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Firefighting personal equipment



Type 20 rescue suit (summer)

- Comply with XF633-2006 《firefighter rescue protective clothing》 standard and 《20 type firefighter rescue protective clothing style logo unified type requirements》 (Emergency Consumer [2020] No. 357) document related requirements.
- It is a special protective clothing worn by firefighters during rescue operations.
- It has the performance of flame retardant, wear-resistant, lightweight, strong tensile strength, and good comfort.





Type 20 rescue suit (winter)

- "Comply with XF633-2006 《firefighter rescue protective clothing》 standard and 《20 type firefighter rescue protective clothing style logo unified type requirements》 (Emergency Consumer [2020] No. 357) document related requirements.
- It is a special protective clothing worn by firefighters during rescue operations.
- It has the performance of flame retardant, wear-resistant, lightweight, strong tensile strength, and good comfort."



Type 20 Firefighter Protective Clothing (Optional DRD model)

- Specialised clothing for firefighters to protect the torso, head, neck, arms and legs when carrying out fire fighting and rescue. The garments produced by our company are in line with GA10-2014 《Firefighter Firefighting Protective Clothing》, and in line with the implementation rules for certification of fire class products CCCF-CPRZ-27:2019 certification standards.
- Provide the National Fire Equipment Quality Supervision and Inspection Centre test report and fire product certification.
- Structure: It consists of three layers of fabrics: the outer layer, the waterproof and breathable layer, and the comfort layer, cancelling the single aramid felt heat insulation layer.





Type 20 firefighter fire extinguishing command clothing

- Conforms to GA 10-2014 《Firefighter Firefighting Protective Clothing》, conforms to the implementation rules for certification of firefighting type products CCCF-CPRZ-27:2019 certification standards.
- The firefighter firefighting command suit is a new type of multifunctional protective clothing for commanders to wear when commanding firefighters to fight fire at the firefighting site.
- The overall appearance of the garment is shaped like a windbreaker, with reflective markings on the shoulders, hem of the windbreaker, cuffs and other parts, which can be seen clearly in 360°.



Type 17 rescue suit, summer style

- Conforms to GA 633-2006 《Firefighters rescue and rescue protective clothing》 standard.
- Used for body protection at rescue sites such as building collapse, narrow space and climbing.
- It has the performance of flame retardant, wear-resistant, lightweight, strong tensile strength, eye-catching colour and logo.
- Rescue clothing is the special protective clothing worn by firefighters when carrying out rescue and teaching aid operations."





Type 17 rescue suit, winter style

- Conforms to GA 633-2006 《Firefighters rescue and rescue protective clothing》 standard.
- Used for body protection at rescue sites such as building collapse, narrow space and climbing.
- It has the performance of flame retardant, wear-resistant, lightweight, strong tensile strength, eye-catching colour and logo.
- Rescue clothing is the special protective clothing worn by firefighters when carrying out rescue and teaching aid operations.



Anti Bee Suit

- Conforms to GA 770-2008 《Chemical Protective Clothing for Firefighters》 standard. Provide inspection report.
- The garment is made of double-layer high-strength puncture-resistant fabric, which has good puncture resistance and breathability, making it comfortable to wear.
- The hood veil has a large field of vision and small yarn eyes to avoid the stinger of hornets from stinging into it, the garment is flexible in operation when carrying out the battle of exterminating bees, and it is the ideal equipment for the battle of exterminating bees.



Super chemical protective suit



- Model: RHF-IXA
- Conforms to EN943-2:2002 standard, with EU CE certification
- Conforms to GA770-2008 《Chemical Protective Clothing for Firefighters》 standard, with test report issued by the National Centre for Quality Supervision and Inspection of Firefighting Equipment. Passed the national 3C certification, with 3C certification.
- Used for full-body protection when disposing of biochemical gas at the scene of chemical disaster or biochemical terrorist attack. It has good protection against military mustard gas, sarin, strong acid, strong alkali, industrial benzene and other toxic and harmful substances. After decontamination can be repeated many times
- Fabric: made of VITON, butyl rubber, polyester, butyl rubber, VITON VITON five-layer composite, to all EN943-2:2002 listed in the medium has at least 480 minutes of anti-penetration performance.
- Face screen: double-sided coating treatment, chemical penetration resistance, good anti-fog performance.
- Gloves: Double-layer impermeable chemical-resistant gloves.
- Feet: one-piece chemical-resistant boots. With anti-puncture, anti-smashing, insulation, chemical resistance and other properties.
- Colour: red
- Equipped with an external air port, can be used with long tube air respirator.
- Place of origin: UK



