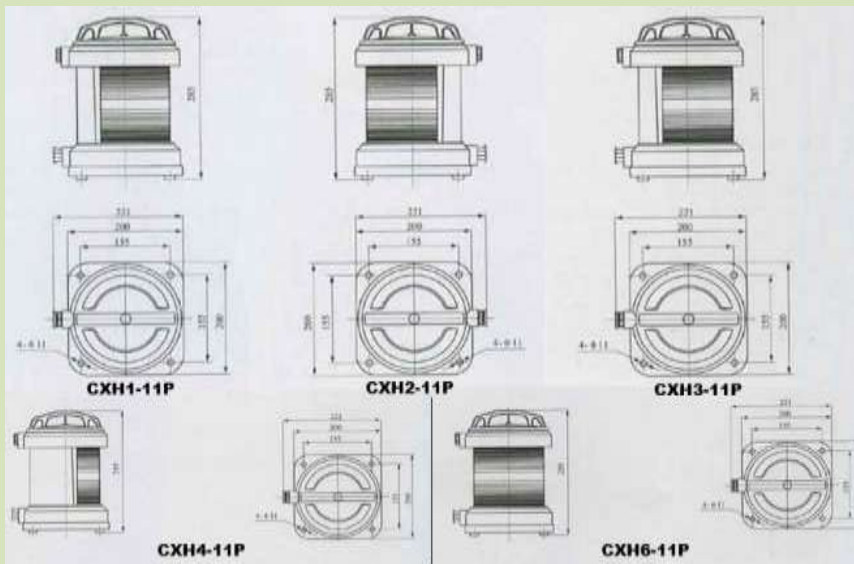
## Application

Applied to the ships with the length 50m or above 50m as lamp signal liaison when night navigation.

## Characteristic

1. The shell is made of high-strength engineering plastic PA+GF, the lampshade adopts injection of PC, and lens hood adopts good quality stainless steel.
2. The signal lights have the whole seal structure; it is waterproof under the bad environment.
3. The connection of the signal light's lamp holder and base adopt plug-in type, can replace the up and down bulb as open the cover.
4. The signal lights adopt the signal light's bulb which conform to the ship norm, and the average life is not lower than 700h.
5. The signal lights can work normally under the temperature -30°C~ 55°C.

Name	Type	Visibility	Level	Lamp	Bulb	Protection class	Cable outside diameter	Color
starboard light	CXH1-11P	3n.m	112.5°	arc holder				Green
port light	CXH2-11P	3n.m	112.5°					Red
masthead light	CXH3-11P	6n.m	225°					White
stern light	CXH4-11P	3n.m	135°	P28S	24V/2X60W60cd	IP56	Φ12-Φ13	White
					110V/2X60W60cd			Yellow
all-round light	CXH6-11P	3n.m	360°		220W/2x65w60cd			Red
								Green
								White



# Marine Search Light

Catalogue Number: NL 0002

Model number: TZ/TG



Model NO.: TZ/TG

Origin: China

We can provide all kinds of the marine lights and related equipments, approved by Classification Society.

1.This series of searchlights are spherical mercury-xenon light source luminaries, equipped with special ballast and trigger, and In the searchlight there are spherical toughened glass reflector and focal distance adjustment device which can adjust the focal distance flexibly up and down or front and back. These lights possess such features as high luminous strength and far illumination distance, which are especially suitable in remote illumination and target search for night navigation of ship, life

Safeguard and alarm etc.1Z1 has cast aluminum and steel shell, ball plate mounted on base, also equipped with lifting gear which can control the light body by hand to rotate for 180 degrees horizontally, and bend for 30 degrees vertically.

2.1Z1-A has stainless steel shell, a micro motor is mounted in base for controlling up and down or front and back. And 1Z1-A is equipped with a special control box which can be used on control table to operate the light body to rotate for 180 degrees horizontally and bend for 30 degrees vertically.

## *Other products »*

Marine Candescent Explosion-Proof Light

Marine Candescent Explosion-Proof Light

China Solar Navigation Light

Solar Navigation Light

Solar LED Navigation Light

Solar LED Navigation Light

# Marine Search Light

Catalogue Number: NL 0003

Model number: TZ1



## Product Details

Place of Origin: China

Model Number: TZ1

## Specifications

Marine light/Searching light IP44

Type: TZ1

Voltage: DC110V AC220V

Power: 1000W

Illuminant: Sphericity mercury xenon light

Characteristic:

- Equipped the sphere toughened glass reflector and the device of focus adjustment which can adjust the focus up and down, front and back neatly. And has the functions such as high luminous intensity, far illumination distance.
- TZ1 has steel shell, ball plate mounted on base, also equipped with lifting gear which can control the light body by hand to rotate for 180° horizontally and pitching 30°. Equipped the resistance box when supply DC110V.
- TZ1-A has stainless steel shell, a micro is mounted on base, and can operate the light body to rotator for 180° horizontally and pitching 30° by controller

Model	Voltage	Power	Illuminate	Luminous flux LM	Protection class	Weight	Remark
TZ1	DC110V	1000W	Sphericity mercury xenon light	60000	IP44	68kg	Lifter Ballast
TZ1-A	AC220V					89kg	Controller Ballast



# Solar LED Navigation Light

Catalogue Number: NL 0004

Model number:



## Product Description

Mode of Operation: Non-maintained

Material: Thermoplastic

Installation Mode: Stand

Certification: CE

Bulb Type: Solar

Battery Type: Ni-Cd

This lantern is composed of solar battery, maintenance-free storage battery, Fresnel lens, base, microcomputer integrated flasher, and daylight switch with LED light source in it. The 11 solar batteries are embedded into the base forming a cone. The Fresnel lens and the cover are welded by ultrasonic. The cover and the base are hinge jointed by stainless steel bolt. The maintenance-free battery is in the base. The inner core consists of microcomputer integrated flasher and daylight switch with LED light source in the top of it. Through coding, this lantern can produce 256 light characters (up to IALA or national GB4696-84 standard), and through RS232 or 485 interfaces, it can realize remote control. It is widely used as little buoy light, bank light in inland rivers and obstruction light of roads.

## Specifications

Lens: 90mm acrylic plastic

Base: Engineering plastic injected

Light source: Consist of 10 LED

Operating Voltage: DC: 3V- 4.35V

Operating Current: 100mA ~ 300mA adjustable;

Colors: Red, green, yellow, white,

Quiescent Current: <5mA

Daylight Sensitivity: 300Lx  $\pm$  60Lx

Light character settings: 8 code switch adjustable or through RS 232 or through RS485 interface to change light characters or other parameters.

Serial communication interface: RS232 or RS485

Focal plane height: 226mm

Operating temperature: -20° C ~ +55° C

Dimension: ø 280× 315mm

Installation: 4-M6/Ø90mm

Solar battery Maintenance-free battery

Type Mòn crystalline silicon type Lithium-ion battery; nickel-hydrogen battery

Each capacity 11— 6V/0.45W Nominal voltage 3.2V; 3.6V; 3.6V;

Efficiency 16% Operating voltage 3.0V~3.65V; 3.6V~4.2V; 3V~4.35V;

Maximum power 6V/4.95W capacity 3.2V/; 3.6V/40AH; 3.6V/26AH;

Intensity, range and divergence:

Color power (W) Vertical divergence

(2θ) Fixed intensity (cd) Range of fixed intensity (nm) 0.5sFL (cd) Range of 0.5sFL intensity (nm)

Red 0.8 11° 20 3.1 14.40 2.8

Green 0.8 11° 28 3.5 18.90 3.1

Yellow 0.8 11° 19 3.0 12.36 2.8

White 0.8 11° 22 3.3 15.52 2.9

## Marine search light

**Catalogue Number: NL 0005**

**Model number: : EF31/51/101/201-A**



### Product Details

Place of Origin: China, Model Number: EF31/51/101/201-A, Body Material: Steel plate or stainless steel, Application: marine, Operating Voltage: 220-240v, Lighting Bulbs & Tube: Tungsten halogen lamp.

### Specifications

Marine search light EF31/51/101/201-A

the lamps are suitable for

long distance lighting navigation

IP56

#### Application

The lamps are suitable for long distance lighting navigation

#### Characteristic

- 1) The lamp body is made of steel plate or stainless steel. With equipment
- 2) The lamp source is tungsten halogen lamp; the reflector is made of mirror glass
- 3) Level revolving 350°, adjust up 20°, down 40°.
- 4) The protection class is IP56

Model	Voltage	Power	Lamp holder	Lamp source
EF31-A		300W	GY9.5	
EF51-A	220V	500W		Tungsten halogen lamp
EF101-A		1000W	GX9.5	
EF201-A		2000W	GY16	

## Marine search lighting

Catalogue Number: NL 0006



#### Product Details

Place of Origin: Chongqing China. Brand Name: Hi-sea, Model Number: All kinds of search lights,

Protection class: IP55

#### Specifications

Marine search lighting;

1. ship night navigation;
2. aim searching;
3. IP55.

#### Application

Applied to remote illumination of ship night navigation, lifesaving, warning etc. and aim searching.

#### Characteristic

Equipped the sphere toughened glass reflector and the device of focus adjustment which can adjust the focus up and down, front and back neatly, and has the functions such as high luminous intensity, far illumination distance, and long working time etc.

Stainless steel shell, ball plate mounted on base, and can control the light body by hand to rotate for 180° horizontally and pitching 30°.

Stainless steel shell, a micro motor is mounted on base, and can operate the light body to

rotate for 180° horizontally and pitching 30° by controller.

**Parameter**

Voltage DC110V/AC220V

Power 3000w

Lamp holder G19

Illuminant incandescent focus light SSB220-3KW

Luminous flux 52800

Protection class IP55

Annex can match an controller

Weight 155kg/227kg

## Marine search light Remote control search light

Catalogue Number: NL 0007

Model number: YZ2



**Product Details**

Place of Origin: Zhejiang China, Brand Name: Fucheng, Model Number: YZ2

**Specifications**

YZ system is consisted of searchlight remote rotating unit and control panel.

IP Class: IP56

Shell material: stainless steel

## GENERAL

YZ system is consisted of searchlight remote rotating unit and control panel. YZ2 is large type. It can be connected mercury lamp, incandescent lamp with high power. YZ3 is small type. It can be connected halogen lamp, incandescent lamp with low power. Temperature control heater is optional. Searchlight remote rotating unit powered from 24VDC is optional.

