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FOCUS ON SAFETY
CATALOGUE

ECOTECH MARINE SERVICE CO.,LTD.



ISO 9001 : 2015



COMPANY PROFILE

We are the professional of service calibration for cargo equipment and tools perform to service, repairs, supply and marine consultants, including ship's management., ETC

ECOTECH MARINE SERVICE



ABOUT US

marine business are providing by our work scope is below:

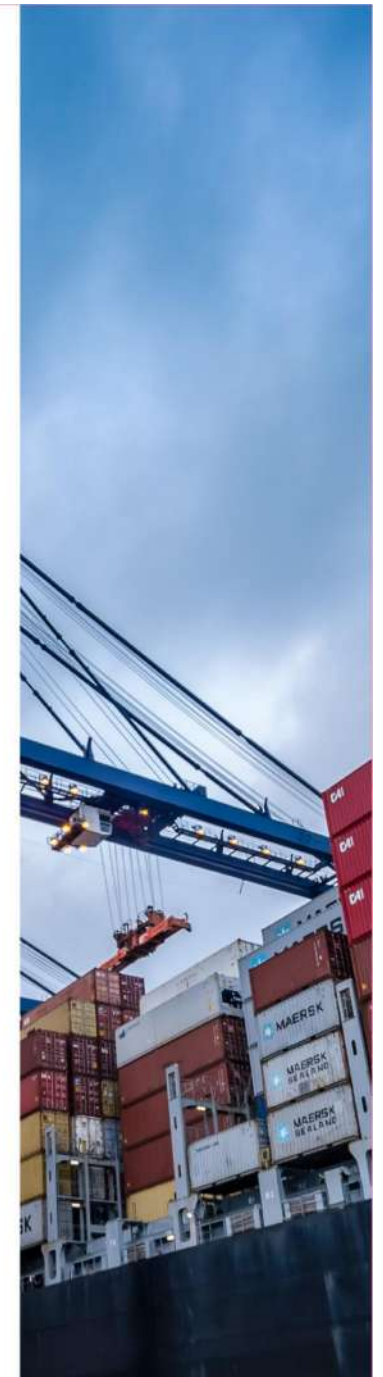
Service & Calibration more than 25 years of experience in the marine



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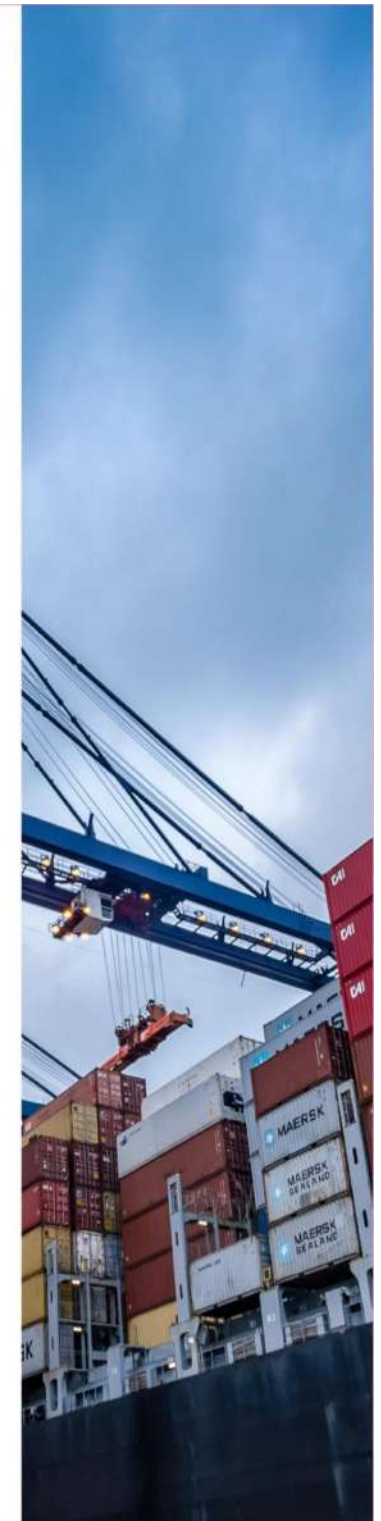
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IMMERSION SUIT

- ◆ Main material: Neoprene (Thickness:5mm)
- ◆ Design: Designed to be worn in conjunction with a lifejacket
- ◆ Highlights: High visible fluorescent green fabric, with five-finger rubber gloves. It is also equipped with removable three-finger neoprene gloves
- ◆ Reflective tape: 400CM² SOLAS Reflective tape
- ◆ Thermal Performance: The suit does not allow the body temperature to drop by more than 2 degrees when immersed for a period of 6 hours when the water temperature is between 0 and 2 degrees
- ◆ Each suit satisfies SOLAS 1974 and its latest amendments. After the production is completed, the air tightness test will be done, and only after it is qualified can it be packaged and sold



Immersion Suits Insulated "RSF-IV"

SPECIFICATIONS	Adult	Adult	Adult	Adult
SIZE	Small	Medium	Large	Extra large
SOLAS				
HEIGHT RANGE(mm)	1500-1650	1650-1800	1800-1950	1950-2050

IMMERSION SUIT

Rubber gloves are available on demand and suitable with RSF-IV



Test Kit For Immersion Suit

- ◆ Use air pump or external gas source, test the immersion suits air tightness by inflating gas to it, repair the air leakage part
- ◆ Tools composition:
 1. 2 pcs face fixture, 1 pc pressure gauge, 1 set valve connection, 1 pc hand pump
 2. 1 pair Patch Fabrics, 1 pc glue, 1 pc scissors, 1 pc hairbrush, 1 pc chalk



IMMERSION SUIT

RSF-II / RSF-III



- ◆ Main material: CR Neoprene (Thickness:5mm)
- ◆ Design:RSF-II is designed to be worn WITHOUT a lifejacket
RSF-III is designed to be worn in conjunction with a lifejacket
- ◆ Size: S, M, L & XL
- ◆ User height: 1500-2050mm
- ◆ Gloves: Three fingers neoprene gloves
- ◆ Each suit satisfies SOLAS 1974 and its latest amendments. After the production is completed, the air tightness test will be done, and only after it is qualified can it be packaged and sold

Model	Color	Size	Size for height (ft) (mm)
RSF-II	Red	S	1500-1650 4.9-5.4
RSF-II	Red	M	1650-1800 5.4-5.9
RSF-II	Red	L	1800-1950 5.9-6.4
RSF-II	Red	XL	1950-2050 6.4-6.7
RSF-III	Red	S	1500-1650 4.9-5.4
RSF-III	Red	M	1650-1800 5.4-5.9
RSF-III	Red	L	1800-1950 5.9-6.4
RSF-III	Red	XL	1950-2050 6.4-6.7



IMMERSION SUIT

Child Immersion Suit

- ◆ Comply with SOLAS MED regulations
- ◆ Main material: CR Neoprene (5mm thickness)
- ◆ Design: Additional lifejacket required
- ◆ Gloves: Three finger Neoprene gloves
- ◆ Available size: Child
- ◆ Thermal protective: The suit also provide thermal protection
Waterproof storage bag included



Immersion suit storage box

- ◆ Size: 1200 * 600 * 600 mm
- ◆ Material: Stainless steel
- ◆ Can be customized



INFLATABLE LIFE JACKET

RSY-150TS-2



The inflatable lifejacket Twin Chamber is designed to meet the SOLAS 2010 regulations according to MSC 81(70) as amended by MSC 200(80) and MSC 207(81). The lifejacket is both easy to don and comfortable. It is a universal adult size suitable from a minimum weight of 43kg and will fit a maximum chest size of 1750mm

- 1.150N Twin chamber SOLAS approved lifejacket
- 2.Suitable for use with most Immersion and abandonment suits
- 3.Uses 2 x 33g cylinders on symmetrical inflation chambers
- 4.Heavy duty 400D cover
- 5.One size fit all adult size
- 6.Available in Hammar/UML/china inflation
- 7.Crotch strap added for safe
- 8.SOLAS approval lifejacket light optional
- 9.Waist adjusters
- 10.Velcro tape easy for releasing



INFLATABLE LIFE JACKET

RSY-275S



The inflatable lifejacket Twin Chamber is designed to meet the SOLAS 2010 regulations according to MSC 81(70) as amended by MSC 200(80) and MSC 207(81). The lifejacket is both easy to don and comfortable. It is a universal adult size suitable from a minimum weight of 43kg and will fit a maximum chest size of 1750mm.