Class I Chemical Protective Clothing



- Model: RHF-IXB(GTK)
- Comply with EN943-2:2002 standard, with EU CE certification
- Conforms to GA770-2008 《Chemical Protective Clothing for Firefighters》 standard, with test report issued by National Fire Equipment Quality Supervision and Inspection Centre. Passed the national 3C certification, with 3C certification.
- Used in places where chemical disasters, poisonous and harmful substances gather which are harmful to human breathing and human skin.
- Fabric: Made of high performance multi-layer polymerised fabric. Can prevent the penetration and splashing of more than 100 kinds of chemicals such as highly corrosive and toxic organic, inorganic, gaseous and liquid. It can be reused many times after decontamination.
- Face screen: double-sided coating treatment, chemical penetration resistance, anti-fog performance is good.
- Gloves: double-layer anti-penetration chemical resistant gloves.
- Feet: One-piece socks or one-piece chemical-resistant boots.
- Colour: Orange green
- Optionally available with an external air port.
- Place of origin: UK



Ultra-low temperature protective clothing

- Suitable for use by personnel working in extreme cold environments, such as liquid ammonia and liquid ammonia air and environment, refrigerated liquid room, freezer, cold storage, cryogenic grinding, natural gas station, liquefied gas, LNG filling station and other places.
- The product is made of multi-layer composite material, soft touch, good breathability, high flexibility, one-piece design with good defence, equipped with low-temperature resistant and anti-impact face screen, wide field of vision, no sense of vertigo after wearing, high visibility.



Flame retardant anti-vapour suit

- Adopting multi-layer material combination design, composed of surface layer, waterproof and breathable layer, heat-insulating layer and comfort layer, it has the performance of flame-retardant, heat-insulating and anti-vapour, etc. It is mainly applied in the environment which can be used for pipeline repairing, leakage plugging and with vapour.



Firefighter's Chemical Protective Clothing

- It is made of high strength fabric which can withstand strong acid and alkali, and it is divided into two types according to the need of use, namely, fully enclosed gas-tight type and semi-enclosed liquid-tight type. The overall garment has chemical protection and flame retardant properties.



Firefighters' Protective Clothing Against Fire

- Made from a combination of 8 layers of fireproof insulation.
- Withstand 1000°C flame ablation for 60S, temperature rise of the inner surface of the garment $\leq 50^{\circ}\text{C}$. Mainly used in metallurgy, glass, ceramics, kiln, petrochemical industry and other high temperature occasions.





Rescue Helmet



Type 17 Firefighting Helmet (Half Helmet)



Type 17 Firefighting Helmet (Full Helmet)



Firefighting Gloves



Type 17 rescue gloves



Rescue Gloves



Firefighter boots



Type 17 rescue boots



Firefighting safety rope



Type 17 Fire Safety Belt



Rescue Belt



Fire safety belt



Positive Pressure Fire Fighting Air Breathing Apparatus

Positive Pressure Firefighting Air Breathing Apparatus is a personal protective equipment specially designed and developed for firefighting and military fields, suitable for firefighters or rescue personnel to use in toxic and hazardous gases environment, containing smoke, dust and other hazardous substances and lack of oxygen and other environments, so as to provide effective respiratory isolation protection for the user.

Pressure type fire fighting air breathing is equipped with a pressure level display device, composed of pressure transmitter and pressure display device, the two through the bluetooth matching, the pressure transmitter on the signal transmission to the pressure display device, on. Real-time display of the pressure inside the cylinder to ensure the safety of the user.



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Firefighter's Hailer MHJ550



Product Description.

- Ergonomic waist design, comfortable to hold, the inner shell is made of high-strength polycarbonate material, and the outer cover is made of bulletproof rubber material.
- Power on automatically detect the status of the device, automatically turn on the alarm light and buzzer.
- High decibel sound alarm and high brightness visual alarm.
- Azimuth light function, brightness greater than 300CD/M, high brightness orange azimuth light, provide protection for firefighters in thick smoke environment.
- Support relative altitude and altitude monitoring.
- Ambient temperature monitoring function, the ambient temperature exceeds 80°C, the device will trigger a high temperature alarm.
- Timing function, accurate timing for firefighters to enter the fire scene.
- Low battery alarm function.

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Intelligent Firefighter Transmission System



Product Description.

Firefighting Single Transmission System is a video information acquisition, display and transmission accessory that can be adapted to various firefighting helmets.

In the firefighting education and assistance, the firefighter's first perspective to collect the scene of conventional images and thermal imaging images, real-time transmission to the firefighters and rear commanders to understand the scene information to assist the scene of the firefighting education and assistance and provide a basis for the rear fire command.

The product has passed the intrinsically safe electrical equipment testing of the National Electrical Products Quality Supervision and Inspection Centre.

Core highlights.

Firefighters are able to penetrate the smoke to see the trapped people and the source of the fire and other internal information of the fire, in the smoke in a timely manner to extinguish the fire and rescue.

The video images inside and outside the fire can be transmitted out of the fire in real time to the fire-fighting and rescue command system for auxiliary decision-making.