### TECHNICAL DATA

Power supply: 220VAC/50Hz single-phase

Rotating range: Up: 15°

Down: 35°

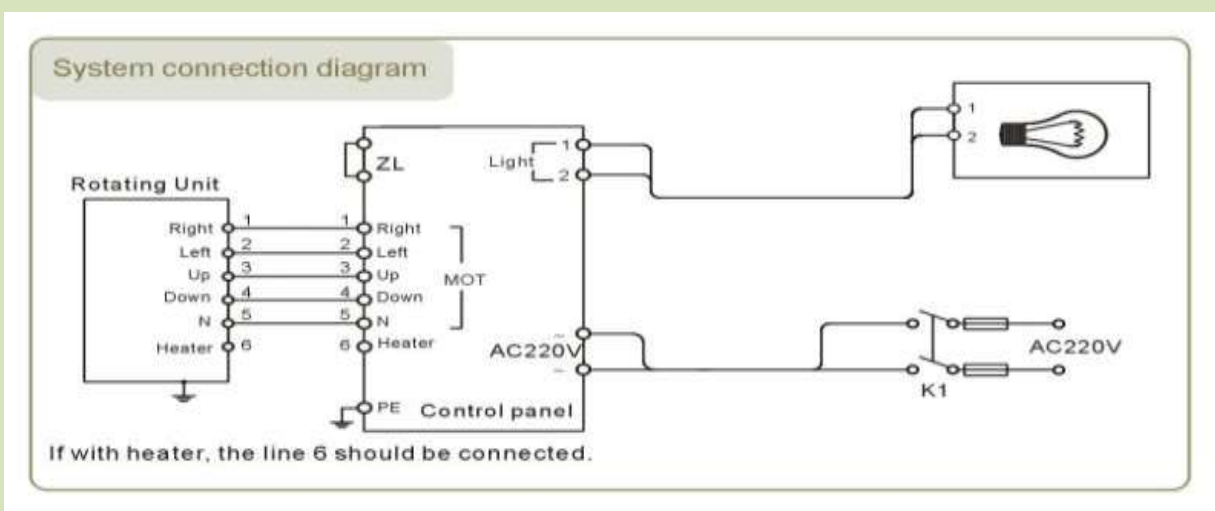
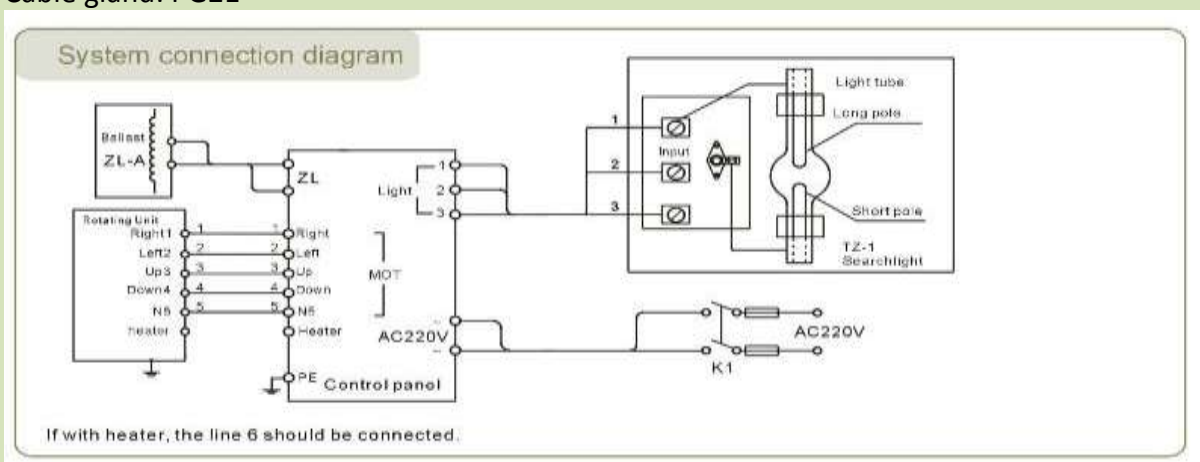
Left: 180°

Right: 180°

IP Class: IP56

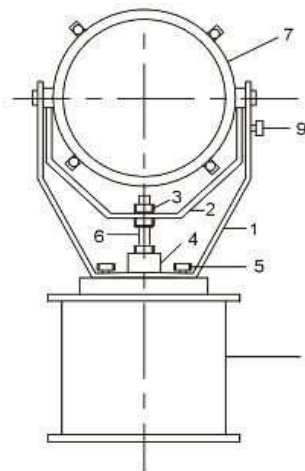
Sheel material: stainless steel

Cable gland: PG21

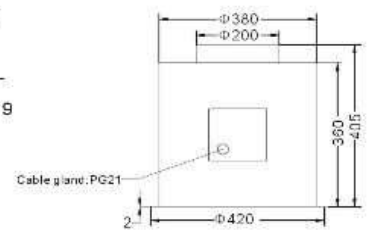


### YZ2Remote rotating unit

1. Light shelf
2. Pole
3. M12 Nut
4.  $\Phi 12$  Cable gland
5. M10 Bolt
6. Rise and fall axis
7. Light body
8. Console
9. Handle



### YZ2 mounting dimension



## Marine search light

Catalogue Number: NL 0008

Model number: ER



### Product Details

Place of Origin: China, Brand Name: speedhorse, Model Number: ER, IMPA: 79

1. 300W/500W/1000W/2000W
2. IP55
3. 7.5KG-35KG

# Relay box light column relay box

Catalogue Number: NL 0009

Model number: SF16-6



## Product Details

Place of Origin: China, Brand Name: Fucheng, Model Number: SF16-6

## Specifications

Alarm signals: G/A, CO<sub>2</sub>, FA, machinery fault alarm, telephone call, engine telegraph, etc.

Power supply: 220VAC, 24VDC

Alarm Indicator Column System ;

The alarm indicator column system is designed for distribution of important alarms in special areas onboard ships. The audible and visual alarm signals will be sent when the equipments with fault during operating. Then the crew or shipman will take measures against the trouble rapidly according to the signals. The systems are designed according to the rules and regulations of CCS and IMO A.830 (19). This system is widely used in varied vessels.

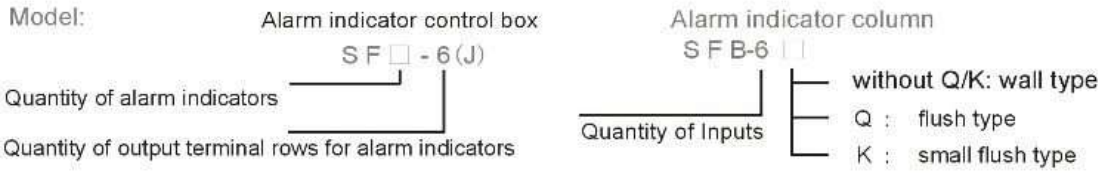
## MAIN TECHNICAL DATA

Alarm signals: general emergency alarm, Co<sub>2</sub> release alarm, fire alarm, machinery fault alarm, telephone call, engine telegraph etc.

Input: normally open or normally close contact without voltage

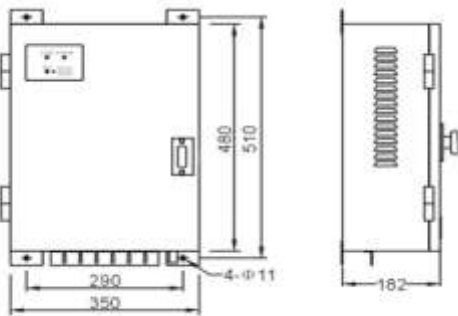
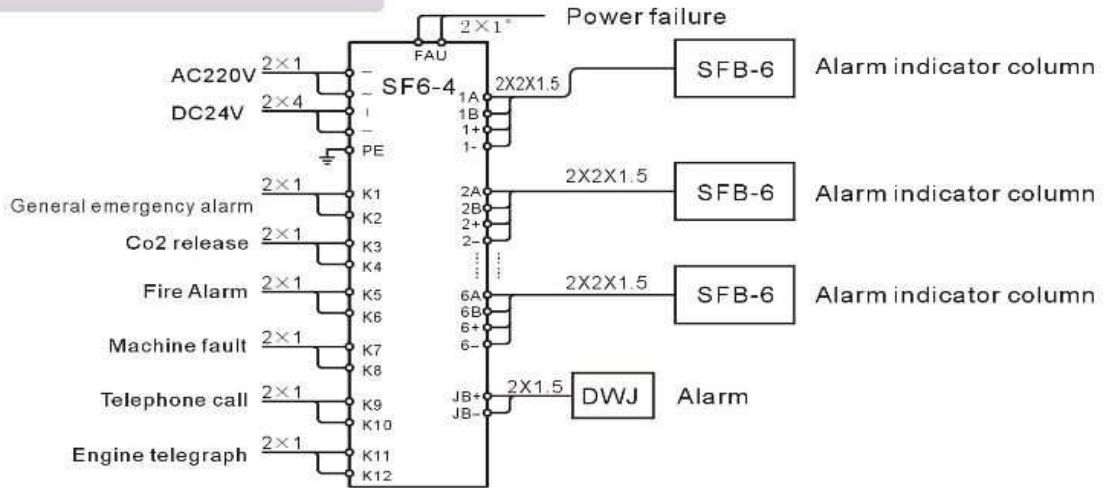
## PRODUCT LIST

The alarm indicator column system is consisted of relay box and alarm indicators columns. One relay box can be connected several alarm indicator columns.



Model	Description	Weight	IP Class
SF8/16-6	Relay box	15Kg	IP 22
SFB-6	Alarm indicator column	12Kg	IP 44
SFB-6Q	Flush type alarm indicator	3Kg	IP 20
SFB-6K	Flush type alarm indicator	1Kg	IP 20

**System connection diagram**





# Navigation Light and Signal Light controller

Catalogue Number: NL 0010

Model number: HDK



## Product Details

Place of Origin: Zhejiang China, Brand Name: Fucheng, Model Number: HDK

## Specifications

1. Audible and visual alarm when light fault.
2. With mute, test and dimmer functions.
3. With PVC panel cover. Analog figure

## GENERAL

Navigation light control panel and signal light control panel are designed for monitor and control navigation lights and signal lights on ships. They are adopts advanced current check and microprocessor technology to make easy operation. They are comply with the rules and regulations of CCS.

## FEATURES

1. Audible and visual alarm when light fault.
2. With mute, test and dimmer functions.
3. With PVC panel cover. Analog figure for easy identify.
4. Interface to VDR. RS485 bus line. Comply with NMEA0183 . (Optional)

## TECHNICAL DATA AND MODEL INSTRUCTION

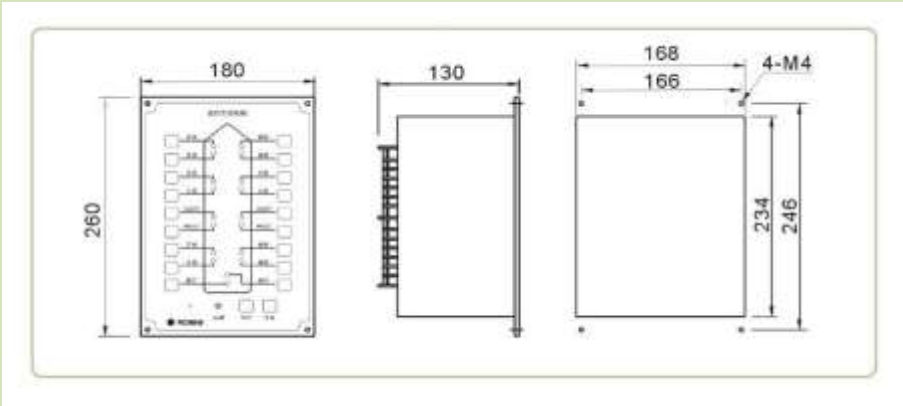
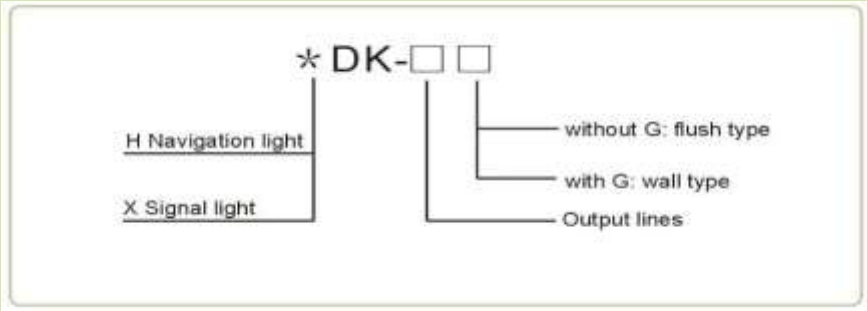
Output lines: 18 lines Max.:24line

Load power for each line: max.120W incandescent lamp

Internal power consumption:≤15W

IP Class: Ip20

Power supply: 220VAC or 24VDC



*\*\* If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!  
 If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you  
 Note: Please specify the product details with Catalogue number and Model number (if any).*

# Water Discharge Monitor

Catalogue Number: Equip 0001

Model Number:



## Product Description

Type: Water Treatment

### General

The Water Discharge Monitor has the advantage to monitor and control the discharge of bilge water to prevent any accidentally oil discharge. All data will be logged and stored for later printout or down load. This will give the operator full control over the discharge.