- 1.275N Twin chamber SOLAS approved lifejacket
- 2.Suitable for use with most Immersion and abandonment suits
- 3.Uses 2 x 60g cylinders on symmetrical inflation chambers
- 4.Heavy duty 400D cover
- 5.One size fit all adult size
- 6.Available in Hammar/UML/china inflation
- 7.Crotch strap added for safe
- 8.SOLAS approval lifejacket light optional.
- 9.Waist adjusters
- 10.Velcro tape easy for releasing.



INFLATBLE LIFE JACKET

RSY-150BD



- ◆ Chamber:Single
- ◆ Buoyancy: ≥150N
- ◆ Weight: ≤1 Kg
- ◆ Inflation time: ≤5seconds
- ◆ Float duration:≥24 hours
- ◆ Inflation method: Automatic&Manual
- ◆ Buoyancy loss after 24h: ≤ 5%
- ◆ Ambient temperature for use: -30°C~+65°C



RSY-150BS



- ◆ Chamber:Single
- ◆ Buoyancy: ≥150N
- ◆ Weight: ≤1 Kg
- ◆ Inflation time: ≤5seconds
- ◆ Float duration:≥24 hours
- ◆ Design:Crotch strap
- ◆ Inflation method: Automatic&Manual
- ◆ Buoyancy loss after 24h: ≤ 5%
- ◆ Ambient temperature for use: -30°C~+65°C



RSY-150TS-1



- ◆ Chamber: Twin
- ◆ Buoyancy: ≥150N
- ◆ Weight: ≤1 Kg
- ◆ Inflation time: ≤5seconds
- ◆ Float duration:≥24 hours
- ◆ Inflation method: Automatic&Manual
- ◆ Buoyancy loss after 24h: ≤ 5%
- ◆ Ambient temperature for use: -30°C~+65°C



INFLATBLE LIFE JACKET

Inflatable lifebuoy

- ◆ Buoyancy: > 100N
- ◆ Weight: < 0.6kg
- ◆ Inflation time: less than 5seconds
- ◆ Float duration: more than 24 hours
- ◆ Buoyancy loss after 24h: less than 5%



RSY-150 Series

Optional color for cover					
Red	Blue	Yellow	Black	Silver	Camouflage



RSNH-1

- ◆ Size: 320*550*80cm
- ◆ Buoyancy: ≥100N
- ◆ Suitable Weight: 43-140kg



LIFE JACKET



RSCY-A4/A5



Soft collar and adjustable belt for easy donning fabric select high-strength polyester oxford, buoyancy material is EPE closed-cell foam It is equipped with lifejacket light, whistle, buddy line and lifting loop. Ergonomically tailored for maximum safety and performance with a host of outstanding design features

- ◆ CCS and EC approved
- ◆ Minimum buoyancy of 150N
- ◆ Vest type
- ◆ Good in-water performance
- ◆ Comes with Whistle ,buddy line, and lifting loop in a contrasting color
- ◆ Easy for donning
- ◆ High visibility fabric, foam and webbing are a proven success in the field
- ◆ Buoyancy loss will less than 5% after 24 hours
- ◆ SOLAS approved emergency light alternative

LIFE JACKET

RSCY-A3/A9



- ◆ Minimum buoyancy of 275N/150N.
- ◆ Fold type
- ◆ Efficient use of storage space, smaller than normal one.
- ◆ Good in-water performance.
- ◆ Comes with Whistle ,buddy line, and lifting loop.
- ◆ Easy for donning.
- ◆ Buoyancy loss will less than 5% after 24 hours.
- ◆ SOLAS approved emergency light alternative.



RSYY-1



- ◆ Minimum Buoyancy of 65N
- ◆ Yoke Vest type
- ◆ Good in-water performance
- ◆ Comes with Whistle ,buddy line, and lifting loop in a contrasting color
- ◆ Quick and Easy for donning
- ◆ High visibility fabric, foam and webbing are a proven success in the field
- ◆ Buoyancy loss will less than 5% after 24 hours
- ◆ SOLAS approved emergency light alternative



LIFE JACKET

RSCY-A6



- ◆ Minimum buoyancy of 150N
- ◆ Vest type
- ◆ Good in-water performance
- ◆ Waist belt designed to fit chest girth of 1750mm
- ◆ Easy for donning
- ◆ Highly visible colour with solas approved retro reflective tape
- ◆ Buoyancy loss will less than 5% after 24 hours
- ◆ SOLAS approved emergency light alternative



RSCY-A7



- ◆ Minimum buoyancy of 150N
- ◆ Yoke Vest type
- ◆ Good in-water performance
- ◆ Comes with Whistle ,buddy line,and lifting loop in a contrasting color
- ◆ Easy for donning
- ◆ High visibility fabric, foam and webbing are a proven success in the field
- ◆ Buoyancy loss will less than 5% after 24 hours
- ◆ SOLAS approved emergency light alternative



RSCY-A8



- ◆ Minimum buoyancy of 150N
- ◆ Yoke Vest type
- ◆ Good in-water performance
- ◆ Comes with Whistle ,buddy line,and lifting loop in a contrasting color
- ◆ Easy for donning
- ◆ Highly visible colour with solas approved retro reflective tape
- ◆ Buoyancy loss will less than 5% after 24 hours
- ◆ SOLAS approved emergency light alternative
- ◆ Waist belt designed to fit chest girth of 1750mm



LIFE JACKET

RSEY-1



- ◆ Minimum buoyancy of 75N
- ◆ Yoke Vest type
- ◆ Good in-water performance
- ◆ Comes with Whistle ,buddy line,and lifting loop in a contrasting color
- ◆ Quick and Easy for donning
- ◆ High visibility fabric, foam and webbing are a proven success in the field
- ◆ Buoyancy loss will less than 5% after 24 hours
- ◆ SOLAS approved emergency light alternative



RSEY-2



- ◆ Minimum Buoyancy of 88N
- ◆ Yoke Vest type
- ◆ Good in-water performance
- ◆ Comes with Whistle ,buddy line,and lifting loop in a contrasting color
- ◆ Quick and Easy for donning
- ◆ High visibility fabric, foam and webbing are a proven success in the field
- ◆ Buoyancy loss will less than 5% after 24 hours
- ◆ SOLAS approved emergency light alternative



RSY-150C



- ◆ Chamber:Twin chamber
- ◆ Buoyancy: ≥150N
- ◆ Weight: ≤1.5 Kg
- ◆ Inflation time: ≤5seconds
- ◆ Float duration: ≥24 hours
- ◆ Design:Crotch strap
- ◆ Inflation method: Automatic&Manual
- ◆ Buoyancy loss after 24h: ≤ 5%
- ◆ Ambient temperature for use: -30°C~+65°C



LIFE JACKET

RSKY-1

- ◆ Minimum buoyancy of 75N
- ◆ Work Vest type
- ◆ Good in-water performance
- ◆ Quick and Easy for donning
- ◆ High visibility fabric, foam and webbing are a proven success in the field
- ◆ SOLAS approved emergency light alternative



PVC Work life jacket

- ◆ Buoyancy Material: NBR foam
- ◆ Buoyancy: ≥150N
- ◆ Weight: ≤0.5kg
- ◆ Three separate parts Each size: 32*23*4.5cm



RSKY-4

- ◆ Minimum buoyancy of 75N
- ◆ Work Vest type
- ◆ Soft foam to make worker comfortable
- ◆ Quick and Easy for donning
- ◆ High visibility fabric, foam and webbing are a proven success in the field
- ◆ SOLAS approved emergency light alternative



LIFE JACKET

- ◆ Minimum buoyancy of 100N
- ◆ Bright color contrast design, two pockets on the front
- ◆ Work vest type, quickly donning
- ◆ SOLAS approved emergency light alternative



- ◆ Minimum buoyancy of 75N
- ◆ Work vest type, quickly donning
- ◆ Good in-water performance
- ◆ SOLAS approved emergency light alternative