Small size, light weight, easy to operate, comfortable to wear, free hands, does not interfere with the firefighters to carry out normal firefighting work.



Firefighting Forest fire prevention



Forest fire suit

- Forest fire suits are made for forest fires.
- It is the protective clothing to be worn for fire fighting and rescue when the forest property encounters a big fire.
- It can be additionally equipped with the required fire-fighting tools, wind extinguishers and other equipment for fire-fighting and rescue.



(Side)

(Back)

Forest fire helmet

- Comply with the requirements of GA 633-2006 《Firefighters rescue and rescue protective clothing》 standard.
- The surface of the helmet should be brightly coloured and smooth, and there should be no stains, bubbles, defects and other defects detrimental to its appearance.
- The surface of the visor should have no obvious traces of scuffing or hitting, smooth periphery and no edges.
- The sewing of the shawl should be smooth, and there should be no defects such as stripping, skipping stitches and breakage, stains and so on.
- The installation of the helmet parts should be in place, firm, upright, no loose, slip phenomenon.
- The mask should be flexible in retracting or flipping, and the shawl should be easy to take off.



Forest fire prevention gloves

- Comply with the requirements of GA 633-2006 《Firefighters rescue protective clothing》 standard.
- Fire gloves are used for hand protection in hazardous operations.
- They have the performance of anti-sharp cut and large friction coefficient.
- High temperature gloves are used for hand protection in high temperature operation. It has the properties of heat insulation, high temperature resistance and flame retardant.



Forest Fire Protection Boots

- Meet the requirements of GA 633-2006 《Firefighters rescue and rescue protective clothing》 standard.
- Anti-slip, anti-electric shock, puncture-resistant, fireproof, waterproof, oilproof, anti-smash and anti-puncture.
- Steel plate sole and steel clad toe, good protection for both ankle and top of foot.
- Firefighters fire protection boots are firefighters regular personal protective equipment, wearing can enter the fire, accident scene for firefighting and rescue work, with acid and alkali flame retardant.



Backpack wind fire extinguisher

- Engine displacement: 64.8cc
- Weight: 10kg
- Fuel tank volume: 2.0L
- Maximum air volume: 1200m³/h
- Maximum wind speed: 90m/sec



Backpack wind fire extinguisher

- Engine displacement: 71.9CC
- Weight: 11.3kg
- Fuel tank volume: 2.2L
- Maximum air volume: 1170m³/h
- Maximum wind speed: 94m/sec



Backpack wind extinguisher

- Engine Requirements: Laminar air-sweeping environmentally friendly engine, engine displacement: 71.9cc
- Body weight: 11.3kg
- Fuel tank volume: 2.2L
- Maximum air volume: 1740m³/h
- Maximum wind speed: 91m/sec



High head forest fire pump

- Starting mode: hand-pull rope start and a key type electric start two starting mode electricity, start motor must be installed in the host (No splitting).
- Electric starter motor and the host starter cover connection for the whole mould.
- Carburettor air filter with waterproof device.
three-stage centrifugal water pump: pump head ≥ 160 m (outlet pressure) ≥ 1.60 MPA, the maximum flow rate of ≥ 310 l/min; range ≥ 27 m, suction depth ≥ 6.5 m, the Can be backpack and portable, Weights ≤ 15 KG;
- The machine can be connected to a longer distance water extinguishing. The back frame is welded with 304# stainless steel, no rust spots, rust-proof treatment.
- The water pump passes the inspection of national forestry testing department. Equipped with special accessories and oil for water pump.



Irrigation cutter

- Meet national standards 《GBT14176-2012 Forestry Machinery Portable Brush and Lawn Mowers Powered by Gasoline Engines》 Requirements.



Chainsaw

■ Meet national standards 《GB/T5392-2017 Forestry Machinery Portable Handheld Chain Saw》 Requirements



Water Rescue

Electric Jet Motor Rescue Craft

- Remote control distance of 1000 metres, with GPS positioning function; can be preset patrol routes in the water, with automatic return to the information loss
- 25KM hour
- Equipped with two-way call, video monitoring, photo and video recording functions
- Configuration of the camera can be remote video monitoring, video recording, photography and other operations, in the remote control screen view at any time
- 1000 M
- Remote control, remote control distance of more than 1000 m
- The remote control is installed with Android intelligent system, which can preset the route instead of the teaching aid team members to complete the daily patrol work in the water city
- High-power searchlight + red and blue double flashing lights provide accurate positioning at night
- The hull and remote control are equipped with two-way voice. After connecting, it can talk remotely
- GPS positioning, real-time distance, rudder angle direction and other parameters
- With signal loss automatic intelligent return function, no fear of getting lost



In the maritime rescue, urban flood rescue and other water disasters and accidents, rescue teams need to work in a time-sensitive to complete the difficult work of teaching aid, and motorised rescue boat equipment is essential equipment.