The log data are stored internally for a minimum of 18 month. This data can at any time be down loaded for overview on a PC via RS232. The data can also be down loaded direct to a printer (option) via RS232. The WDM is equipped with a display for overview, information, status indication and adjustments.

### Main Features

GPS position

Time and date of discharge

Volume of water discharge overboard

Ppm value

Alarm status

Capacity

0-10 m<sup>3</sup>/h

## Bilge Alarm

Catalogue Number: Equip 0002



### Product Description

**Type:** Water Treatment

### Function:

There are 2 alarms out signals which are triggered by the ppm oil content of the separators effluent. Adjustable between 0-15 ppm.

Auto flush occurs automatically, a cleaning function designed to keep the sensor as clean as possible.

The log is controlled by a signal from the separator and is saved on a removable SD card.

### Specifications:

Type approved by: DNV, USCG, RMRS and CCS

0-30ppm, trend up to 40ppm

## Portable Oil / Water Interface Detector

Catalogue Number: Equip 0003



### Product Description

The portable oil / water interface detector JOWA BLMD is provided for rapid and accurate determination of the oil / water interface in slop tanks as well as in other tanks where the

separation of oil and water is effected and from which the discharge direct overboard is foreseen.

Approved according to MARPOL 73/78 regulation 15(3)(b) and meets the IMO MEPC. 5 (XIII) specifications in Annex 4.

Meets the requirements of Atex II 1 GG Eex ia IIB T4 for use in inflammable areas.

Gas tight version.

Adaptable for tank valves of 1" and above.

JOWA BLMD serves for following applications:

Ullage measurement of oil and water in slop tanks and other tanks

Interface detection between air oil and oil water

Temperature measurement

The detection of ullage and interface will be carried out visible on tape and audible with different sound signals:

Air \* \* \*

Oil \*\* \*\* \*\*

Water \*\*\*\*\*

The portable sampling device is an important tool for cargo inspection and used to pick close sample of liquids.

Several kinds of samples can be realized by only one integrated sample bottle:

Zone

Spot

Running

Bottom

Designed for use in potentially explosive atmospheric areas. A reading window allows to monitor the bottle location inside the cargo tank by a graduated tape.

The reel has a lock mechanism to stop the rotation at desired level and to avoid the drop of the sampling bottle. The "close sampling" of cargo liquid avoids releasing of dangerous vapor of cargo tank.

Made of stainless steel to avoid corrosion.

Easily disassembled and cleaned.

Easy to connect on top of existing deck valves by a quick coupling system.

*\*\* If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

**Note:** *Please specify the product details with Model number (if any) and Catalogue number.*

# FLANGE END SWING CHECK VALVE MH44T-35 250S

Catalogue Number: PV 0001

Model Number: MSS SP-71



## Product Details:

Model: MSS SP-71

Product Approvals: ISO9001

Brief Description: Design, manufacture conforms to MSS SP-71. Face to face dimension conforms to ANSI B16.10

CHECK VALVE: MSS SP-71

## Key Specification-

Scope of Application:

Class 250lb

Suitable medium: Water Steam Oil

Test: Pressure

Shell: 6.03MPa

Seat: 3.45MPa

Test time: 2"-8", 30S

Work: Pressure, -29-65°C, 3.45MPa, 232°C, 1.72MPa

Technical Requirement:

Design, manufacture conforms to MSS SP-71.

Face to face dimension conforms to ANSI B16.10.

Flange drilled conforms to ANSI B16.1.

Size: DN, L, D, D1, D2, B,

n-d: 50, 51, 267, 165, 127, 106, 22.2, 8-19, 65, 292, 191, 149

Pin: stainless steel

ASTM 304

GB1220-92 1Cr18Ni9

Identification Plate: aluminium

Aluminium: YB604-66 LY12

Nut: steel, ASTM A 563-B, GB700-88 Q235, 15

Bolt: steel, ASTM A 307-B, GB700-88 Q235, 14

Gasket: graphite  
Non-Asbestos  
Graphite: 13  
Bonnet: cast iron, ASTM A 126-B, GB9439-88 HT200, 12  
Hanger Pin: stainless steel: ASTM 304: GB1220-92 1Cr18Ni9, 11  
Gasket: teflon  
TEFLON: 10

## Cast Iron Check Valve

Catalogue Number: PV 0002



### Product Description

**Origin:** China

**HS Code:** 8481804090

**Function:** Sfcv Rubber Lobe

**Material:** Brass

**Structure:** Tubular

**Connection Form:** Thread

## American Flanged Gate Valve

Catalogue Number: PV 0003

Model Number: Gate Valve 02



## Product Details

Model: Gate Valve 02

Product Approvals: API607,API,SON,CE

Capable: UL

Brief Description: Gate valve, Medium Pressure, Manual, flanged, forged, Medium Temperature, knife, parallel, wedge, double disc

## Key Specification

Body materials: A105, WCB, CF3, CF8, LCB, F304L, F316, F316L etc.

Manufacturing standards: API, ANSI, BS, DIN, and JIS

Pressure: ANSI 800LB-2500LB

Connection: flanged and butt-welded

Size range: 1/2"-4"

Test standard: CE, ISO9001: 2000, API 6D, AZ

Operated way: lever, gear

Suitable media: water, oil, gas, marine, chemical

## Flange Ball Valve

Catalogue Number: PV 0004

Model Number: Ball Valve 006



### *Product Details*

Model: Ball Valve 006

Product Approvals: CE, SON, API607, API

Capable: UL

Brief Description: Flanged ball valve, Medium Pressure, Manual, Stainless Steel, Medium Temperature with CE and API product approvals

### **Key Specification**



Body materials: A105, WCB, CF3, CF8, LCB, F304L, F316, F316L etc.  
Manufacturing standards: API, ANSI, BS, DIN, and JIS  
Pressure: ANSI 800LB-2500LB  
Connection: flanged and butt-welded  
Size range: 1/2"-4"  
Test standard: CE, ISO9001: 2000, API 6D, AZ  
Operated way: lever, gear  
Suitable media: water, oil, gas, marine, chemical

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## Marine Bronze Globe Valves

Catalogue Number: PV 0005

Model Number:



**Product Description:**

DN 15 20 25 32 40 50 65

**Origin:** China

**Material:** Brass

**Connection Form:** Flange

**Channel:** Straight through Type

**Structure:** Floating Ball Valve

**Type:** Floating Ball Valve

## *Gate Valve*

Catalogue Number: PV 0006



## Gate Valve

Catalogue Number: PV 0007

Model Number:



Product Name: API *Gate Valve* Design Standard: API600, Size: 2"-56" Pressure Class: 150LB to 3500 Applicable Medium: Water, Petroleum, Steam Applicable temperature: -196~600 centigrade.

## High Pressure and Temperature *Gate Valve*

Catalogue Number: PV 0008

Model Number: 12 2500 C12A



Pressure rating: 900Lb/1500Lb/2500LB/3500LB Specification: NPS 1/2~28(Casting)  
1/2~24(Forging) Temperature: T<650 Centigrade Connection type: BW Shell material: ...

## Gate Valve

Catalogue Number: PV 0009

Model Number: Z41Y-300LB

Product Name: Cast Steel Flanged *Gate Valve* Place of Origin: China Features: 1) Design Standard: A) Basic Design: API 600, ANSI B16.34, BS 1414 B) Test: API 598, BS 6755 2) Products Range: A)



## API 600 *Gate Valve*

Catalogue Number: PV 0010



API600 *Gate Valve* Size: NPS 2"~48" Rating: Class150~2500 Material: WCB, LCB, LCC, WC6, WC9, CF8, CF8M, CF3, CF3M, 4A, 5A Design and manufacture standards: API 600, BS 1414, ASME ...

## Gate Valve

Catalogue Number: PV 0011



## Gate Valve (*API RS*)

Catalogue Number: PV 0012



*Gate Valve* Specifications: ANSI Rising Stem Solid Wedge Size: 1.5"-12" Pressure: 125Lb Info: Outside Screw and Yoke Bolt Bonnet, Rising Stem Solid Wedge Disc Brass or Bronze Trim

## **Magnetic Resilient Seat In side Thread *Gate Valve***

Catalogue Number: PV 0013

Model Number: CFZ15X-10/16Q

Magnetic lockable resilient seat *gate valve* (Model: CFZ15X-10/16Q) is our patent products and the patent No. is ZL200320114612.0. It has to use our own special key operate, which is the best choice for ...

Sichuan Chuanli Intelligence Valve Co., Ltd. [Province:Sichuan, China]



## **API *Gate Valve***

Catalogue Number: PV 0014



Product Description: *Gate valve* features 1) Size: NPS 1/2" - 36" 2) Pressure: Class 150 - 1, 500 3) Material: A) 1/2" - 2" : A105, LF2, F11, F22, F5, F304, F316, F304L, and .

## **DIN3352 *Gate Valve*, Resilient Seated**

Catalogue Number: PV 0015



DIN3352 Resilient Seated *Gate Valve*, DIN3202 F4, Flanged Ends, Non-Rising Stem, PN10/16. Ductile Iron Body and Bonnet, Stainless Steel Stem, Ductile Iron Wedge EPDM rubber coated, inside/outside Fusion .

## Expanding Type *Gate Valve*

*Catalogue Number: PV 0016*



1. Metal seal in the sealing contacts. Metal between the body and bonnet. 2. Backseat between the stem and the bonnet, easy for the change of sealing stuff under pressure. 3. Sealing surface

**\*\*** *If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

**Note:** *Please specify the product details with Model number (if any) and Catalogue number.*

# Marine Propeller

Catalogue Number: PRP 0001



## Product Details

Material: Cu3

Certification: ISO9001:2000

Blades: 4

Diameter (mm): 1000- 9600mm

Weight: up to 80 tones

Skew angles: 0-skew available

Packaging Detail: For keeping the propellers nicely without any scuffing, all propellers will be covered by plastic paper first, and then, wooden case will be used for each item. It also can be packaged by your requirements.

## Specifications

1, Available approved by ABS, LR, GL, DNV etc

2, Used for marine vessels.

## Marine propeller

These propeller diameter up to 12 meters, weight up to 120 tones, material available Cu1,Cu2,Cu3,Cu4.

Products are all available approved by ABS, BV. CCS, DNV, GL .LR, NK, etc., and obtained the authentication certificate of Quality System ISO9001:2000.

We can supply supply all propulsion system for container ships, cargo ships, tankers, boats, trawlers and fishing boats etc. Including Main engine, Gearbox, Shaftings, FPP, CPP, Rudder propellers,Tunnel thrusters,Azimuth thrusters,Water jets,also Main propulsion assembly.