- ◆ Material outside: NBR Rubber
- ◆ Material inside: EPE foam
- ◆ With zipper & buckle & whistle
- ◆ With SOLAS reflective tape



LIFEJACKET LIGHT

RSYD-A/RSYD-A1

- ◆ Comply with SOLAS 1974 and latest amendment
- ◆ Manual switch
- ◆ Illuminant: LED (Flash)
- ◆ Flare time: more than 8 hours
- ◆ Luminous Intensity: more than 0.75cd
- ◆ Battery: Lithium battery



RSYD-A2

- ◆ Comply with SOLAS 1974 and latest amendment
- ◆ Manual switch and water automatic
- ◆ Illuminant: LED (Flash)
- ◆ Flare time: more than 8 hours
- ◆ Luminous Intensity: more than 0.75cd
- ◆ Battery: Lithium battery CR123A



RSYD-A3

- ◆ Comply with SOLAS 1974 and latest amendment
- ◆ Manual switch and water automatic
- ◆ Illuminant: LED (Flash)
- ◆ Flare time: more than 8 hours
- ◆ Luminous Intensity: more than 0.75cd
- ◆ Battery: Lithium battery CR123A



RSYD-EX

- ◆ Comply with SOLAS 1974 and latest amendment
- ◆ Manual switch and water automatic
- ◆ Illuminant: LED (Flash)
- ◆ Flare time: more than 8 hours
- ◆ Luminous Intensity: more than 0.75cd
- ◆ Battery: Lithium battery CR123A
- ◆ Have explosion-proof function



Professional Man Over Board Device Incorporating Both AIS And position Beacon(RS-MOB-1)

Product Overview

The product is a beacon developed for personal positioning applications. It can be used for personnel reporting position under normal conditions, and can be used as a radio device for distress alarms in emergency situations. It provides AIS location information identification under personal falling water conditions to ensure personal safety .



设备特点



AIS Launch function



Beidou/GPS dual-mode positioning function



With reporting position and alarm functions



Built in lifejacket, no deployment, no operation



5 years battery life



Long work time



Automatic activation while falling water



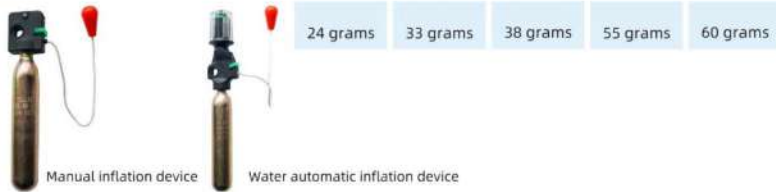
High performance waterproof

INFLATABLE LIFEJACKET ACCESSORIES



Inflatable Lifejacket Protective Work Cover

Provides shielding against heat, sparks, flame, soft chemicals
 Easy fit/Simple to use design
 Lightweight fabric
 Does not affect the operation, behaviour & water performance of the protected lifejacket



Manual inflation device

Water automatic inflation device



UML automatic inflation device

UML automatic inflation device with windows



Whistle
 EN ISO 12402-8



Retro reflective tape 5CM*50M
 CCS/EC approval

COVERALL



Working Coverall Suit

- ◆ Fabric: Cotton blend
- ◆ Suit with reflective tape pockets



Split Work Suit

- ◆ Fabric: Cotton blend
- ◆ Suit with pockets, and it has anti-static function



Reflective safety vest

- ◆ Fabric Material: 120gsm 100% Polyester fabric
- ◆ Color: Orange/Green
- ◆ Application: Construction, utility school crossing, parking lots, traffic and so on

LIFEBUOY

Lifebuoy

- ◆ Model Number: RS5555-I/RS5555-II
- ◆ Weight: 2.5kg/4.3kg
- ◆ Color: Orange
- ◆ The Shell Material: HDPE
- ◆ Filler: rigid polyurethane
- ◆ The Out Diameter: 720mm±20mm
- ◆ The Inside Diameter: 440mm±20mm



Lifebuoy Floating lifeline

Rope size: $\phi 8\text{mm} \times 30\text{m}$ length
Rope material: Polypropylene



Lifebuoy Floating lifeline

1. Rope diameter: 8mm
2. Length: 30meter & 50meter
3. Material: Polypropylene
4. fixed on lifebuoy

LIFEBUOY

Lifebuoy storage box

Material: Glass reinforced plastics
Size: Diameter: 92cm , Height: 19cm
Weight: 16 kg



Lifebuoy quick release device

- ◆ Material: Fiber Reinforce Plastic
- ◆ One set contain two pieces, each board include one

Lifebuoy bracket

1. Material: Iron covered with spray paint/Stainless steel
2. Width: 58cm
3. Height: 67cm
4. Y type, suitable to both 2.5kgs and 4.3kgs lifebuoy



LIFEBUOY LIGHT



RSQD-2



- ◆ Lifebuoy Light SOLAS/MED approved More than 2.0 cd in all directions of the upper hemisphere for a period of at least 2h
To be used with 1 unit #1 alkaline battery



RSQD-2



- ◆ Lifebuoy Light SOLAS/MED approved More than 2.0 cd in all directions of the upper hemisphere for a period of at least 2h
To be used with 1 unit #1 alkaline battery



RSQD-1



- ◆ Comply with SOLAS 1974 and its amendment
- ◆ Working Time: ≥2 hours
- ◆ Illuminant: LED
- ◆ Luminous intensity: >2 cd
- ◆ Flash Frequency: 50-70 times/min
- ◆ Battery: Lithium battery
- ◆ Validity: 3 years

LIFEBUOY LIGHT



RSQD-EX



- ◆ Comply with SOLAS 1974 and amendment
- ◆ Flare time: more than 2 hours
- ◆ Illuminant: LED
- ◆ Luminous Intensity: more than 2.0 cd
- ◆ Flash Frequency: 50-70 times/minute
- ◆ Battery: Lithium battery
- ◆ Validity: 3 years

FIREMAN SUIT

The Fireman Suit is a two-piece garment with a four-layer construction. The outer shell is Nomex one type of Meta-aramid .The second layer is a waterproof breathable membrane. The third layer is an meta-aramid/para-aramid felted thermal barrier and the fourth layer is a aramid lining. The jacket has a stand up collar, elasticated cuffs, and is closed by a zip covered by an overlapping front with touch and close fastening to the front and collar. The trousers have wide elasticated braces with adjusters and quick-release buckles. Optional helmet,gloves,boots can be fitted as well.



Fireman Belt

- ◆ Size: 140*76mm
- ◆ Material: Polyester

- ◆ Parts: Galvanized iron



Fireproof Lifeline

- ◆ Material: Wire rope
- ◆ Size: ϕ 4mm*30M
- ◆ Break Strength: 3.5KN

- ◆ Main Material: Flame resistant fabric
- ◆ Color:Dark blue
- ◆ Layer:4 layers
- Flame Resistant Fabric:Cross grain
- Waterproof layer:Flame felt PTEE coated
- Thermal Proof Layer:Aramid
- Comfort Layer:Tabby
- ◆ After Flame Time:s2s



Fireman Helmet



Fireman Boots



Self-Contained Positive Pressure Air Breathing Apparatus



RHZK6-S/RHZK6.8-S

Comply with SOLAS 1974, as amended

Applicable environment: 30 °C ~ 60 °C, relative humidity 0 ~ 100%,

atmospheric pressure: 70 kpa to 125 kpa

Main components: High-pressure cylinders, cylinder valve, pressure reducer, quick connectors, supply valve, full face mask, electronic pressure alarm, backboard, etc.