Boat equipment can help the rescue team to implement the water communication, reconnaissance, patrol, life-saving, transport and other rescue tasks, as the main carrier of the water emergency rescue, into the rescue personnel can be quickly transported into the disaster area to implement the rescue work, the transport of the disaster area of the much-needed food, water, medicines, tents and other materials, back can help transfer the affected people and the injured.

Fast Inflatable Motorised Rescue Boat

130/5

Single-point inflatable deployment, the fastest inflatable in 130 seconds with the fire brigade's standard bottle

25KM/hour

Able to travel steadily in rapids up to 7m/s, with an unladen speed of 25km/h.



Separate inflatable chamber with pressure relief valve and manual exhaust valve for easy storage



Fabrics made of Hypalon, lightweight and durable



Inflatable motorised rescue boat

KG

Large internal space, can carry 8 people, weight over 1000KG



Front-mounted fuel tank design and aft double-simple drainage device for smoother travelling



The configuration of the boat is optimised and upgraded according to the actual driving requirements.



Water Rescue Personal Equipment Set

When carrying out water rescue operations, having excellent water personal equipment can guarantee the rescuers to carry out rescue efficiently, professionally, safely and standardly in the dangerous and complicated water rescue environment, and rescue the trapped people accurately and quickly.

Water Rescue Helmet

Outer shell made of ABS with EVA inner lining

Helmet rails on both sides for mounting accessories

6 ventilation holes on the top for ventilation and comfort.

Rear adjuster for one-handed operation



Rescue Life Jacket (120N)

Rescue Life Jacket for Riptide Rescue

Buoyancy up to 120N, can carry 2 adults of 80KG.

Unique quick-release mechanism for quick detachment in special situations



Rope Bag

Built-in bag with buoyant cotton that floats to the surface when thrown.

Belt with quick release buckle

Drainage mesh on both sides for quick draining

Velcro flap and quick release zip for one-handed access



Water Rescue Boots

The soles can be changed according to the different environments, dual use on land and water

6 drainage holes on the bottom for quick drainage

BOA lacing system for one-handed on/off



Jellyfish Suit

Made of high elasticity quick-drying fabric, expanding and tightening to the skin after wearing, not sticking to the flesh

Can be worn under dry rescue suit in winter for warmth and comfort, and breathable and comfortable in summer

Ergonomically designed, 3D cut for a perfect fit

Reflective strips on the arms and chest to improve the recognition of night rescue



Wet Split Rescue Suit

Fitted terry cloth lining for warmth and comfort.

Kevlar fabric on knees, elbows and hips for extra abrasion resistance.

Highly reflective stripes on front and back for enhanced night-time visibility.

Zips on cuffs and legs for quick on/off.



Water Rescue Gloves

Microfibre palm area for anti-slip and abrasion resistance.

Finger coverage area with impact resistant strips for finger protection.



Personal equipment bag

Special PVC ripstop fabric, strong and abrasion-resistant - External hanging point, two side zipped separate pockets

Highly visible reflective stripes for enhanced night-time visibility



Technical Advantages

Kevlar fabric

Tough, abrasion-resistant and tear-resistant

Ergonomics

3D human structure design

Microfibre material

Prevents heat loss

BOA lacing system

Quick on/off, one-handed operation



Wet (Heated) Split Rescue Suit

Self-heating Wet Suit



Intelligent heating



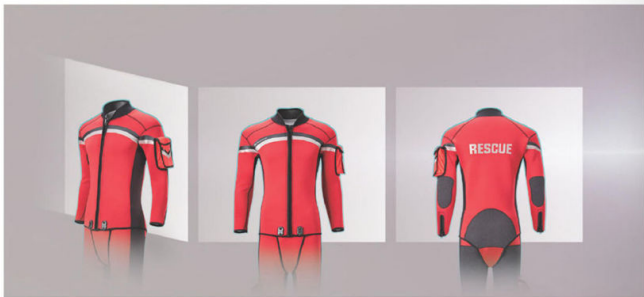
Three-speed temperature adjustment



High abrasion resistance



Three-dimensional cut



○ Function Introduction



Intelligent heating

The heating part of the garment is located in the front abdomen and back, the temperature is adjustable in high, medium and low, and the duration is more than 15 hours



Strong abrasion resistance

Kevlar fabric on the elbows, hips and back of the garment to enhance abrasion resistance



Capacity pockets

Capacity pockets on the outside of the right leg and the left upper arm for rescue knives, walkie-talkies and other teaching aids



High fabric elongation

Made of high elasticity neoprene and terry cloth, with a maximum load point elongation of more than 500%



Easy to put on and take off

YKK zips are used on the teak opening and foot opening for quick donning and doffing. The inner layer has an anti-abrasion layer to protect the skin in all aspects.