## Product Feature

Maximum efficiency with minimum noise and vibration levels.

# Marine Propeller

Catalogue Number: PRP 0002



#### **Product Details**

Material: Cu1, Cu2, Cu3, Cu4

Blades: 4

Diameter (mm): 0.5-12meters

Weight: up to 100 tones

Skew angles: 0-skew available

Pitch ratio: 0.8-1.8

#### **Specifications**

Available Cu1, Cu2, Cu3, Cu4 and approved by ABS, BV, CCS, DNV, GL, LR, etc.

Maximum efficiency with minimum noise and vibration levels.

#### **Marine propeller**

These propeller diameter up to 12 meters, weight up to 120 tones, material available Cu1,Cu2,Cu3,Cu4.

#### **Product Feature**

Maximum efficiency with minimum noise and vibration levels.

#### **Application**

Container vessels, tankers, bulk carriers and dry cargo vessels , etc.

## **Marine Propeller**

Catalogue Number: PRP 0003



#### **Product Details**

Material: Copper

Certification: CCS, GL, LR, NK

Blades: 4, Diameter (mm): 1~10m, function: marine propeller, material: CU2, CU3, Stainless steel,

Blade number: 2~6

### **Specifications**

We supply propellers for container ships, cargo ships, tankers, tug boats, trawlers and fishing boats etc.

## **CPP blade and hub, marine propeller**

Catalogue Number: PRP 0004



### **Product Details & Specifications**

Material: Ni-Al bronze (Cu3)

We supply propellers for container ships, cargo ships, tankers, tug boats, trawlers and fishing boats etc.

## **Tunnel Thrusters**

Catalogue Number: PRP 0005



### **Product Description**

The tunnel thruster is used for all types and sizes of ships, we can provide the tunnel thruster of standard, and other sizes's tunnel thruster also.

Tunnel thrusts have controllable pitch propeller (CPP) and fixed pitch propeller (CPP). The tunnel thrust is usually driven by an electric motor through a coupling. It can also be driven any type of high speed diesels and hydraulic motors



# Rudder Propeller

Catalogue Number: PRP 0001



## Product Description

The power of the diesel engine is transmitted to the Rudder Propeller through an elastic coupling, a clutch and the universal shafts. The rudder propeller transmits the engine power to the propeller via upper and lower bevel gear sets (Z-drive).

The propeller can be freely steered through 360 degrees around the stem. Therefore the rudder propeller is combined propulsion and steering unit, so that the full thrust is available in any direction for the ship.

If the prime mover is electric or hydraulic motor, the upper gearbox can be eliminated. The electric or hydraulic motor can be vertically mounted on the fixed flange and the power will be transmitted through a bevel gear in lower gearbox on to the propeller (L-drive).

The rudder propeller can be operated by mechanical, hydraulic or electro-hydraulic unit, and can be in active service as main propulsion, auxiliary propulsion and dynamic positioning of the ship, which are usually used in tugs, push boats, ferry boats and barges etc. there're three installation types. Transom installation, Well installation and Deck installation.

**\*\*** *If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

**Note:** *Please specify the product details with Model number (if any) and Catalogue number*

# Two spindle rotary positive displacement pump for oil production and other viscous liquids

Catalogue Number: Pmp 0001

Model Number: XA/XS-Series



## Product Details

Place of Origin: China

Theory: Rotary Pump

Power: Electric

Pressure: High Pressure

Pressure Range: 0-4.0 MPa

Material: cast iron, carbon steel, bronze, SS30...

External lubricating function: support

Structure: Screw Pump

Standard or Nonstandard: Nonstandard

Application: Maritime

Pump Type: Positive Displacement Pump

Heating/Cooling function: support

Relief Valve function: support

Usage: Oil

Fuel: Diesel

Capacity Range: 0.2-1000 m<sup>3</sup>/h

Certification: CE, ISO9001, CCS

Skid-mounted function: support

Multi-phase flow pumping: suitable

## Specifications

1. For lubricating and non-lubricating oil production, gel, etc.
2. With CE, ISO, CCS Certificates.
3. Wide capacity range.

Positive displacement pump can transfer any lubricating or non-lubricating liquids which contains no solid or solid size < 0.2mm. We have single suction (XA-Series) and double suction (XS-Series) series which can meet customer's requirement of various capacity and pressure.

## Performance

Capacity	0.19-1200 m <sup>3</sup> /h
Pressure	Up to 4.4 MPa (44Bar)
Temperature	-50-320°C
Viscosity	1-3×10 <sup>6</sup> mm <sup>2</sup> /s

## Application

Oil production	Petrochemical industry
Ship building	Offshore production
Power stations	Refineries
Colors and Paints Industry	Tank transfer
Bitumen, asphalt, pitch	Fire foam
Marine	Drinks

Food  
Confectionery

Milk products  
Brewery

### Features & Benefits

- Wide range of applications
- Self-priming
- Direct drive without speed-reducer possible
- Change of pumping direction - simple
- Pumping elements - simple to replace
- Easy maintenance
- For almost all media and fluids
- High viscosities possible
- Low noise level
- Dry running possible
- Constant flow on varying pressures and volumes
- Very good suction performance up to NPSH 1 – 1.5 m/3 - 5 feet
- Engineered 2-piece shaft and screw construction

## Horizontal twin screw pump used for marine cargo oil, heavy oil, chemicals, food and other viscous liquids

Catalogue Number: Pmp 0002

Model Number: XS-Series



### Product Details

Place of Origin: China

Theory: Rotary Pump

Power: Electric

Pressure: High Pressure

Pressure Range: 0.1-4.0 MPa

Heating Jacket: Available

Skid mounted type: Available

Structure: Screw Pump

Standard or Nonstandard:  
Nonstandard

Application: Maritime

Temp. Range: -30-400 Degree C

Relief Vavle: Available

Pump Type: positive  
displacement pump

Usage: Oil

Fuel: Diesel

Capacity Range: 0.5-1500 m3/h

Material: cast iron, carbon  
steel, stainless st...

Diesel engine driven: Available

Certification: CE, CCS, ISO9001

## **Specifications**

1. Suitable for various medium
2. Smooth flow without pulsation
3. Various material
4. High quality and competitive price

Twin screw pumps are mainly applied to the key equipments within the following fields such as petroleum, chemistry industry, power station, boiler, municipal building, medicine, vessel & large national key engineering projects, the quality of which has been well received for many years, great amounts of new & old customer are welcomed to call, mail or visit for discussing business.

## **Product Description**

Capacity: 0.5~1500m<sup>3</sup>/h

Pressure: 0.1~4.0Mpa

Viscosity: 1~3\*10<sup>6</sup>mm<sup>2</sup>/s

Temperature: -30~400°C

Rotation: 750rpm, 1000rpm, 1500rpm or driven through reducer when viscosity is very high

Medium: Various liquid no matter lubricating or non-lubricating, even paste

Certificate: ISO9001, CCS, CE, etc.

Construction: Horizontal, Vertical, Internal bearing, Trolley structure

Safety: Explosion-protection, water-protection, safety valve, alarming sensor.

## **Product Feature:**

Wide range of application

Self-priming

Pumped capacity proportional to speed

Constant flow on varying pressures and volumes

Direct drive without speed-reducer possible

For almost all media and fluids & High viscosity possible

Low pulsations

Low noise level

Dry running possible

Pumping elements-simple to replace

Compact construction

## **Application Range:**

Can be used in oil industry, marine industry, chemical industry, food industry, etc.

## **Inner structure:**

1. Adopting external bearing which lubricated individually, so can deliver various medium no matter lubricating or non-lubricating.
2. Adopting timing gear, there is on metallic contact between rotating parts, so a long service life is ensured. And there is no dangerous even dry running in a short time.
3. Adopting circular valve, when outlet pressure is higher than working pressure and the

circular valve will be open, some medium through the circular valve and come back the inlet of the pump or saving can. At the same time, the twin screw pump work in all pressure for bringing down torque.

4. When working, drive screws, driven screws form sealed chamber together with the surrounding pump casing, the medium in the sealed chamber is shifted axially and completely continuously from the suction side to delivery side of the pump as the shafts turn. Because the capacity of the seal casing doesn't change in working, the pump transfers liquid without pulsation.

**Other Information:**

Can be designed in accordance with the special needs of customers: Horizontal, Vertical, Trolley structure; Explosion-proof level, Degree of Protection, insulation level(for hazardous area working), special stainless steel for special requirement(food industry, corrosive liquids, etc.), heating chamber, safety valve, alarming sensor, etc.

## Vertical Centrifugal Marine Pump

**Catalogue Number: Pmp 0003**

**Model Number: CLH Series**



**Product Description**

CLH series vertical centrifugal marine pump is applied in all kinds of shipping and warship for ballast pump, bilge pump, coolant pump, drainage pump and fire pump. It also used as necessary feed pump for seawater desalting device and various tank equipment, and the booster pump for petroleum and chemical industry pipelines, cold and hot water circulating system and high-rise building living water supply system.

# CYZ Self-Sucking Oil Pump

Catalogue Number: Pmp 0004



## Product Description

**HS Code:** 8413709990

Air Engine type: Diesel Engine

Type: Self-priming Pump with Inner Recirculation

### 1. Summarize

CYZ-A self-sucking centrifugal oil pump is the latest kind of pump developed and improved by us after studying relevant technical data both at home and abroad. It is suitable for marine cargo pumps, bilge pumps, fire pumps and ballast pumps and machinery, such as cooling water, respectively, transport gasoline, kerosene, diesel, aviation fuel and other petroleum products, seawater and water, The temperature of its transferring medium ranges from  $-20\sim 140$ ; You can choose anti-corrosion mechanism sealing if you want to transport the chemical medium.

### 2. Usage

This pump has strong self-sucking function; It is widely applied in oil houses, gas stations, oil tankers, tank-ships, docks, tank trucks. The max work pressure: 1.6Mpa. Temperature  $15\sim 95$ .

### 3. Characteristic

There is no need of bottom valve in pipeline and it only needs the ration lead oil. The flow material: Cast iron, stainless steel. The flux:  $3.2-600\text{m}^3/\text{h}$  Outlet pressure  $12-80\text{m}$ .

# High Temperature Twin-Screw Oil Pump

Catalogue Number: Pmp 0005

Model Number: TY2G



## Product Description

Model NO.: TY2G

Standard: API610 Standard

Origin: China

Air Engine Type: Fitted Motor

Type: Self-priming Pump With Inner Recirculation

Capacity: 0.5~270m<sup>3</sup>/H

Outlet Pressure: 0.2~1.6mpa

Working Temperature: <100

Viscosity Range: 6-100000mmm/H

Suction: Self-Priming

Temperature: High Temperature

Viscosity: High Viscosity

## GENERAL INTRODUCTION

TY2G Series twin-screw pump is a kind of volumetric rotor pump that absorbs the technical experience from America, Germany, and Japan to design and used to delivery high viscosity medium and its applied industry includes metallurgy, petroleum, and chemical industry and so on.

## STRUCTURE

Medium Type: Internal, External, Cantilever, High-temperature.

Structure Type: Vertical, Horizontal, Movable and Direct-coupled.

## SCOPE OF APPLICATION

Oil Refining:

Apply for pumping all kinds of heating oil, asphalt oil, tar latex etc, and also apply in the oil goods loading/unloading used in the oil ship, pool, tanker.

Electricity:

Heavy oil, crude oil pump and heavy fuel oil pump.