◆ Open back plate for good ventilation and low weight

◆ Easy to handle and adjustable cylinder strap

◆ Comfortable and easy to use, with low breathing resistance on and off air

◆ Mask and demand valve in a compact connection

◆ Electrical pressure gauge supply audible alarm and visual funtion

◆ HUD is optional



Model	Cylinder Material	Cylinder Volume	Gas Storage Capacity	Working Time	Working Pressure	Approval
RHZK6-S	Alloy steel	6L	1800L	55-60min	300bar	CCS/EC
RHZK6.8-S	Carbon fiber composite	6.8L	2040L	60-65min	300bar	CCS/EC

SCBA Accessories



Electronic Pressure Gauge



Electronic Pressure Gauge-Digital Display



Pressure Gauge and Alarm Device



HUD



Bone Conduction Communication Unit



Portable Walkie Talkie



Mask



Demand Valve



Pressure Reducer Unit

SCBA Accessories

Cylinder Valve

No.	1	2	3
Thread Specification	M10*1	M18*1.5	G5/8



Cylinder Pressure Tester

Connection Thread	Pressure Gauge
G5/8	0~400bar



Cylinder Assembly

Type	Cylinder Material	Cylinder Volume	Gas Storage Capacity
RHZK-6	Alloy steel	6L	1800L
RHZK-6.8	Carbon fiber	6.8L	2040L



EMERGENCY ESCAPE BREATHING DEVICES

THRS - 15



Comply with SOLAS 1974, as amended
Use for people when emergency escape, it is a high-performance personal respiratory protective equipment to protect them

Working Principle: Reduce the high pressure gas to medium pressure gas into 0.6~0.9 Mpa in the cylinder, flow to hood for human respiratory

- ◆ Used for emergency escape from any confined spaces
- ◆ Fast air supply system
- ◆ Compressed breathing air technology
- ◆ Easy to refill cylinder, no adaptor required



Hood

Cylinder Valve

Thread Specifications: M18x1.5
Pressure Gauge: 0~30Mpa



FIREMAN OUTFIT ACCESSORIES



Fireman Helmet



Fireman Gloves



Fireman Boots



Fireman Axe

Size: 265*155mm
Rubber Handle Length: 151mm



Explosion-proof lights
Battery: 6x D-Cell batteries
Material: Aluminum alloy shell
Light Source: Photoelectric beads 7.2V 0.5A
Light Intensity: 10 meters
130LX



Explosion-proof lights
Brand Name: WOLF
Explosion-proof Grade: IP67



Fireproof Lifeline (Hemp rope)
Length: ≥30M Diameter: 4mm
Material: outside: Hemp
Rope Inside: Wire rope
Break Strength 3.5KN



Material: FRP
Fireman outfit box



FIRE ACCESSORIES



Fire Hose
Diameter: 40/50/65mm

Fire Hose Coupling
Diameter: 40/50/65mm
Type: Nakajima Type, Storz Type,
ANSI Type, JOHN Type



Fire Hose Nozzle

◆Diameter: 40/50/65mm
◆Type: Nakajima Type,
Storz Type, ANSI Type,
JOHN Type



Spanner
◆Diameter: 40/50/65mm



International Shore Connection
Diameter: 40/50/65mm



Cap
Diameter: 40/50/65mm

FIRE ACCESSORIES



Fire Hydrant
Diameter: 40/50/65mm



Fire Blanket
Material: Fibre glass
Size: 120*180CM/150*200CM/180*180CM



Fire Bucket
Material: Iron



Long Handle Fire Axe
Size: 934*156mm

Portable Foam Applicators
Working Pressure: 0.25-0.5Mpa
Volume (bucket) : 20L
Jet Distance: ≥20meter
Material: Stainless steel



LIFERAFT

Type A Throw-over Type Inflatable Liferaft

Suit for the vessels sailing on the sea
SOLAS 1974/1996,LSA,MSC.81(70),MSC218(82)



type	A6	A10	A12	A15/16	A20	A25	A30	
Rated person	6	10	12	15/16	20	25	30	
Physical forms	Regular octagon			Regular twelve-side	Longeigh-side			
Length(mm)	2160	2730	2935	3405	4280	4700	5535	
Width(mm)	2160	2730	2935	3405	3080	3450	3380	
Height(mm)	1350	1450	1450	1500	1650	1850	1800	
Canister Pack(mm)	A pack Φ670 x1080	B pack Φ970 x1080	A pack Φ610 x1100	B pack Φ570 x1080	A pack Φ610 x1100	B pack Φ565 x1150	A pack Φ720 x1300	B pack Φ685 x1150
Weight <kg>	75	63	88	73	110	78	130/130	95/95
High→Height<kg>	75	64	100	75	112	80	133/133	98/98

Type D Davit-launched Type Inflatable Liferaft

Suit for the vessels sailing on the sea



Type	D15	D16	D20	D25
Rated person	15	16	20	25
Physical forms	Regular ten-side			Long twelve-side
Length(mm)	3400	3400	3825	4530
Width (mm)	3400	3400	3825	3730
Height (mm)	1750	1750	1700	1900

LIFERAFT

Type K Open Reversible Inflatable Liferaft

Suit for the vessels sailing on the sea
SOLAS 1974/1996,LSA,MSC.81(70),MSC218(82)



Type	Rated person	Physical forms	Length (mm)	Width (mm)	Height (mm)	Canister Pack (mm)	Canister Length (mm)	Weight (Kg)
K50	50	正十二边形	5900	5900	860	730	1495	≤180
K65	65	正十六边形	6520	6520	920	730	1495	≤210

Type ASR Throw-over & Self-Righting Inflatable Liferaft

Suit for the vessels sailing on the sea
SOLAS 1974/1996,LSA,MSC.81(70),MSC218(82)



type	ASR6	ASR10	ASR12	ASR15/16	ASR20	ASR25	ASR30	ASR37
Rated person	6	10	12	15/16	20	25	30	37
Physical forms	Longeigh-side							
Length(mm)	2735	3410	3815	4220	4750	5315	5780	6490
Width(mm)	1745	2210	2345	2730	2950	3225	3505	3750
Height(mm)	1400	1500	1640	1875	1950	2150	2300	2450



Survival Food and First Aid Kit



Survival Food rations
KL-99/KL-99F
Specification: 0.5kg



COMPLY WITH ISO 18813:2006, SOLAS 74 as amended,
IMO MSC 48(66), MSC.218 (82), LSA Code as amended



Emergency drinking water
DS-97 / DS-97F
Specification:
5x100ml/4x125ml



First Aid Kit



- ◆ Containing first aid or commonly used medicine and sterilized cotton, bandage, etc, used for lifeboats and liferafts equipped for ships sailing in domestic and overseas

LIFERAFT LIGHT

RSFD-2



- ◆ Comply with SOLAS 1974 and amendment
- ◆ Working Time: More than 12 hours
- ◆ Illuminant: LED
(Constant light and flashing)
- ◆ Luminous Intensity:
Outer light: More than 4.3cd
Inner light: More than 0.5cd

RSFD-3



- ◆ Comply with SOLAS 1974 and amendment
- ◆ Working Time: More than 12 hours
- ◆ Illuminant: LED
(Constant light and flashing)
- ◆ Luminous Intensity:
Outer light: More than 4.3cd
Inner light: More than 0.5cd

RSFD-4



- ◆ Comply with SOLAS 1974 and amendment
- ◆ Working Time: More than 12 hours
- ◆ Illuminant: LED
(Constant light and flashing)
- ◆ Luminous Intensity:
Outer light: More than 4.3cd
Inner light: More than 0.5cd

LIFERAFT ACCESSORIES



Floating knife

- ◆ Standard: ISO18813:2006
- ◆ Total Length: 161mm



Can opener

- ◆ Standard: ISO18813:2006
- ◆ Total Length: 61*180mm
- ◆ Covered with zinc



Fishing kit



Floating paddle



Drinking vessel

- ◆ Standard: ISO18813:2006
- ◆ Volume 125ml



Bailer

- ◆ Standard: ISO18813:2006
- ◆ Size 180*125*55mm
- ◆ Capacity: 2L



Quick release valve



First aid clip



First aid plug



Waterproof torch

- ◆ Standard: ISO18813:2006
- ◆ Total Length: Φ62*193mm
- ◆ 2*#1 dry battery



ID tube



Survival Manual

- ◆ Standard: ISO18813:2006



Repair kit for liferaft



Bellow



Repair mortar

LIFERAFT ACCESSORIES



Rescue ring

- ◆ Size(Ring):
φ 179mm
- ◆ Size(Line):
φ4mm*30M Length



Signal mirror



Sea anchor

LIFERAFT BRACKET,HRU

Cradle for liferaft

- ◆ Category: Throw-over type, Drop type, Double drop type
- ◆ Material: Carbon steel covered with spray paint /Stainless steel