Customised reflective logo

Customised reflective logo on the back of the jacket

○ Application Scenarios



Flood rescue



Riptide rescue



Urban flood rescue



Water helmet



Water gloves



Diving gloves



Rescue rubber gloves



Water Rescue Boots



Water Rescue Boots



Water Rescue Dry Rescue Suit

- The material of this one is made of waterproof and breathable fabric, which is durable.
- The performance of this material is very good, the material is anti-scratch. Bright colour, red, very easy to identify in the rescue process belongs to the high specification.
- Fully ergonomic, wearing freedom of movement.
- Highly reflective fluorescent tape allows for immediate detection of hazards at night.
- The drysuit has a front zip closure storage pocket and plush lined handwarmer pockets on both sides.
- Integrated waist cinching system with gummied seams to ensure no leakage.
- The neck and cuffs are made of high quality latex rubber, which fits snugly against the skin and ensures no leakage.
- Adjustable patches on neck, cuffs, waist and ankles for a snug fit and easy rescue.
- The crotch is designed with a high-strength waterproof zip and a protective cover, so you don't have to take off the whole garment when you go to the toilet.
- Elbows, knees and other areas prone to wear and tear are reinforced to enhance abrasion resistance.

Water Rescue Dry Rescue Suit

- The material of this one is made of waterproof and breathable fabric, which is durable.
- The performance of this material is very good, the material is anti-scratch. Bright colour, red, very easy to identify in the rescue process belongs to the high specification.
- Fully ergonomic and freedom of movement when worn.
- The SOLAS certified high intensity reflective inserts make it easy to be the first to spot danger at night.
- The front chest is fitted with a slant entry, high strength, airtight waterproof zip for quick on and off.
- The seams are rubberised to ensure no leakage.
- The neck and cuffs are made of high-quality latex rubber, which fits snugly against the skin and ensures no leakage.
- Neck, cuffs, waist and ankles with adjustable Velcro, wearing a snug fit, easy to rescue.
- The crotch is designed with a high strength waterproof zip, so you don't need to take off the whole garment when going to the toilet.
- Elbows, knees and other easy to wear areas, with reinforcement.
- Built-in adjustable straps, can be adjusted to the right size.

Water Rescue Wet Rescue Suit

- Neoprene material provides good heat reflection and flexibility in cold temperatures.
- Special POWERSPAN™ material is used on the shoulders, back and arms to improve flexibility.
- The YKK® one-way front zip on the top, cuffs and ankle zips make putting on and taking off the gear quick and easy for the rescuer.
- All seams are sewn with a concealed needle and are reinforced and glued to ensure warmth and comfort.
- There are polyurethane coated pads on the knees and calves for extra protection.
- On the sides of the torso there are high friction areas for use with PFD fixings.
- The arms have fluorescent reflective zones and have RESCUE rescue lettering for increased rescuer alert.
- The knees, elbows and hips have been thickened for extra wear and tear.
- There are pockets on the legs for easy access to carry-on items.



Firefighting lifejacket

- Lifejacket colour: orange.
- Fastening is in the form of buckles and zips.
- The airbag of the lifejacket is reliably connected to the body of the lifejacket and can be replaced when it is damaged or fails without damaging the body of the lifejacket.
- The lifejacket is fitted with a portable inflatable lifebuoy which can be separated from the lifejacket when in use.
- It is equipped with a crotch strap that can prevent the wearer from floating and fluctuating after entering the water, which effectively prevents the life jacket from fluctuating or detaching from the body in the water, and makes the buoyancy of the life jacket more effective.



Rapids Rescue Life Jacket

- A multifunctional belt around the chest with a PFD self-rescue device.
- Two large-capacity drainage mesh pockets on the front (removable design).
- One shoulder pocket for walkie-talkie (detachable design).
- The front hanging point design is convenient for the user to use and fix the knife and whistle.



Rapids Rescue Life Jacket

- The lifejacket is made of high tenacity nylon fabric or equivalent material with resistance, tear resistance and durability.
- Lightweight and large buoyancy float material, non-absorbent, strong thermal insulation performance.
- Buoyancy $\geq 150N$ (33lbs).
- Lifejacket chest closure reinforced with external double snap fasteners and YKK zip.
- Channel adjustable shoulder straps, quick release life belt around the chest comes with stainless steel O-rings.
- Two front drainage pockets with cut resistant material and dual pockets with multiple rescue tactical expansion external hanging points.
- Multiple hanging points on front and back of lifejacket for attaching rescue knives, whistles, glow sticks, locator lights and many other accessories.

Foam extinguishing agents and devices

FOAM EXTINGUISHING

EQUIPMENT



CN-SJXF

Foam fire extinguishing agent is a new type of foam fire extinguishing agent, which is jointly developed by our company and the domestic famous chemical research institute, adopting the environmental protection surfactant of DuPont of the United States, and configured by unique formula, with the features of fast fire extinguishing, anti-repeating, environmental protection, long shelf life and stable quality.