Vessel:

Vessel loading pump, stripping pump, marine ballast pump, main engine lubricating oil pump, fuel transfer pump fuel oil injection pump cargo oil pump, etc.

Petrochemical:

Apply for pumping any of acid or alkali liquid and resin, paint, printing ink, glycerin, paraffin, every kind of oil goods, thick oil and crude oil, etc.

Steel and Metallurgy:

Main engine lubricating oil pumping, heating boiler jetting.

Foodstuff:

In production line of pumping honey, sweet juice, toothpaste, cream, animal/plant oil and in winery, grocery plant and canned plant.

Ceramics Glass:

In production line of pumping heavy oil.

APPLICATION MEDIUM

Lubricating or non-lubricating medium;  
Corrosive medium;  
Medium with tiny solid particle;  
From low-viscosity to high-viscosity medium



# Self-Priming Sewage Pump

Catalogue Number: Pmp 0006

Model Number: 25ZW8-15



## Product Description

HS Code: 8413709990

Origin: China

### 1. Production Overview:

It is developed based on the structures and characteristics of ZX centrifugal pump and QW drainage pump, referring to the advantages of similar productions at home and abroad, soliciting the demands and opinions of various customers. It is integrated with self-suction and drainage, which doesn't need to fix a foot valve or fill inducting water as common clean water self-suction pump and can pump sewage, sediment, waste mine impurity, deject containing great suspended solid sewage with a diameter 60% as the outlet diameter and fibrous things whose lengths are 1.5 times as the impeller and all engineering sewage and colloid liquid, completely reducing workers' labor intensity. It is easy to use, move and fix, seldom needs maintenance and performs steadily.

### 2. Main Features:

- A) Simple structure
- B) Convenient operation
- C) Steady running
- D) Easy to maintain
- E) High efficiency
- F) Long duration

### 3. Main Usages

- A) Petroleum industry
- B) Land oil depot
- C) Oil tank
- D) Marine cargo oil pump
- E) Bilge pump
- F) Machine cooling water circulation

# Screw Pump

**Catalogue Number: Pmp 0007**

**Model Number: 2H Series**



## Product Description

HS Code: 8413

Model NO.: 2H Series

Standard: CCS, BV, KR, NK, ABS, RINA, ISO9001, CE

Origin: China

Capacity: 0.5-1500m<sup>3</sup>/h

Pressure: 0.1-2.0Mpa ( For gas and oil mixture pump, the pressure is 0.1-4 Mpa)

Viscosity: 0.5-100, 00mm<sup>2</sup>/s

Temperature: -30 - 200 C

Medium: Various lubricating oil and fuel oil

Certificate: ISO9001: 2000, CE, CCS, BV, GL, etc.

Construction: Horizontal, vertical, portable structure, heating chamber

Safety: Explosion-protection, water-protection, safety valve, alarming sensor.

## Product Feature

Large flux

Self-suction

Low noise

Long service life

## Application

Can be designed in accordance with the special needs of customers: Horizontal, Vertical, Trolley structure; Explosion-proof level, Degree of Protection, insulation level(for hazardous area working), special stainless steel for special requirement(food industry, corrosive liquids, etc), heating chamber, safety valve, alarming sensor, etc.

## Other Information:

these pumps (mainly twin-screw pumps) and systems are the ideal solution for tanker

terminals, oil production and processing. The areas are the industrial, petrochemical, marine and shipbuilding as well as the food and pharmaceutical industries. You can ask us for all relevant technical data, performance data, designs, options, principle, and application advantages and, last but not least, application areas for the respective pump.

### **More Product Features**

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## **Main Engine Lube Oil Pump**

**Catalogue Number: Pmp 0008**

**Model Number: 2W Series**



### **Product Description**

HS Code: 84131100

Model NO.: 2W Series

Standard: ISO, BV, CCS, GL, ABS, NK, KR

Origin: China

Flow Rate: Variable Pump

Oil pump, cargo oil pump and twin screw pump:

1. Twin screw pump 2W series Deliver various medium smoothly without and disturbing and pulsation. There are medium to be pumped throughout in the working elements as sealing liquid which guaranteed by the construction of pump casing. All of the pumps possess high self-priming ability and can deliver the liquid mixed with gas or air.
2. The high suction performance namely very low NPSHr was guaranteed by the special design of pump.
3. Adopting the external bearing which lubricated individually, so can deliver various non-lubricating medium.
4. Adopting synchronous gear, there is on metallic contact between rotating parts, there is no dangerous even dry running in a short time.

5. Various constructions completely such as horizontal, vertical and casing with liner, and so on. The pump can handle various clean liquid without solid grain, low or high viscosity medium, even can deliver some corrosive medium with a correct material selection.

6. Suction of the pump is at the flank and discharge is on the top, the pump has small cubage, so it is especially used to the place of small space, such as ship.

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## Marine Double Screw Pump

**Catalogue Number: Pmp 0009**

**Model Number: 2H Series**



### Product Description

Origin: China

HS Code: 84131100

Model NO.: 2H Series

Capacity: 0.5-1500m<sup>3</sup>/h

Pressure: 0.1-2.0Mpa

Viscosity: 0.5-100, 00mm<sup>2</sup>/s

Temperature: -30 - 200 C

Medium: Various lubricating oil and fuel oil

Certificate: ISO9001: 2000, CE, CCS, BV, NK, KR, ABS, RINA, GL, etc.

Construction: Horizontal, vertical, portable structure, heating chamber

Safety: Explosion-protection, water-protection, safety valve, alarming sensor.

### Product Feature

Large flux

Self-suction

Low noise

Long service life

### Application

Can be designed in accordance with the special needs of customers: Horizontal, Vertical, Trolley

structure; Explosion-proof level, Degree of Protection, insulation level(for hazardous area working), special stainless steel for special requirement(food industry, corrosive liquids, etc), heating chamber, safety valve, alarming sensor, etc

#### Other Information

Our pumps(mainly twin-screw pumps)and systems are the ideal solution for tanker terminals, oil production and processing. The areas are the industrial, petrochemical, marine and shipbuilding as well as the food and pharmaceutical industries. You can ask us for all relevant technical data, performance data, designs, options, principle, application advantages and, last but not least, application areas for the respective pump.

## Other products

Twin Screw Pump (Fuel Pump)

Hydraulic Deep Well Cargo Pump System

Cis Single-Stage Single-Suction Pipeline Centrifugal Pump

Diaphragm Pump (ISO9001)

*\*\* If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

**Note:** *Please specify the product details with Model number (if any) and Catalogue number.*

# Side Scan Sonar's

Catalogue Number: HP 0001



Welcome to the future of seabed imaging.

We brought to you the development of high performance and low price side scan sonar systems.

Now you can afford your own high performance side scan sonar system. We are convinced that the Deep Eye system is today the best valued high performance system you can find. Just add a laptop, GPS and 12 volt and you are ready to explore the depths.

Whether you are hunting shipwrecks, looking for new dive sites or conducting underwater research you will enjoy our Deep Eye sonar. The sonar produces a photo-like image of the seabed so you can see what's down there.

The main features:

- Excellent image quality
- Easy to use
- Compact
- Low cost

Let's start imaging the depths.

# Geo Acoustics Dual Frequency Side Scan Sonar

Catalogue Number: HP 0002



Geo Acoustics Dual Frequency Side scan Sonar system is the ideal tool for seabed feature mapping, offering high quality results in a simple and reliable package.

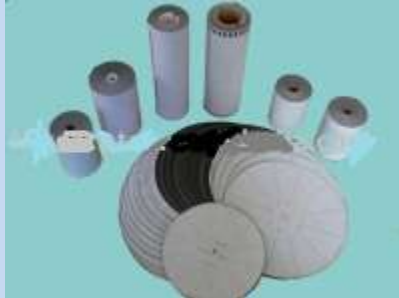
It offers switch selectable dual frequency operation (114 / 410 kHz), which when combined with multiplexed data transmission enables a low-drag coaxial cable to be used.

The versatility, ease of operation and cost effectiveness of the system has made it a popular choice with commercial survey companies.

## Side-scan Sonar Recording Paper

Catalogue Number: HP 0003

Model Number:



### Product Details

Place of Origin: China, Material: Paper, Use: Other

### Specifications

Used for recording instruments in sea bed exploration; oil field exploration; water conservancy etc

## 10.4 Inch High Power 1KW/2KW Sonar

Catalogue Number: HP 0004

Model Number: : KF-1067



### Product Details

Sonar, Echo sounder, Fish graph, Dual Frequency, 1 KW or 2 KW option, 8-color , 50K HZ & 200K HZ .

### FEATURE:

- 1) Choice of Frequency of depth finder: 50 KHz, 200 KHz or 50 & 200 KHz (Dual Frequency),
- 2) Choice of Output Power: 1 KW or 2 KW, specify when ordering
- 3) 10.4 TFT LCD display with 8-color or multi-level amber presentation of sonar
- 4) Auto mode for hands-off operation
- 5) Variety of display modes: A-scope, bottom-lock expansion, marker zoom and unique bottom zoom display
- 6) Compound temperature sensor option

## SPECIFICATIONS

### 1. General

- (1) Display 10.4 inch TFT LCD  
8 colors (including background color) according to echo strength.
- (2) Echo Color Monochrome display is also available. The background color is selectable from blue, light blue, white and black.  
Meters: 5/10/20/40/80/150/200/300  
Feet: 15/30/60/120/200/400/600/1000  
Fathoms: 3/5/10/20/40/80/100/150  
The basic ranges can be changed on the system menu.
- (4) Range Shift Up to 300 meters (1000 feet, 150fathoms)
- (5) Zoom Range Times 2, 3, 4 and 5 ranges
- (6) Bottom Lock 5/10meters, 10/20feet, 2/5fathoms
- (7) Auto Mode Automatic adjustment of range and gain  
50KHz or 200KHz version: Normal, Zoom and A-scope  
50KHz & 200KHz (Dual Freq) version: High Frequency (200KHz), Low Frequency (50KHz), Dual (200KHz and 50KHz 1/2 display on each), Zoom (200KHz and 50KHz zoom) and A-scope.
- (8) Display Mode Marker Zoom, Bottom Zoom and Bottom-lock Expansion
- (9) Zoom Display
- (10) Display Advance Speed Lines/TX: Freeze, 1/8, 1/4, 1/2, 1/1, 2/1
- (11) TX Frequency 50KHz, 200KHz or 50 & 200KHz (Dual Frequency), specify when ordering
- (12) Output Power 1 KW or 2 KW rms, specify when ordering
- (13) Display End Depth (meters) Display End Depth(m) 5, 10, 20, 40, 80, 150, 300, 600  
Pulse-Length(ms) 0.1, 0.1, 0.1, 0.2, 0.4, 0.7, 1.5, 2.5  
TX Rate(pulse/min) 80, 80, 80, 160, 320, 560, 1.2s, 2.0s
- (14) Interference Rejecter Rejects unwanted signals by comparing last and present echoes in strength.
- (15) Alarm Fish and Bottom alarms, Temperature alarm (sensor required)
- (16) Input/output data NMEA0183  
Input RMC, VTG  
Output SDDBT, SDDPT
- (17) Transducer 1KW: TGM60-50B-12L (50KHz, with 12 meters cable)  
TGM50-200B-12L(200KHz, with 12 meters cable)  
2KW: TGM60-50A-15L (50KHz, with 15 meters cable)  
TGM50-200A-12L(200KHz, with 12 meters cable)