Hydrostatic Release Units

- ◆ Comply with SOLAS 1974 and latest amendment
- ◆ Hydrostatic Release Units is a device used for releasing inflatable liferafts fastened on ships, When a ship sinks, HRU operates automatically Within a depth of 2-4m and then liferaft functions properly
- ◆ Automatic Operation: When the ship sinks to the sea ,sea water enters the storage chamber of the unit through its inlet,water pressure on the diaphragm in turn presses the spring ,then force the short shaft moving in ward
- ◆ Manual Operation: Pulling the split pin out and pushing the small link on the connecting link upward
- ◆ Material: Stainless steel



RADAR REFLECTOR

Aluminium plates type

- ◆ Material: Aluminium plates
- ◆ Radar cross section: $\geq 40m^2$
- ◆ Size:12/16/18 inch
- ◆ Installing height: at least 3.5 meter above sea level



Foldable type

- ◆ Small size,light weight,foldable,convenient storage, easy to install, good reflection performance, long service life
- ◆ Radar Cross Section: $\geq 40m^2$
- ◆ Side Length: 470mm
- ◆ Operating Temperature: $-35^{\circ}C \sim 55^{\circ}C$
- ◆ Storage: Should be stored in dry ventilated place, avoid acid-base items



LADDER

Pilot Ladder

- ◆ Scope: Pilot Ladders are designed for embarking or disembarking of pilots from vessels
- ◆ Comply with SOLAS 1974 and its amendment
- ◆ Pedal Material: Beech wood
- ◆ The bottom four: Rubber steps with steel lining
- ◆ Pedal pitch: $330 \pm 20\text{mm}$



Embarkation Ladder

- ◆ Scope: Designed for person to safety embarkation of survival craft along a vertical portion of the ship's hull
Ladder also available to be used up and down the cabin crew
- ◆ Comply with SOLAS 1974 and its amendment
- ◆ Pedal Material: Beech wood
- ◆ The bottom four: Rubber steps with steel lining
- ◆ Pedal pitch: $330 \pm 20\text{mm}$



LADDER STEP, MAGNET



Short Step

- ◆ Material: Beech wood
- ◆ Size: $525 \times 115\text{mm}$
- ◆ Thickness: $\geq 25\text{mm}$



Stop Twisting Step

- ◆ Material: Beech wood
- ◆ Size: $1800 \times 115\text{mm}$
- ◆ Thickness: $\geq 25\text{mm}$



Rubber Step

- ◆ Size: $525 \times 115\text{mm}$
- ◆ Thickness: $\geq 32\text{mm}$



Aluminum Step

- ◆ Size: $525 \times 115\text{mm}$
- ◆ Thickness: $\geq 30\text{mm}$



Ladder Magnet

- Material: Magnet
- Proof load: 200KG, 300KG, 500KG

STRETCHER

Robertson stretcher

Inner Frame: Hard wood
Fabric: Canvas
Horizontal Safety: 120KGS
Vertical Safety: 120KGS



Basket Stretcher

Cover: ABS plastic
Accessories: 4 sets safety belt/1 pieces foot pedal/one safe and secure sling
Loading Strength: 270kgs
Size: 219x64x18cm



CE

Basket Stretcher (Setachable Design)

Cover: ABS plastic
Accessories: 4 sets safety belt/
1 pieces foot pedal/one safe and secure sling
Loading Strength: 270kgs
Size: 219x64x18cm



CE

STRETCHER

Cart Stretcher

2 sets of upper wheels can be adapted to ambulances of different heights.
Backrest angle is adjusted by gas spring, range 0-65°.
The leg-folding mechanism is controlled by the handles on both sides, the stretcher is equipped with a safety lock, which is opened when the ambulance is on, and locked when the stretcher is standing.
Only one person can push the stretcher onto the ambulance.
This stretcher is made of high-strength aluminum alloy material.
φ 125mm wide-surface rubber wheels, two with brakes.
Accessories: waterproof seamless PVC mattress (5cm thick sponge),
3 seat belts for chest, hips and knees, fixing device L01-1.
Optional accessories: salt water rack I01, pillow, oxygen bottle holder H01 OR H02.



CE

Folding Stretcher

Made of high-strength aluminum alloy and tear-resistant Oxford leather material
Available colors: orange, blue, army green, camouflage
Optional fabric: Oxford leather, orange PVC
With 2 seat belts, carry bag



CE

PNEUMATIC LINE THROWERS

Model: PTQ7.0-Y230Q210

Standard Size: Portable backpack 930mmx320mmx200mm

Portable bullet pack 1300mmx360mmx230

Warhead Preparation:

Throwing rope rescue bullet x2 (built-in 250m rescue rope)

Training bullet x1 (elastic material, impact resistance)

Water rescue bullet X2 (built-in 200m rescue rope

with automatic inflatable life buoy) 150m rope bag x 1

Working Pressure: 7MPa (70bar/1015psi)

Built-in 1.5L carbon fiber gas cylinder:30MPa (300bar/4350psi)

Set Weight: Total weight: 33kg (gun bag / 16.5kg, bullet bag / 17.3kg)

Basic Components: 9kg

Launch Parameters: Launch Velocity $\geq 60\text{m/s}$

Flight Time: 3 ~ 5s

Throwing Mass: $\geq 1.8\text{kg}$

Throwing Deviation Angle: $\leq 5^\circ$



REMOTE CONTROL SMART LIFEBOUY



Material:HDPE+PS polyfoam

Color:Orange

Use Time:40MINS

SINGLE Propeller Power:1800W

Li-battery:24V,32Ah

Controller Distance:300meter

Buoyancy:18kg/48h

MARINE ACCESSORIES



Tape oil gauge

- ◆ Type: 10 20 25 30m
- ◆ Material: Stainless steel



Sounding hammer

- ◆ Type: 3.5Kg/36m rope, 5Kg/50m rope, 12.7kg/230m rope
- ◆ Material: Lead



Clinometer

- ◆ Measuring range: 0-70°
- ◆ Size: 400x240mm



Chart dividers

- ◆ Type: 150mm 170mm 200mm
- ◆ Material: Brass



Copper ruler



Copper block



Fog bell

- ◆ Diameter: 150/200/250/300mm



Gong

- ◆ Diameter: 400mm



Signal ball

- ◆ Type: Spherical, Cylindrical, Cone, Double cone, Diamond

MARINE ACCESSORIES



IMO Stickers



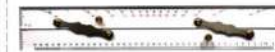
Rat blocked



Magnetic Compass



Sextant



Parallel ruler



Channel triangle



Barometer



Clock



Binocular

CHEMICAL PROTECTIVE CLOTHING



Product Description

The chemical protective clothing is composed of a hat, a jumpsuit, anti-chemical gloves and protective boots. It is a semi-enclosed form of protective clothing to protect the working personnel from dangerous chemicals and other hazards. It can be reused under standard operation.

It is mainly used to protect liquid acid and alkali chemicals from industrial workers.

Level	Level three	
Material	Flame retardant chemical PVC tape	
Thickness of the rubber fabric	0.45±0.05mm	
Color	Yellow	
Permeation Time	98% Sulfuric acid	≥240min
	30% Muriatic acid	≥240min
	60% Nitric acid	≥240min
	40% Sodium hydrate	≥240min
Inspection Standard	GB 24540-2009	

Specifications	Chest	Chest	Waist	Shoe	Suitable height
L	171cm	130cm	125cm	43cm	170~180cm

COVERALL



1. Model: R5FH01
2. Material: High Antistatic Spunlace Nonwovens Breathable Membrane Composite/Taterproof PE film
3. Color: White
4. Structure: Coverall
5. Size: S/M/L/XL/XXL/XXXL
6. Weight: 0.25kg
7. Density: 63-65//m²
8. Standard: EN 14126, GB 19082
9. Application: Epidemic prevention, Clean room, Construction, Painting, Laboratory, Rescue, etc.

Functions:

1. Disposable protective clothing is soft comfortable and light.
2. Effective barrier microorganisms, particulate matter, gas, also can block the patient's blood, saliva, urine, and other liquids.
3. With breathable comfort feeling, adequate integrity and durability can also be maintained after specific sterilization treatment.
4. With tear resistance and certain abrasability, no dust.
5. This product is mainly applicable to general ward, laboratory, mechanical maintenance, dust removal operation, paint operation, agricultural pest control, etc. It can not use for hospital surgery or other sterile operation department.