Dry powder fire extinguishing agent

ABC dry powder fire extinguishing agent is composed of ammonium phosphate salt, ammonia carbonate as base material, with appropriate addition of moisture-proof agent, anti-caking agent, flow promoter, etc. This fire extinguishing agent has the characteristics of fast fire extinguishing speed, high fire extinguishing efficiency, good electric insulation performance and long storage period.

It is widely used in oil fields, oil depots, ships, warehouses, oil refineries, transformer rooms, petrochemical enterprises, wood processing plants, residential homes and other places. It can be used in combination with fluorine egg self-foaming fire extinguishing agent or aqueous film-forming foam fire extinguishing agent to extinguish large petroleo product fires. It is packed in 25kg woven bag.

It should be sealed and stored indoors in a cool, dry and ventilated environment at a temperature of -5-40°C.

Product name	Product composition	Extinguishing objects	Storage period	Product grade
dry powder fire extinguishing agent	NH4H2PO4(50%)+(NH4)2SO4(25%)NH4H2PO4(90%)	combustible liquids, gases, fires in electrically charged equipment and fires in solid materials in general.	two years	IIB

High-multiplicity foam fire extinguishing agent

High-multiplicity foam fire extinguishing agent is composed of high-efficiency blowing agent as the base material, and foam stabiliser, solvent, anti-freezing agent and so on are added appropriately. It belongs to high and medium times general-purpose synthetic foam fire extinguishing agent, and can be used in various types of high and medium times foam generating equipment. It has the features of high foaming multiplicity, rapid fire extinguishing, small water loss, and easy to resume work after fire extinguishing.

Widely used in coal mine, tunnels, hangars, car parks, ships, warehouses, basements and other limited space, as well as the ground large-area oil fires in high and medium foam generation equipment.

Packed in 25kg, 50kg, 200kg plastic drums.

It should be sealed and stored indoors in a cool, dry and ventilated environment at a temperature of -5-40°C.

The product is suitable for freshwater and seawater.

Our company can customise the cold-resistant type products.

Product name	Product composition	Fire extinguishing object	Storage period	Product grade
High-multipier foam fire extinguishing agent	2%G 3%G 6%G	hydrocarbon: crude oil, petrol, fuel oil	three years	IA

Medium-multiple foam fire extinguishing agent

Medium-multiplicity foam fire extinguishing agent, suitable for various medium-multiplicity foam generators, is used for covering large areas of flammable, combustible, and dispersible liquids, and is more effective.

Widely used in all kinds of chemical warehouses, large chemical plants, distilleries, ship transport.

The products are packed in 25kg, 50kg, 200kg plastic drums.

It should be sealed and stored indoors in a cool, dry and ventilated environment at a temperature of -5-40°C.

The product is suitable for fresh water and seawater.

Our company can customise cold-resistant and low viscosity products.

Product name	Product composition	Extinguishing object	Storage period	Product grade
medium-multiple foam fire extinguishing agent	ZIAR3% ZIAR6%	alcohol, ester, ether, ketone, organic acid and other water-soluble flammable, flammable liquid	two years	IA

Water-based fire extinguishing agents

Water-based fire extinguishing agent is formulated by foaming agent, co-solvent, stabiliser, hydrocarbon surfactant and water. It can be remedied and has the features of high fire extinguishing efficiency, strong anti-reignition ability, non-pollution, non-toxicity, non-irritation and so on.

It can be widely used in industrial and mining enterprises, hotels, theatres, entertainment venues, schools, hospitals and commercial and residential buildings and other venues

It can be widely used in industrial and mining enterprises, hotels, theatres, entertainment places, schools, hospitals and commercial and residential buildings.

Product name	Specification	Fire extinguishing object	Storage period	Fire extinguishing grade
Water-based fire extinguishing agent	S-3-AB S-6-AB S-10-AB	Class A (solid) Class B (liquid) and general Class E appliances of the initial fire	two years	

F500 Foam Fire Extinguishing Agent

F-500 microcellular capsule technology is the United States Hazardous Materials Control Technology Corporation (HCT) developed a new type of efficient fire extinguishing, explosion-proof, environmentally friendly technology, the world's most advanced fire suppression technology.F-500 not only has the effectiveness and efficiency of the You Yue, but also harmless, non-toxic, non-corrosive to the environment, can be completely biodegradable, without the need for special equipment. The product is packaged in 20 L US drums.

It should be sealed and stored indoors in a cool, dry and ventilated environment at a temperature of -5-40°C.

Product name	Specification	Extinguishing object	Storage period	Extinguishing grade
F500 Foam Fire Extinguishing Agent	Class A 1%, Class B 3%	Class A, Class B, Class C, Class D fire	two years	

Class A, B foam fire extinguishing agent

Class A, B foam fire extinguishing agent is a new type of efficient compressed air foam fire extinguishing agent, a new type of environmentally friendly hydrocarbon surfactants, stabilisers and solvents refined from a new type of high efficiency, environmentally friendly foam fire extinguishing agent, with a fast fire control speed, high efficiency of water use in the fire scene, with thermal insulation, radiation protection, the advantages of anti-combustion.