### 2. Power Supply

- (1) Display Unit 12-24 VDC (-10%, +30%): 1.5 3.0 A

### 3. Environmental Condition

- (1) Ambient Temperature 0 to + 50



- (2) Relative Humidity 85% at 40
- (3) Water proofing Display Unit: IPX4
- (4) Vibration  $\pm 1\text{mm} \pm 10\%$ , 2(5) to 13.2Hz, Maximum acceleration 7 m/s, 13.2 to 100Hz

**4. Coating Color**

- (1) Display Unit Chassis: 2.5GY5/1.5  
Panel: N3.0 New tone No.5

## Aids-to-Navigation AIS

**Catalogue Number: HP 0005**

**Model Number: AWATON-300 Aids-to-Navigation AIS-1**



**Aids-to-Navigation AIS, Used on Buoys and Beacons in Class I, II, III AIS A to N Station**

**Model Number:**

**Country of Origin:** China

**Key Specifications/Special Features:**

- Automatically monitoring of operation status and power supply
- Buoy position tracking
- Power efficiency
- IALA and ITU standards compliance
- Power supply: 12V DC
- Dimensions: (H) 130 x (W) 340 x (D) 260mm
- Weight: 8kg

**Primary Competitive Advantages:**

- Country of Origin
- Experienced Staff
- Guarantee/Warranty
- Military Specifications
- Price
- Product Features
- Product Performance

- Prompt Delivery
- Quality Approvals
- Reputation
- Service

*\*\* If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

*Note: Please specify the product details with Model number (if any) and Catalogue number.*

# Aluminum sheet

Catalogue Number: AS 0001



## Product Details

Grade: 1000,3000,5000,6000

Temper: O-H112, Alloy Or Not: Is Alloy

Type: Plate, Application: FLOOR, Surface Treatment: Coated

Place of Origin: China

## Specifications

Aluminum Sheets

thk:1-10mm,

material:1050,1060,3003

width : 850-1650mm

temper: H14 ,H16 ,H18 ,H24 ,H32

aluminum sheets:

alloy: 1060, 1100 ,3003 ,3105 ,5052

# 5083 marine aluminum sheet

Catalogue Number: AS 0002

Model Number: 5052, 5083, 6061, 6082,1050, etc



## Product Details

Grade: 5000 Series, Temper: O-H112, Type: Plate, Application: industry and architecture industry

Thickness: 0.2-10mm, Width: 0.5-2m, Surface Treatment: Coated, Alloy or Not: Is Alloy,

Place of Origin: China, Brand Name: HPWY,

Surface: color coated or as your request

### **Specifications**

5083 aluminum sheet: marine  
thickness: 0.2-100mm width: 0.5-2m length: 2-10m  
grade: 5052, 5083, 6061, 6082, 1050, etc  
standard: ISO, AISI, etc

5083 aluminum sheet

## **Aluminum Sheet**

Catalogue Number: AS 0003

Model Number: LB-1



### **Product Details**

Place of Origin: China, Usage: Outdoor, Brand Name: GZA, Place of Origin: China

### **Specifications**

Features:

- 1) Alloy: AA1100 / 3003 / 5005
- 2) Temper: H14 / 24
- 3) Thickness: 0.28 - 1.5mm
- 4) Width: 500 - 1,620mm

# Aluminum Sheets and Plates

Catalogue Number: AS 0004

Model Number: Al P/S 2014 2014A



**Aluminum Sheets and Plates with Up to 2,460mm Width**

- Alloy: 2014 2014A
- Width: up to 2,460mm
- EN standard
- Country of Origin: China

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Note: Please specify the product details with Model number (if any) and Catalogue number.

# Carbon Steel Plates

Catalogue Number: PC 0001

Model Number: UWM-CSP-112



Carbon Steel Plates with 0.2 to 6.0mm Thicknesses and 900 to 1,500mm Widths

Key Specifications/Special Features:

- Materials: Q195, SPCC, SGCC and DX51D
- Thicknesses: 0.2 to 6.0mm
- Widths: 900 to 1,500mm
- Coil weight: 3 to 10 tons

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If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you

Note: Please specify the product details with Model number (if any) and Catalogue number.

## Copper plate

Catalogue Number: PCp 0001

Model Number:



### Product Details

Place of Origin: China, Shape: Plate, Material: Brass, Alloy Or Not: Is Al loy

### Specifications

copper sheet(Cu62%,65%,68%70%)  
material: C26800,C28000,C26200,C26000  
thickness: 0.8--40mm  
width: 400 or 600mm  
length: max 2m

#### 1. Standard:

- 1).meet the technical conditions GB/T 2059-2008 and GB/T 17793-1999 standards.
- 2).Chemical ingredients meet the GB/T 5232-2001 standard.
- 3).in accordance with ISO9001-2000 Quality system requirements
- 4).The special requirements will be satisfied when users have put forward.

#### 2. Range of work:

- 1). thickness: 0.8--40mm
- 2).width: 400 or 600mm
- 3).length: max 2m

#### 3. Range of usage:

- 1).transformer
- 2).water heater exchanger
- 3).automotive manufacturers

## Copper plate

Catalogue Number: PCp 0002

Model Number: Copper plate TX-001-01



**2mm Copper Plates with 0.8 to 2.5mm Thickness and 100 to 600mm Width**

**Country of Origin:** China

**Key Specifications/Special Features:**

- Material: copper
- Shape: plate
- Thickness: 0.8 to 2.5mm
- Width: 100 to 600mm
- Grade: copper
- Cu: 99.9% (minimum)
- Alloy: non
- Ultimate strength:  $\geq$ MPa
- Elongation:  $\geq$ %
- Grades: C11000 and C12200

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If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you

Note: Please specify the product details with Model number (if any) and Catalogue number.



# Marine Steel wire rope

Catalogue Number: Rw 0001

Model Number: 6\*36+IWRC



## Product Details

Steel Grade: Steel

Standard: ASTM, DIN, JIS

Wire Gauge: 12-60mm

Place of Origin: Jiangsu China  
(Mainland)

Type: Galvanized

Application: Rope

Alloy Or Not: Is Alloy

Special Use: Free Cutting Steel

Model Number: 6\*36+IWRC

Brand Name: HI-SEA

Standards:: ASTM, DIN, GB, JIS

Material:: Steel

Application:: Marine

## Specifications

Steel wire rope:

1. Steel wire rope, 8\*7+1\*19; 7x7; 1\*19.
2. Best quality.
3. Different tensile strength.

## Steel wire rope:

### Marine Steel wire rope

We are a professional corporation in China which produces a variety of standards and types of non galvanized steel wire rope.

Name: non galvanized steel wire rope with black grease

1. Raw material: quality carbon steel, 60#, 65#, 70#, 72A, 82B
2. Standard: ISO, DIN, ASTM, JIS, etc.
3. Construction: 1X7, 1X19, 6X7, 7X7, 6X19, 7X19, 6X37, 7X37, 6X25, etc.
4. Range of products: High carbon spring steel wire, (Galvanized, non galvanized, coated PVC /PE) steel wire rope, hot dip galvanized steel wire rope, etc.

### Round strand rope, 6x7+Fiber Core (FC)

Rope $\Phi$ (mm)	Wire number	Weight (kg/100m)	MBL(KN)
2	42	1.43	2.35

3	42	3.22	5.29
4	42	5.72	9.41
5	42	8.94	14.70
6	42	12.90	21.10
<b>Round strand rope, 6×36+Fiber Core (FC)</b>			
<b>Rope Φ (mm)</b>	<b>Wire number</b>	<b>Weight (kg/100m)</b>	<b>MBL(KN)</b>
16	216	97.3	149.0
18	216	123.0	189.0
20	216	152.0	234.0
22	216	184.0	282.0
24	216	219.0	336.0

For more information, please contact us directly.

## Finishing wire rope, marine wire rope

Catalogue Number: Rw 0002



### Product Details

Standard: AISI, ASTM, BS, DIN, GB, JIS, Place of Origin: China

### Specifications

ISO9001, ISO14000 manufacturer of steel wire rope from 1.5MM to 60MM with competitive price, good quality and punctual delivery

Products Range:

\*High Carbon Spring wire, Piano steel wire, galvanized steel wire, Bearing steel wire

\*galvanized (Electro & hot-dip)/ungalvanized , Coated PVC/PE/NELOY steel wire rope

DIAMETER:

0.15MM to 12MM (STEEL WIRE)

1.5MM to 60MM (STEEL WIRE ROPE)

## 7x7 Marine SS Wire Rope

Catalogue Number: Rw 0003

Model Number: 316



### Product Details

Standard: AISI, ASTM, DIN, GB, JIS

Grade: 300 Series

Wire Gauge:  $\geq 0.36\text{mm}$

Length:  $\geq 1000\text{m}$

Application: construction, the cargo rope, motor ...

Certification: SGS

C Content (%): 0.028

Si Content (%): 0.068

Place of Origin: China

Brand Name: Tello stainless steel

Model Number: 316

material: stainless steel

structure: 7\*7

### Specifications

## 7x7 Marine SS Wire Rope

Surface: bright, PVC/nylon coated

Package: in roll with wood or plastic

Material: 201

304 0Cr18Ni9

304L 00Cr19Ni10

321 0Cr18Ni9Ti

316 0Cr17Ni12Mo2

316L 00Cr17Ni14Mo2 310S 0Cr25Ni20

Application: construction, the cargo rope, motor vehicle, washing machine, precision instrument and fishery, etc.

The list of stainless steel wire rope

construction	dia(mm)	tolerance	Apx Weight(kg/100m)	MBL/KN
1x7	0.3		0.05	0.075
	0.4	0/+0.08	0.08	0.133

	0.6		0.18	0.3
	0.8		0.32	0.533
	1		0.51	0.832
	1.2		0.73	1.198
	1.5		1.14	1.872
	1.8		1.64	2.696
	2		2.02	3.325
	2.5		3.16	5.201
	3		4.55	7.489
	4	0/+0.07	8.08	13.314
	0.8		0.31	0.53
	1		0.49	0.82
	1.5		1.11	1.85
	1.8	0/+0.08	1.6	2.67
	2		1.98	3.3
	2.5		3.09	5.16
1*19	3		4.45	7.43
	4		7.92	13.21
	5	0/+0.07	12.37	20.64
	6	0/+0.06	17.82	29.72
	8		31.68	52.85
	10	0/+0.05	49.6	82.58
	12		71.28	118.91
	5	0/+0.07	12.23	20.41
	6	0/+0.06	17.6	29.39
	8		31.3	52.25
	10		48.9	81.64
1*37	12		70.42	117.56
	14	0/+0.05	95.84	160.01
	16		125.18	208.99
	18		158.44	264.51
	20		195.6	326.56
	0.33		0.037	0.1
	0.36		0.054	0.15
	0.5		0.09	0.14
7*7	0.8		0.25	0.29
	1	0/+0.08	0.39	0.56
	1.2		0.56	0.81
	1.5		0.88	1.27