Marine sewage treatment unit



Sewage parameter: SWCM6/10/15/20/30/50/200 ZC/CCS

YWC type oil-water separator

Oil-water parameter: YWC-0.1 0.25 0.5 1.0 ZC/CCS

Product inspection standards

- 1、 Technical code for statutory survey of domestic navigational seagoing vessels(2020).
- 2、 Technical Code for statutory survey of Inland River vessels(2019).
- 3、 Code for survey of marine products(2018).
- 4、 Marine bilge oil sewage separation device(GB/4795-2009).
- 5、 IMO. Resolution 107(49).

Product details:

Model: YWC-0.1
Displacement: 0.1 (cubic meter/hour)
Emissions Containing Oil: 12 (ppm)
Power: 0.25 (kw)



Marine sewage crushing pump

Use:

Marine sewage storage tank
 Marine domestic sewage treatment plant
 Other types of domestic sewage



CWF series Marine comminution pump is an open impeller centrifugal discharge pump, which is used for comminution and transportation of soft dirt in domestic sewage with temperature below 85 degrees. The diameter of solid particles after cyclic grinding is not more than 5mm. It is also suitable for Marine heavy oil solidification and grinding at low temperature, which is convenient for injection.

MAIN TECHNICAL PERFORMANCE PARAMETERS				
Models	m ³ /h	m	r/min	kw
0.5CWF-8	5	8	2900	0.75
0.5CWF-10	5	10	2900	1.1
0.5CWF-20	5	20	2900	1.5
1CWF-11	10	11	2900	1.5
2CWF-11	20	11	2900	2.2
3CWF-10	30	10	2900	4
3CWF-30	30	30	2900	11

Marine Offshore Personnel Transfer column/fold Basket

Marine offshore personnel transfer column



Type: 4p/6p/8p/10p/12p(person)

Scope of application: It is specially for all kinds of platform operation staff (materials) to use on and off the platform

Marine offshore personnel transfer fold basket



Type: 4p/6p/8p(person)

Scope of application: It is specially for all kinds of platform operation staff (materials) to use on and off the platform

G series

100% New Pvc material, UV-resistance

Improved Air valve, Air-proof



Luxiang Made Products has incorporated the latest in technology, design innovation, and attention to detail to bring you the finest looking, top performing protection for your dollar. Luxiang boat fenders are made of 100% new PVC material.

luxiang fender feature a high gloss finish and strong ends where you need it the most. Seamless one-piece construction with ribbed sides minimizes roll, and a molded-in valve ensures easy inflation and long life.

Standard luxiana fender colors



Series	Item	Diameter*length (inch) / (mm)		Weight	Eye diameter		Volume	circumference
				g	inch/ mm	gals / L	inch/ mm	
G-general (Ribbed)	G0	4.5*16	inch 110*400	500	0.92 inch 23 mm	1.2(gals) 4.5(l)	14.13 inch 345.4 mm	
	G1	5.5*20	inch 140*500	850	1.12 inch 28 mm	2.2(gals) 8.2(l)	17.27 inch 439.6 mm	
	G2	6.5*23	inch 160*580	1000	1.12 inch 28 mm	3.2(gals) 12(l)	20.41 inch 502.4 mm	
	G3	8.5*27	inch 210*680	1800	1.2 inch 30 mm	7.1(gals) 26.8(l)	26.69 inch 659.4 mm	
	G4	10*30	inch 250*760	2800	1.28 inch 32 mm	12.4(gals) 46.9(l)	31.4 inch 785 mm	
	G5	15.8*38.6	inch 400*980	6000	1.56 inch 39 mm	25.1(gals) 94.8(l)	49.61 inch 1256 mm	

G series

blue/black too

100% New Pvc material, UV-resistance

Improved Air valve, Air-proof



Luxiang Made Products has incorporated the latest in technology, design innovation, and attention to detail to bring you the finest looking, top performing protection for your dollar. Luxiang boat fenders are made of 100% new PVC material.

luxiang fender feature a high gloss finish and strong ends where you need it the most. Seamless one-piece construction with ribbed sides minimizes roll, and a molded-in valve ensures easy inflation and long life.

Standard luxiana fender colors



Series	Item	Diameter*length (inch) / (mm)		Weight	Eye diameter		Volume	circumference
				g	inch/ mm	gals / L	inch/ mm	
G-B/W (Ribbed)	G0	4.5*16	inch 110*400	500	0.92 inch 23 mm	1.2(gals) 4.5(l)	14.13 inch 345.4 mm	
	G1	5.5*20	inch 140*500	850	1.12 inch 28 mm	2.2(gals) 8.2(l)	17.27 inch 439.6 mm	
	G2	6.5*23	inch 160*580	1000	1.12 inch 28 mm	3.2(gals) 12(l)	20.41 inch 502.4 mm	
	G3	8.5*27	inch 210*680	1800	1.2 inch 30 mm	7.1(gals) 26.8(l)	26.69 inch 659.4 mm	
	G4	10*30	inch 250*760	2800	1.28 inch 32 mm	12.4(gals) 46.9(l)	31.4 inch 785 mm	
	G5	15.8*38.6	inch 400*980	6000	1.56 inch 39 mm	25.1(gals) 94.8(l)	49.61 inch 1256 mm	

Super Arch Type rubber fender



Super Arch Type rubber fender

Features

- ◆ High energy absorption and low reaction force
- ◆ High stress concentration
- ◆ Easy replacement firm for installation

Applications

- ◆ Small to medium range vessels
- ◆ Piers

V Type rubber fender

V Type rubber fender

Features

- ◆ Moderate reaction force and high energy absorption
- ◆ Easy replacement firm for installation
- ◆ Suitable for medium dock

Applications

- ◆ Quays
- ◆ Docks
- ◆ Other berthing structures



Super Cell rubber fender



Super Cell rubber fender

Features

- ◆ More reasonable structure
- ◆ High E/R.H value
- ◆ Very suitable for the large wharf

Applications

- ◆ Bulk terminals
- ◆ Offshore platforms
- ◆ Container berths
- ◆ General cargo berths

Cone rubber fender

Cone rubber fender

Features

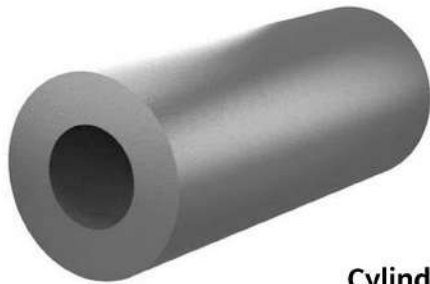
- ◆ High energy absorption and low reaction force
- ◆ Easy for installation
- ◆ Excellent life-stability in the marine environment

Applications

- ◆ Container & Bulk Terminals
- ◆ Oil & Gas Terminals
- ◆ General Cargo Terminals
- ◆ Cruise Terminals
- ◆ Ferry & RoRo Terminals
- ◆ Navy



Cylindrical rubber fender



Cylindrical rubber fender

Features

- ◆ Low reaction forces and little surface pressure, reasonable rated energy absorption
- ◆ Strong adaptability transverse and vertical shake when the ship berths
- ◆ Easy for installation

Applications

- ◆ Multiple usage at different berths
- ◆ Bulk Terminals
- ◆ General Cargo Terminals
- ◆ RoRo Terminals
- ◆ Tug Boats
- ◆ Barge

D Type rubber fender

D Type rubber fender

Features

- ◆ Suitable reaction force, with higher energy absorption than cylindrical rubber fender
- ◆ Easily for installation
- ◆ Applicable for frame dock and ships due to the smaller bottom width

Applications

- ◆ Work boats
- ◆ Tugboats
- ◆ Pilot boats
- ◆ Fishing boats
- ◆ Pontoons
- ◆ Quays
- ◆ Piers
- ◆ Loading bays
- ◆ Car parks trucks
- ◆ Building interiors



GD Type rubber fender



GD Type rubber fender

Features

- ◆ High energy absorption and low reaction and low reaction force
- ◆ Particularly applicable for framework quay

Applications

- ◆ Dry docks
- ◆ Other restricted channels

Roller Rubber fender

Roller Rubber fender

Features

- ◆ Low reaction force and high energy absorption
- ◆ The fender performance is not affected by the ship inclining and berthing
- ◆ Applicable for dry docks and other restricted channels

Applications

- ◆ Dry docks
- ◆ Other restricted channels



Tug Boat Rubber fender



Tug Boat Rubber fender

Features

- ◆ Strong and durable structure.
- ◆ With grooves for chains and straps for easier and firmer attachments
- ◆ Round hollow chamber for easier installation.
- ◆ Suitable to be fasten to the sides, bow and stern of tugboat.