It is widely used in fighting solid fires in high-rise buildings. Typically used in foam/water spray fire extinguishing systems and fire extinguishing equipment in aircraft hangars, oil loading and unloading areas and processing areas. Packed in 25kg, 50kg, 200kg plastic drums.

It should be sealed and stored indoors in a cool, dry and ventilated environment at a temperature of -5-40°C.

The product is suitable for freshwater and seawater.

Our company can customise cold type and low viscosity type products.

Product name	Fire extinguishing object	Storage period	Fire extinguishing class
Class A foam fire extinguishing agent	hydrocarbon: crude oil, petrol, fuel oil	three years	IA
Class B foam fire extinguishing agent			

Fluorine protein foam fire extinguishing agent

Fluorine protein foam fire extinguishing agent is formulated by adding appropriate fluorocarbon surfactant into protein foam fire extinguishing agent.

It is widely used in oil fields, oil depots, petrochemical enterprises, ships, airports and units storing large quantities of oil products to extinguish large-area oil fires.

It is packed in 25kg, 50kg and 200kg plastic drums.

It should be sealed and stored indoors in a cool, dry and ventilated environment at a temperature of -5-40°C.

The product is suitable for freshwater and seawater.

Our company can customise cold-resistant and low-viscosity products.

Product name	Specification	Extinguishing object	Storage period	Extinguishing class
Fluoroprotein Foam Fire Extinguishing Agent	3%(FP, -10°C) 6%(FP, -10°C)	Oil polar solvent fire	two years	IIB

Fluoroprotein anti-soluble foam fire extinguishing agent

Fluorine protein soluble foam fire extinguishing agent (also called multifunctional fluorine protein foam fire extinguishing agent) is refined by adding appropriate anti-alcohol agent and additives in fluorine protein foam fire extinguishing agent.

It is widely used in large-scale petrochemical enterprises, chemical fibre factories, oil depots, solvent factories, brewery chemical product warehouses, ships, airports, oil platforms, storage terminals and so on.

Packed in 25kg, 50kg, 200kg plastic drums.

It should be sealed and stored in a cool, dry and ventilated environment with the temperature of -5-40°C.

This product is suitable for freshwater and seawater.



Product name	Specification Model	Extinguishing object	Storage period	Extinguishing class
Fluorine protein anti-soluble foam fire extinguishing agent	3%(FPI/AR, -8°C) 6%(FPI/AR, -8°C)	oil and alcohol, ether, ester, ketone, aldehyde and other polar solvent fire	two years	IIB

Anti-soluble foam fire extinguishing agent

Anti-soluble foam fire extinguishing agent is composed of microbial polysaccharide, hydrocarbon surfactant, fluorocarbon surfactant, auxiliary agent, preservative and so on.

It is widely used in large-scale petrochemical enterprises, chemical fibre factories, oil depots, solvent factories, brewery chemical product warehouses, ships, airports, oil extraction platforms, storage terminals and so on.

Packed in 25kg, 50kg, 200kg plastic drums.

It should be sealed and stored in a cool, dry and ventilated environment with the temperature of -5-40°C.

This product is suitable for freshwater and seawater.



Product name	Specification Model	Extinguishing object	Storage period	Extinguishing grade
Anti-soluble foam fire extinguishing agent	3%(SIAR, -8°C) 6%(SIAR, -8°C)	oil and alcohols, ethers, esters, ketones, aldehydes, amines, organic acids and other polar solvents fire	two years	

Aqueous film-forming foam fire extinguishing agent

Aqueous film-forming foam fire extinguishing agent (also called light water foam fire extinguishing agent) consists of hydrocarbon surfactant, fluorocarbon surfactant, additives, stabiliser, antifreeze and so on.

It is widely used in oil fields, oil refineries, oil depots, ships, wharves, petrochemical companies, chemical enterprises, airports, underground garages and so on.

Packed in 25kg, 50kg, 200kg plastic drums.

It should be sealed and stored in a cool, dry and ventilated environment with the temperature of -5-40°C.

This product is suitable for fresh and sea water.



Product name	Specification Model	Extinguishing object	Storage period	Extinguishing grade
Aqueous film-forming foam fire extinguishing agent	3%() 6%()	oil non-polar solvent fire	eight years	

Aqueous film-forming anti-soluble foam fire extinguishing agent

Aqueous film-forming anti-soluble foam fire extinguishing agent is composed of hydrocarbon surfactant, fluorocarbon surfactant, auxiliary agent, stabiliser, anti-freezing agent and so on.