	1.8		1.27	1.83
	2		1.57	2.25
	2.5		2.45	3.52
	3		3.53	5.07
	4		6.28	9.01
	5	0/+0.07	9.82	14.09
	6	0/+0.06	14.14	20.29
	8		25.15	36.07
	10	0/+0.05	39.3	56.36
	12		56.59	81.16
	1.2		0.54	0.75
	1.5		0.85	1.17
	1.8		1.23	1.68
	2	0/+0.08	1.52	2.08
	2.5		2.38	3.25
	3		3.42	4.69
	4		6.09	8.33
	5	0/+0.07	9.52	13.03
	6	0/+0.06	13.71	18.76
7*19	7		18.66	25.54
	8		24.38	33.35
	10		38.1	52.12
	12		54.86	75.05
	14		74.67	102.16
	16	0/+0.05	97.53	133.43
	18		123.44	168.88
	20		152.4	208.49
	24		219.45	300.23
	26		257.55	352.35
	8		25.92	35.77
	10		40.5	55.89
	12		58.32	80.48
6*19S/W+IWRC	14	0/+0.05	79.38	109.55
	16		103.68	143.08
	18		131.22	181.09
	20		162	223.57
	8		26.75	35.77
6*36S/W+IWRC	10	0/+0.05	41.8	55.89
	12		60.19	80.48

	14		81.93	109.55
	16		107.01	143.08
	18		135.43	—
	20		167.2	—
	22		202.31	—
	24		240.77	—
	26		282.57	—
	28		327.71	—
	4		6.43	7.61
	5	0/+0.07	10.05	13.58
	6		14.47	19.56
	7	0/+0.06	19.69	26.62
	8		25.73	34.77
19*7	10		40.2	54.32
	12		57.89	78.22
	14	0/+0.05	78.79	106.47
	16		102.91	139.06
	18		130.25	176
	20		160.8	217.29

## PP Mooring Rope

Catalogue Number: Rnp 0004

Model Number:



### Product Details:

Origin: China

Standard: International Standard

Certificate: CCS, BV, CE, Dnv, Lr, ABS

Marine Parts: Marine Hardware

Material: Polypropylene

Use: Ship Docking, mooring and berthing

Type: Commercial Vessels

# Mooring Rope/Hawser/Marine Rope

Catalogue Number: Rnp 0005

Model Number:



## Product Description

HS Code: 5607909090

Marine Parts: Hawser

Material: Polypropylene, polypropylene multifilament, polyester, nylon, polyamide, dyneema etc

Structure: 3 strand, 6 strand, 8 strand, 12 strand, 16 strand, 24 strand, 32 strand, double braided

Advantages: Easy operation, low elongation, high strength, soft

Application: Marine ship, fish harvesting, harbor works, sci-tech in military, petroleum survey, cultural and physical training articles

Use: Mooring rope, hawser, mooring tail, mooring hawser, anchor rope, dock line

Karat Maxi Mooring rope/Deenyma Ropes/high performance mooring rope/Atlas mooring rope

8 strand Dan line supper polypropylene ropes/nylon hawsers/mooring tails/Mooring rope

Polypropylene mono-filament hawsers/polypropylene split-film hawsers/Mooring hawsers

Polypropylene multifilament ropes/polypropylene Mooring ropes/Nylon Mooring rope

Rope/Double Braid Rope/Nylon Rope/ATLAS Rope/PP Rope/PE Rope/3-Strand rope/8-Strand Rope

Nylon Double Braid Ropes/Polyester-Nylon Double Braid Ropes/chemical fiber rope

Polypropylene multifilament Double Braid Ropes/48-strand ropes/16-strand ropes

# Marine Rudder Horn

Catalogue Number: Rud 0001



## Product Details

Place of Origin: China, Brand Name: CSM, Application: marine, Material: Steel

## Specifications

Ship building Steel Casting parts-Marine Rudder Horn

Individual Weight: 0.5-300MT

ASTM A216, W-Nr.1.1120, or as your drawings

Ship building Steel Casting parts-Marine Rudder Horn

Individual Weight: 0.5-300MT

ASTM A216, W-Nr.1.1120, or as your drawings

Passed Identifications DNV, ABS, LR, BV, CCS & GL.

ASTM,EN,DIN,BS,GB,steel casting by Carbon steel & alloy.

NDE of UT & MPI based on ASTM & EN.

Picture Weight 74T, Maximum Unit Wt.300T.

Processed by pattern making, Smelting, Foundry, and Heat treatment & Machining.

Various Dimensions with capable of offered.

Mainly in Marine & Shipbuilding

# Marine rudder, balanced rudder

Catalogue Number: Rud 0002

Model Number: MDEE060-BR



## Product Details

Place of Origin: China, Model Number: MDEE060-BR, Part: marine rudder, balanced

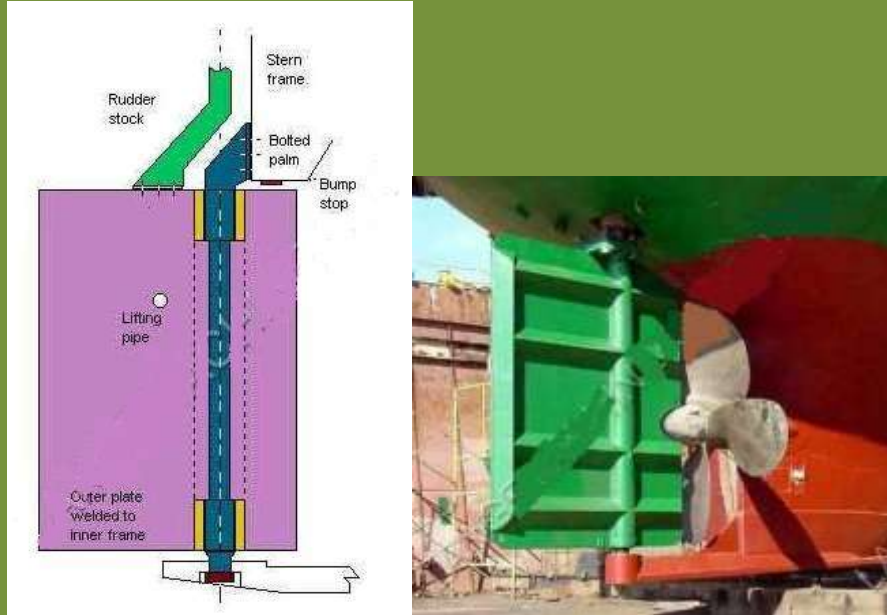
## Specifications

With the minimum turning effort, an balanced rudder would be more cost-effective and efficient.

A rudder so designed that the center of water pressure on the forward face, when turned,



Lies about halfway along the length, minimizing the turning effort required. The balanced rudder that is used to steer a ship; a common type has a vertical fin at the stern and able to move from 35 degrees port to 35 degrees starboard; rudders are characterized by their area, aspect ratio, and shape. The balanced rudder is widely used rudder especially in vessels engaged on short voyages, such as Ferries, Roll-on or Roll off ships. It is, however, not common in other types of vessels.



**The advantages of the balanced rudder are as follows:**

- 1 Minimum turning effort required
- 2 Easy to maintain and assemble
- 3 Higher reliability
- 4 Host-effective but longer wear life

# Roller upper marine rudder carrier CB\*789-87 type A

Catalogue Number: Rud 0003



## Product Details

Place of Origin: China, Brand Name: Cross Cover, Model Number: A, Part: marine rudder carrier rudder: Roller upper rudder carrier

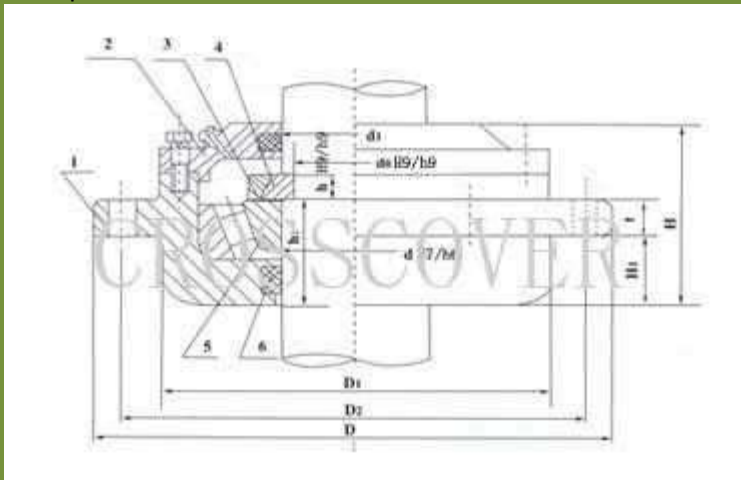
## Specifications

Roller upper marine rudder carrier CB\*789-87, It is suitable for small and medium vessels with upper and lower rudder construction

Type A light roller upper rudder carrier

Applied rudder pintle diameters 40-150mm

Example: A100CB789-87



Type	d mm	d0	d1	d3	D1	D2	t	h	h1	H	H1	Bearing GB286-84	Fasten bolt Qty Dia	Weight(kg)
A	40	40	34	39	200	108	170	14	10	36	60	22 7208	6 M12	6.1
	50	50	44	49	210	120	180	14	10	40	66	22 7210	6 M12	6.7
	60	60	54	59	230	140	200	15	10	44	70	25 7212	6 M12	8.2
	70	70	60	69	260	155	220	15	10	46	72	25 7214	6 M16	10.7
	80	80	70	79	290	180	250	18	12	49	79	25 7216	6 M16	15.7
	90	90	80	89	320	200	280	20	12	58	91	30 7218	6 M16	22.8
	100	100	90	98	340	220	300	20	12	65	94	34 7220	6 M16	25.3
110	110	100	108	360	240	320	20	12	69	98	34 7222	6 M16	30.2	

120	120	114	118	380	260	340	20	14	72	102	34	7224	6	M18	35.4
130	130	114	128	410	290	370	22	14	74	112	36	7226	6	M18	50.1
140	140	124	138	440	310	395	25	14	77	113	36	7228	6	M20	58.6
150	150	134	148	460	330	415	25	14	79	117	36	7230	6	M20	68.7

## Marine rudder blade 11MT

Catalogue Number: Rud 0004



### Product Details

Place of Origin: China

Brand Name: TAA

Model Number: OEM

Application: Marine parts

Material: Steel

Dimensions: OEM

Weight: 1-75 MT

Material: steel or iron

### Specifications

TAA cast marine parts

rudder blade, rudder pin, rudder pintle, hydraulic nut, rudder pintle seal, rudder pintle cover, rudder horn

1. **Process:** sand casting – furan resin sand molding
2. **Weight of single casting:** 1MT – 75 MT
3. **Material:** various steel and iron
4. **Standards:** ASTM, DIN, JIS, BS, GB
5. **Certificates:** ISO9001:2008, ABS, CCS, LR, GL, BV, RINA, KR, NK
6. **Inspection:** Spectrometer, Nondestructive testing (UT, MT, penetration test)
7. **Product scope according to application:**
  - 1) Wind power system
  - 2) Hydroelectric system
  - 3) **Shipbuilding industry** – Marine rudder/shaft/ sternpost system, such as rudder blade, rudder pintle, sternpost, and chain wheel, slag pot, etc.

# Marine Rudder

Catalogue Number: Rud 0005



## Product Details

Place of Origin: China, Application: marine, Material: Steel, Brand Name: CSM,  
Dimensions: As your specification

## Specifications

Ship building Steel Casting parts-Marine Stern Post

Individual Weight: 0.5-300MT

ASTM A216, W-Nr.1.1120, or as your drawings

TAA Marine casting with furan resin sand molding process (1MT- 50MT)

Marine rudder/shaft/sternpost products

- 1) Annual production capacity: 25 -30 thousand MT
- 2) Weight of single piece: 1MT-50MT
- 3) Technology: arc furnace smelting; furan resin sand molding process, CNC machining center, etc.
- 4) Products: Marine rudder/shaft/sternpost products

Special steel casting and iron casting

Large scale valve and pump parts

Large scale accessories for ships or wind power equipment

5) Certificates: ISO9001:2008, ABS, BV, GL, LR, CCS, DNV

6) OEM Service offered

Passed Identifications DNV, ABS, LR, BV, CCS & GL.