Applications

- ◆ Tugboats
- ◆ Push boats
- ◆ Work boats

Ladder Fender

Ladder Fender

Features

- ◆ Works both as fender and ladder
- ◆ More durable than steel ladder
- ◆ Low maintenance

Applications

- ◆ Pier
- ◆ Small ships



Corner Rubber Fender



Corner Rubber Fender

Features

- ◆ High quality robust durable fender
- ◆ Simple design and easy to install, maintain
- ◆ Protect exposed edges and corner
- ◆ High absorb resistance and long service life

Applications

- ◆ Harbor corner
- ◆ Turning bits
- ◆ Dry dock entrances
- ◆ Wharf heads

Unit Element Fender

Unit Element Fender

Features

- ◆ Versatile modular system
- ◆ Highly Efficient Shape
- ◆ Straightforward and easy installation
- ◆ Suitable for many applications due to its versatility

Applications

- ◆ Container & Bulk Terminals
- ◆ General Cargo Terminals
- ◆ RoRo Terminals
- ◆ Barge



Square Rubber Fender



Square Rubber Fender

Features

- ◆ High energy absorption and Reasonable reaction force.
- ◆ The fender is applicable for all kinds of docks,quays,and ships.
- ◆ Good performance during angular berating.

Applications

- ◆ All kinds of docks,quays and ships

PI Type Rubber Fender

PI Type Rubber Fender

Features

- ◆ Single ship/panel contact design
- ◆ Possible savings in substructures with existing quay walls
- ◆ Can cope with high impact levels and low deck levels

Applications

- ◆ Container & Bulk Terminals
- ◆ Oil & Gas Terminals
- ◆ Ferry & RoRo Terminals
- ◆ Terminals with sheet pile walls or pile structures with concrete capping beams



W Type Rubber Fender



W Type Rubber Fender

Features

- ◆ Low Reaction force, high capability of energy absorption.
- ◆ Easy to be installed and maintained.

Applications

- ◆ Ocean-going tugboats
- ◆ Icebreakers
- ◆ Large harbors tugboats
- ◆ Bridge and pile protections

Ship Launching Rubber Airbag

Ship Launching Rubber Airbag

Features

- ◆ Long lifespan
- ◆ Movable and reusable
- ◆ Saving investment costs
- ◆ Saving labor and time

Applications

- ◆ Launching and landing ship/boat/vessel
- ◆ Lifting and moving heavy goods
- ◆ Salvaging stranded boats



Pneumatic Rubber Fender



Pneumatic Rubber Fender

Features

- ◆ Can support large panels
- ◆ Very low reaction and hull pressure
- ◆ Suitable for small and large tidal ranges
- ◆ Maintains large clearances between hull and structure

Applications

- ◆ Oil and gas tankers
- ◆ Fast ferries and aluminium vessels
- ◆ Temporary and permanent installations
- ◆ Rapid response and emergencies

Foam Filled Rubber Fender

Foam Filled Rubber Fender

Features

- ◆ Good Hydrophobicity
- ◆ High Performance of Outer Coating

Layer

- ◆ Fast and Easy Installation
- ◆ Multiple Color Options
- ◆ Multiple Form & Size Options

Applications

- ◆ Tugs
- ◆ Work boats
- ◆ Pilot boats
- ◆ Open sea terminals, gravity ports, especially for large tidal wave docks
- ◆ Ship-to-Ship (STS) operations



Marine Fenders & Bollards



Bollard

Marine bollards are designed and shaped according to ship's berthing capacity, wharf structure to help ships moor to the dock. Bollards are mainly made of casting steel or casting iron. Its common specifications range from 50KN to 2000KN. We supply all types of bollards:

JIS F 2001 Bollards GB/T 554-96 bollard, GB/T 556-65 SH type and DH type welded inclined bollard, GB/T 10106-88 ships' cross bits, DIN 82607-1995 bollard, CV-Boards, Type: U.S.A bollard, single bit bollard, double bitt bollard, cross bollard, Kidney type bollard, Stag horn type bollard, Tee head bollard, Y type bollard or other types.

SILENCERS FOR SHIPS



Technical Requirements

- ◆ Air tightness test after welding; PS = 0.06 MPA, lasting 5 min;
- ◆ Weld height does not exceed the thickness of thin plate;
- ◆ External heat insulation material is aluminum silicate, 45mm thick;
- ◆ The inlet and outlet flanges accord with CBM1021-81 standard and provide matching flanges.

type		
DN65	DN80	DN100
DN125	DN150	DN200
DN250	DN300	DN350
DN500	DN600	



SERIES AXIAL-FLOW FANS FOR MARINE OR NAVY USE



Structural form

- ◆ The ventilator is made into a structure in which the motor is placed inside the casing. The impeller is mounted directly on the motor shaft.
- ◆ The impeller is made of anticorrosive aluminum alloy, and the casing is welded with steel material.
- ◆ The case can be made into an integral type or opened along the axial direction according to the need. The open type casing is the impeller and the motor are mounted on the half casing which can be opened. It is convenient to repair and replace the spare parts on site.
- ◆ The ventilator is made to face the motor and the impeller rotates according to the clockwise direction. In use, the fan is allowed to rotate backward.
- ◆ The fan can be fitted with 220V/50Hz or 220V/440V/460V/480V/60Hz Marine AC motor.

BILGE ALARM



- ◆ Measurement range: 0-30 ppm
- ◆ Reaction Time: ≤5s
- ◆ Measurement accuracy: 15±5ppm
- ◆ Alarm range: 1-15 ppm
- ◆ Display mode: LCD display
- ◆ Sample pressure: 0.01-08 mpa
- ◆ Sample flow: 01 -4L/min
- ◆ Ambient Temperature: 1-55 °C
- ◆ Power supply: 110V/220V50Hz/60Hz
- ◆ Power: ≤20VA
- ◆ Level of protection: IP65
- ◆ Size: 360mmx260mmX150mm
- ◆ Alarm delay: Alarm Point 1:1-10s, alarm point 2:1-240s
- ◆ Weight: 9 kg

Product features

- ◆ Adopting advanced infrared measuring principle and micro-processing technology, the reaction time is fast and the measuring precision is high;
- ◆ The unique design separates the mainframe control from the measuring room, overcomes the influence of using environment on the instrument, and improves the system stability and reliability of the instrument. The measuring room is easy to maintain and clean;
- ◆ Large-screen LCD display, real-time display time, oil concentration, the working state of the system user-friendly menu interface;
- ◆ Real-time recording of current data and automatic storage, query and print historical data at any time;
- ◆ The instrument has the function of auto-alarm and self-check;
- ◆ The instrument has the function of working condition monitoring, which can automatically control the discharge of excess sewage when the instrument is preheated, broken down, repaired or replaced.

BILGE ALARM



XOC-01

- ◆ Scope of measurement: 0-30 ppm
- ◆ Measurement accuracy: ± 5 ppm
- ◆ Warning: Two light-emitting diode
- ◆ Concentration reading: Three-bit LED
- ◆ Working Point of alarm: 15PPm
- ◆ Power supply: AC220 $\pm 10\%$ 50Hz $\pm 5\%$
- ◆ Power: 20W
- ◆ Weight: 13.5Kg
- ◆ Working Environment: The temperature is 0 ~ 55C and the relative humidity is 95 ~ 100% .

Product features

15 ppm bilge alarm device according to the International Maritime Organization Code, a new type of device is developed by using infrared measurement technology and digital circuit, which is suitable for on-line monitoring of oily wastewater in ship bilge, it has the functions of information storage and printing, and can be connected with the upper computer for remote monitoring. Products meet the requirements of the MEPC107(49) resolution and are China Classification Society in China with a Marine product certification.(CCS-certificate)

BILGE ALARM



OCM-15

- ◆ Measurement range: 0-30 ppm
- ◆ Precision: better than 5mg/l
- ◆ Linear: above 2%
- ◆ Display: LCD display
- ◆ Power supply: 220VAC/110VAC $\pm 10\%$ 50H/60Hz 5%
- ◆ Power: 10VA
- ◆ Alarm Point: 1-15 ppm
- ◆ Alarm Point factory setting: 15ppm
- ◆ Alarm output: 2 relay output
- ◆ Warning: red LED
- ◆ Sample Water Pressure: 0.016 bar
- ◆ Ambient temperature: 0-55 °C
- ◆ Weight: 7kg
- ◆ Sample water temperature: +1-+80 °C
- ◆ Size (total) : 360mmWx240mmHX105mD

Product features

- ◆ The principle of multi-band infrared measurement and the technology of micro-processing are adopted. The reaction time is fast and the measurement precision is high;
- ◆ The whole system adopts anti-electromagnetic interference design to overcome the influence of using environment on the instrument and improve the stability and reliability of the instrument;
- ◆ Real-time display of oil concentration, system working status; real-time recording of various alarm status data and automatic storage, query and print historical data at any time;
- ◆ The measuring room is easy to maintain and clean, the operation is simple, and the instrument has the function of working condition monitoring.

BILGE ALARM



OCM-15A

- ◆ Scope of measurement: 0-30 ppm
- ◆ Measurement accuracy: ± 5 ppm
- ◆ Linear: More than 2%
- ◆ Display: LCD display
- ◆ Working Point of alarm: 15PPm
- ◆ Power supply: 24VAC/DC $\pm 5\%$
- ◆ Size: 180mmWx225mmHx56mmD
- ◆ Alarm relay output contact rating: 5A, 250VAC, non-sensual
- ◆ Sample flow rate: About 0.2-4 l/min
- ◆ Ambient temperature: 0-- 55°C
- ◆ Sample water temperature: +1-- 80°C
- ◆ Protection level: IP45
- ◆ Power: 5VA
- ◆ Weight: 5Kg

Product features

- ◆ Adopting the multi-band infrared measurement principle and micro-processing technology, the reaction time is fast and the measurement precision is high;
- ◆ The overall use of anti-electromagnetic interference design, to overcome the use of environmental impact on the instrument, improve the stability of the instrument system and reliability;
- ◆ Real-time display of oil concentration, system working status;
- ◆ Real-time recording of various alarm status data and automatic storage, query historical data at any time;
- ◆ The measuring room is easy to maintain and clean, and the operation is simple;
- ◆ The instrument has the function of working condition monitoring, which can automatically control the discharge of excess sewage when the instrument is broken down, repaired or replaced;

LIFEBOATS



Models / Master scale (m)	BCFC-3.2M 5.2*2.5*3.07	BCFF-6.8M 6.8*2.75*3.1	FL110C-1 11.9*2.95*3.13
	BCFF-5.2M 5.2*2.5*3.07	BCFC-7.6M 7.5*2.78*3.25	FL119F-1 11.9*2.95*3.13
	BCFC-6.0M 6*2.62*3.08	BCFF-7.6M 7.5*2.78*3.25	FL140C-1 14.3*3.0*3.33
	BCFF-6.0M 6*2.62*3.08	BCFC-9.0M 9*2.8*3.33	FL145F-1 14.3*3.0*3.33
	BCFC-6.8M 6.8*2.75*3.1	BCFF-9.0M 9*2.8*3.33	

Product features

The free-fall lifeboat is a type of boat that boards from the stern gate, manufactured in accordance with the latest SOLAS specifications and the requirements of the LSA, MSC.21(82), MSC.272(85) amendments and MSC.81(70) resolutions, MSC.226(82), MSC.274(85) amendments. It takes off quickly and safely through a chute (on a ship or oil platform). The free release system device is specially designed for easy operation, safety and reliability.



RELEASE HOOK-15KN



Working load: Safe working load 15KN

Model	Specification (KN)	Release form	Safe working load (KN)	Test specifications (KN)	2.5times the test load (KN)	6times the test load (KN)	On the pitch (MM)	Under the Aperture (MM)
150-T15	15	Manual release	15	15	37.5	90	32	φ25

Product features

The factory production of 15KN lifting by rescue boat landing manually release the hooks, hook material OC20 is the special material of manufacturing hooks, casting and mold into, polished, nickel plated handle, other parts made of stainless steel material. Design has a special manual release and when the safety device, thereby freeing flexibility, security and so on.

RELEASE HOOK-25KN



Working load: Safe working load 15KN

Model	Specification (KN)	Release form	Safe working load (KN)	Test specifications (KN)	2.5times the test load (KN)	6times the test load (KN)	On the pitch (MM)	Under the Aperture (MM)
250-T25	21	Automatically released	21	25	62.5	150	32	φ27
	23							
	25							

Product features

The factory, production of 21KN life-saving valve automatic release hooks, made of stainless steel material. Attractive, easy to use, in case of no load automatically quick-release, is a specialized hook marine lifesaving equipment.

RELEASE HOOK-37KN



Working load: Safe working load 37KN

Model	Specification (KN)	Release form	Safe working load (KN)	Test specifications (KN)	2.5times the test load (KN)	6times the test load (KN)	On the pitch (MM)	Under the Aperture (MM)
370-T37	31	Manual /Automatically released	31	37	92.5	222	34	φ27
	33		33					
	35		35					
	37		37					

产品特点 Product features

The product design meets the relevant requirements of the MSC47(66)- "Amendments to the 1974 International International Convention for the Safety of Life at Sea code" MSC47(66)-international life-saving rules and MSC81(70)-life-saving equipment testing. Has been approved by the China Classification Society CCS Audit. The products are made of cr18Ni9Ti stainless steel. The hook is made of stainless steel. It is beautiful in shape and convenient in use. It can be released automatically and quickly without load. It is a special hook for marine lifesaving equipment.

INFLATABLE LIFE JACKET



Weight of life jacket	≤ 0.8kg	Inflatable molding time	≤ 5s
Time to float	≥ 24h	Buoyancy	≥ 150N
24-hour loss of buoyancy	≤ 5%	Weight of CO2 gas	33g
Load-bearing	150kg	Fabric	300d Oxford



产品特点 Product features

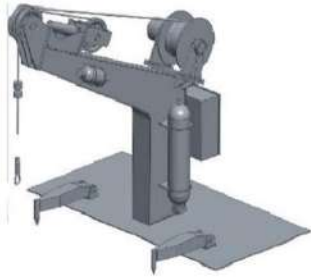


The difference between automatic and manual models

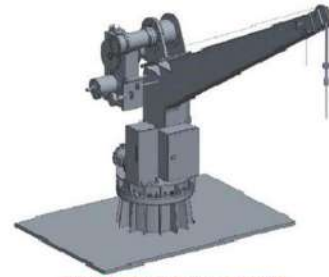
Automatic: automatic wear on the body, in case of falling into the water, automatic device will automatically start, in three seconds to inflate without manual pull rod, can be hand-integrated, more suitable for non-swimmers to use.

Hand style: hand style wear on the body, in the water, the need to be inflated by hand pull rod, more suitable for swimmers.

LIFEBOAT RACKS



PLATFORM RESCUE BOAT DAVIT



SINGLE ARM SLEWING RESCUE BOAT/RAFT DAVIT(CRANE)



RESCUE BOAT LAUNCHING APPLIANCE



LAUNCHING APPLIANCE OF FREE FALL LIFEBOAT



HYDRAULIC GRAVITY LUFFING DAVIT



CRANE

LIFEBOAT RACKS



PLATFORM DAVIT



GRAVITY LUFFING ARM DAVIT



HYDRAULIC TELESCOPIC DAVIT



SINGLE ARM RESCUE BOAT(RAFTS) LAUNCHING APPLIANCES AND LIFT

Product Introduction

All products are designed and manufactured in accordance with the latest International Maritime Organization International Convention for the Safety of Life at Sea, LSA standards, etc.