ASTM, EN, DIN, BS, GB, steel casting by Carbon steel & alloy.

NDE of UT & MPI based on ASTM & EN.

Picture Weight 60T, Maximum Unit Wt.300T.

Processed by pattern making, Smelting, Foundry, Heat treatment & Machining.

Various Dimensions with capable of offered.

Mainly in Marine & Shipbuilding

## Marine rudder shaft boat rudder stock

Catalogue Number: Rud 0006

Model Number: MDEE060-RS



### Product Details

Place of Origin: China, Model Number: MDEE060-RS, Part: rudder stock, steel castings: marine deck parts

### Specifications

We supply marine rudder shaft with high quality and best price.

## Marine Rudder Stock

Catalogue Number: Rud 0007



### Product Details

Place of Origin: China, Model Number: various, Part: rudder stock, surface treatment: as your requirement

### Specifications

Rudder stock is a part of rudder system. Tudor system includes rudder blade, rudder stock, rudder pintle, carriers, bearings and other accessories. It is a very important part of steering system. It makes sure the vessel change direction.

1. Materials: Stainless steel, Forged steel, Alloy steel.
2. Certificates: ABS, BV, DNV, GL, LR, NK, RINA, KR, CCS
3. Test: 100% Ultrasonic flaw detection test.

## Marine rudder stock forging

Catalogue Number: Rud 0008



### Product Details

Place of Origin: China, Part: rudder stock, forged shaft: forged steel shaft

### Specifications

1. Classification society (CCS, Lloyd's, BV, DNV, ABS).
2. Rudder system.

## Marine Rudder Stock

Catalogue Number: Rud 0009



### Product Details

Place of Origin: China, Part: marine rudder product, Service Lifetime: Long

### Specifications

Rudder Stock:

1. Manufacture as drawings,
2. competitive price.
3. Material: Alloy steel.
4. Certificates: ABS, BV, DNV etc

### Rudder Stock:

#### Marine Rudder Stock

Rudder Stock is a part of rudder system. Rudder system includes rudder blade, rudder stock, rudder pintle, carriers, bearings and other accessories. It is a very important part of steering system. It makes sure the vessel change direction.

1. Materials: Stainless steel , Forged steel, Alloy steel.
2. Certificates: ABS, BV, DNV, GL, LR, NK, RINA, KR, CCS
3. Test: 100% Ultrasonic flaw detection test.

# Hydraulic Steering Gear

Catalogue Number: SS 0001



## Product Description

Oscillating hydraulic type steering gear/engine is: The operation is convenient; the line conjunction is simple, line need not to link to the driver's cab. So the system can save more material and man-hour and leak tightening. The figure is small in dimension and the weight is lighter. We also use two suits (normal and emergency) electro hydraulic operation device, so the function is safe and reliable.

16-500 kn. M oscillating hydraulic type steering gear/engine consist of 1 rudder thrust mechanism made by 2 piston type cylinder, 2 sets oil pump, 1 reserve tank, water inland jet stream zone should add 1 set of emergence pump and 1 set of pressure accumulator or 1 set of direct-current motor pump to reach the require of CCS. The control ways have electronic control, pump control or manual control. It can cooperate with all kinds of automatic steering or follow-up steering device

400-1000 kn. M oscillating hydraulic type steering gear/engine consist of 1 rudder thrust mechanism made of 4 piston type oil cylinder, 2 sets of oil pump tank, 1 reserve tank, can use electronically control or pump control. It can cooperate with all kinds of automatic steering or follow-up steering device. According to the clients need the 4 steering gear can work together or work as 2 teams. When one steering gear invalid, client can separate the invalid one to make sure the steering. It widely used on large sized marine vessels, tankers, liquefied gas carriers, chemical carriers etc which need high safety vessels.

6.3-30 kn. M oscillating hydraulic type steering gear/engine is consist of 1 rudder thrust mechanism made of 2 piston oil cylinder, 2 sets oil pump, 1 reserve oil tank, 1 operation desk. It can use steering wheel or magnetic valve to control the steering. When power invalid the emergency can be used. It widely used on water inland jet stream zone, none jet stream zone, fishing boats, small sightseeing boats.

320-1000 kn. M the reciprocating fork type electronic hydraulic steering gear/engine is consist of 2 sets reciprocating fork type rudder thrust mechanism, 2 sets oil motor pump tank, 1 reserve oil tank. Can use

electronically control or pump control. It can cooperate with all kinds of automatic steering or follow-up steering device. According to the clients need the 2 steering gear can work together or single work. When one steering gear invalid, client can separate the invalid one to make sure the steering. It widely used on large sized marine vessels, tankers, liquefied gas carriers, chemical carriers etc which need high safety vessels.

10-500 kn. M the reciprocating fork type electronic hydraulic steering gear/engine is consist of 1 set reciprocating fork type rudder thrust mechanism, 2 sets oil motor pump tank, 1 reserve oil tank. It widely used on water inland jet stream zone, none jet stream zone, sail line boats. When in water inland jet stream zone under 16 kn. M steering gear should add 1 set of pressure accumulator, above 16kn. M should add 1 set of direct-current motor pump to reach the require of CCS. Can use electronically control or pump control, manual diverter valve control and steering control. It can cooperate with all kinds of automatic steering or follow-up steering device

25-1000 kn. M vane type hydraulic steering gear/engine is consist of 1 set vane type rudder thrust mechanism, 2 sets oil motor pump, 1 reserve oil tank. It compact conformation, little plant area, easy installation. The max angle of helm can be 65° , widely used on none jet stream zone marine vessels. Can use electronically control or pump control. It can cooperate with all kinds of automatic steering or follow-up steering device.

Certification: ABS, Dnv, Nr, CCS etc

Material: Alloy

Type: Steering Gears/Shaft

More products

Marine Bow Thruster

Azimuth Thruster

Quick Release Mooring Hook

Marine Intermediate Bearings

## Autopilot

Catalogue Number: SS 0002

Model Number: CP-1106 autopilot-0215



### Product Description

Autopilot with Compass for Navigation Equipment, with Self-tuning Adaptation and Digital Interface

Country of Origin: China

### Key Specifications/Special Features:

- Completely digital control system



- Associated with automatic, follow-up, manual control modes
- Suitable for ships of any size
- With the function of self-tuning adaptive, digital interface for compass, VDR interface, microcomputer operation panel
- Works perfectly by the two independent rudder control systems (two motors controlled by two channels)
- Highly stable and reliable, easy maintenance
- MCU uses SIMATIC products
- High-standardized serial ports for compass
- Easily changeable LCD indicator being installed
- A basic configuration with single follow-up and double follow-up for single rudder
- Comprising a FU hand wheel, an NFU tiller, a rudder angle feedback unit, a steering mode selector, a ship steering alarm module and a ship steering alarm module and a ship steering control unit
- Rudder limit systems or steering failure system are offered for additional safety

## Autopilot Hydraulic Steering Gear

Catalogue Number: SS 0003

Model Number:



### Product Description

Hydraulic steering gear automatic navigation of ships in the 21st century of modern navigation equipment, digital circuits course and rudder angle displays, military grade IC structure, GPS revised course, the use of comfortable, time-saving, fuel-efficient, suitable for operating in high seas fishing vessel, ocean-going cargo ships and other vessels.

## Steering Engine

Catalogue Number: SS 0004



### Product Description

Origin: China

Marine Parts: Steering Engine

We can produce according to your design.

Please provide your detailed specifications or boat information and we will quote to you based on your information.

## Propeller dynamic balancing machine

Catalogue Number: SS 0005

Model Number: PHQ-160



### Product Details

Place of Origin: China

Power: Electronic, Usage: Balancing Machine, output power: 1.3/1.8KW

### Specifications

Propeller dynamic balancing machine

Safe & easy operation

Advanced measuring unit

Universal application

quickly exchange rotor

1. Equipped with professionally designed bracket is solid and reliable and can transmit mechanical force with low vibration damping and high rigidity.
2. Equipped with durable, reliable, sensitive and good linearity sensor.
3. The machine calibrated once can be effective until the next calibrating and the high precision is available and higher unbalance amount is permitted.
4. Belt-driving makes the balancing more precise and operation easier.
5. Equipped with advanced Electronically Test System and friendlier Man-machine Conversation interface and more complete functions are available.
6. Modular design, wide application.

**Details:**

PHQ series is more applicable for the dynamic balancing of the axis rotors, such as the motor rotor, pump fans, centrifuge rotor, air-conditioner rotor, blower rotor, and propeller. Axis rotor of machine tool rotor of internal-combustion engine etc.

Driven by belt avoids the inaccuracy caused by the clamp and makes the operation easier and brings higher precision. It is widely used for motor, fans, pump, thread spinner, internal-combustion engine, machine tool, automobile accessories, paper making, printing and aviation industries etc..

For perfect balance, the machine is equipped with new different Test System conformed to the different balancing. Both the old and the new Test Systems have same working principle. And there are more functions available from the new ones, such as Chinese and English Conversation, Automatic Measuring, Techniques Algorithmic, Light Needle Indication, Automatic Positioning, Data Recording, Printing Report, Connecting to the Internet and other functions.

Specifications	Parameters
Max Mass of Work piece (kg)	160
Max Diameter of Work piece (mm)	1000
Distance between Two Support Bearings (mm)	150--1200
Journal Diameter Scope of Work piece (mm)	10~140
Diameter Scope of Driving Belt (mm)	30~350
Rotation Speed when the Diameter of Driving Belt is 100mm (r/min)	798/1274/1596/2548
Motor Power (kw)	1.3/1.8
Min Achievable Residual Unbalance Amount (emar)	0.5g· mm/kg

# Propeller Dynamic Balancing Machine

Catalogue Number: SS 0006

Model Number: PHZ-50



## Product Description

HS Code: 90311000

Origin: China

Propeller Dynamic Balancing Machine (PHZ-50)

Global balancing is a newly-developed concentration in recent years. It is widely adopted in the balancing process of the machine tool spindles, motor assembly, and propeller. Cooling fans, air-conditioner fans, fan heaters, lampblack absorbers, Hard-Disk Drive of computers.

Function Introduction:

Mainly used to do global balancing for serpentine pipe blowers, the PHZ series pays full attention to balancing accuracy, eliminates the unbalance amount caused by inaccuracy of the work piece's assembly and accessories.

The well-designed mechanical module helps to do quick and precise balancing.

The measuring unit employs JP-580 Electrical Measuring unit is a system of top function and precision. It can be applied in all kinds of single/double plate and hard/soft bearing machines, and can be connected with different velocity and pressure sensors easily. The unit adopts industrial computer, which equipped with 17-inch LCD screen and Windows XP Operating System. Featuring with high running speed and reliability strong dustproof and shake proof ability, it is applicable to various industrial environments.

*\*\* If you are interested in any of our equipments which are not listed in this catalogue please let us know we also can arrange different styles of you need!*

*If you have any query, suggestion or any kind of feedback, please feel free to contact us by e-mail or on telephone. We are hoping to hear from you*

**Note:** *Please specify the product details with Model number (if any) and Catalogue number.*



## **Catalogue**

### **Marine Store**

Web Edition, 2012

17/3 City Heart (16th Floor)

67 Naya Paltan, Dhaka-1000

Bangladesh