It is widely used in oil fields, oil refineries, oil depots, ships, large chemical plants, chemical fibre plants, petrochemical enterprises, chemical product warehouses, solvent plants, etc.

It is packed in 25kg, 50kg, 200kg plastic drums.

It should be sealed and stored in a cool, dry and ventilated indoor environment with a temperature of -5-40°C.

This product is suitable for freshwater and seawater.

Our company can customise cold-resistant and low-viscosity products.



Product name	Specification Model	Extinguishing object	Storage period	Extinguishing grade
water film-forming anti-soluble foam fire extinguishing agent	3%() 6%()	oil and alcohol, ether, ester, ketone, aldehyde, amine, organic acid and other polar solvents fire	two years	



Hand-operated foam self-priming gun



Foam gun 8L/S304



Foam gun



Foam gun



Air foam gun (low multiple)



Wine truck water gun



Low multiple foam gun



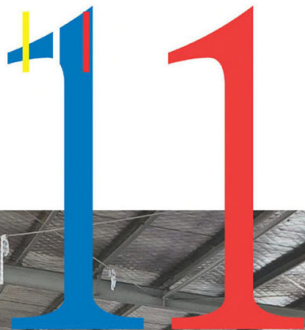
Foam bucket



Foam bucket



Foam bucket



Fire engines



250 Four-wheeled Fire Fighting Motorcycle
(hand pump)



Technical Parameters

Name and Model: One 4-wheeled fire-fighting motorcycle/
XMC4JB/9.6-LH250ATV-GL

Model: Displacement 250cc

Steering mode: handlebar type

Transmission: shaft drive

Engine: Single-cylinder, air-cooled

Curb mass: 370kg

Crew: 1 person

Transmission: Automatic Clutch

Starting method: electric start

Brake: front and rear disc brake

Speed: ≥ 48 km/h

Braking distance: ≤ 8 m

Outline dimension: $\leq 2290 \times 1150 \times 1590$ mm

Name and model: Hand-operated motorised fire pump 1 set

Suction diameter: 65mm

Outlet diameter: 65mm

Starting direction: electric start/self-returning hand-pulled rope wheel

Starting priming mode: rotary vane vacuum pump

Rated pressure: 0.55MPa

Rated flow: 10L/S

Weight: 65KG

Power: 9.6KW 7m suction pipe 1pcs

Alarm: 1pcs

Function: car high-power alarm with shouting propaganda function

Other: 1 DC water gun, 2 4kg powder fire extinguishers, 1 iron hook and iron collar



300 Four-wheeled Firefighting Motorcycle



Technical Parameters

Name and Model: 300 Four-wheeled Fire Fighting Motorcycle/XMC4PW/100-LH300ATV-B-GL

Model: Displacement 300cc
Steering mode: Handlebar
Transmission: shaft drive
Engine: Single-cylinder, air-cooled
Total mass: 605kg
Occupant: 1 person
Transmission: Automatic Clutch
Starting method: electric start
Brake: front and rear disc brake
Speed: ≥ 51 km/h
Braking distance: ≤ 8 m
Outline Dimension: $\leq 2290 \times 1150 \times 1590$ mm

Name and model: 1 set of spray fire extinguishing device
Stainless steel water storage tank volume (L): 100
High pressure pump outlet pressure: ≥ 4 MPa
Spray gun outlet pressure: ≥ 3 MPa
Flow: fine water mist 22L/min, water mist 22L/S
Spraying distance: fine water mist 8m, water mist 15m
Effective spraying time: ≥ 4 (min)
Other: a fine water spray gun, 30 m high-pressure pipe and a set of reel, water and foam tanks and foam can be automatically mixed with a set of systems
Fire extinguishing performance: 4A, 144B
Alarm 1 pcs: car alarm with high power alarm with shouting propaganda function
Other: DC water gun 1 pcs, 4kg dry powder fire extinguisher 2 pcs, 4kg dry powder fire extinguisher 2 pcs, iron hook iron collar 1 pcs"



410 Four-wheeled fire-fighting motorbike



Technical Parameters

Name Model: 410 Four-wheeled Fire Fighting Motorcycle/XMC4PW/130-JB/11-LH410-GL

Engine Type: Single-cylinder, water-cooled, four-stroke, direction-assisted, EFI, four-wheel drive (including cab)
Displacement: ≥ 410 CC
Clutch type: automatic clutch
Brake type: front/rear, disc type
Maximum net power: ≥ 17 kW
Starting mode: electric starter
Full load mass: ≥ 980 kg
Acceleration noise dB(A): ≤ 82
Braking distance: ≤ 7 m
Maximum speed: ≥ 50 km/h
Outline Dimensions: Length: ≤ 2800 mm; Width: ≤ 1400 mm; Height: ≤ 2000 mm
Spray fire extinguishing device 1 set: stainless steel water tank volume (L) ≥ 130 (including foam tank 15L)

Rated working condition of spray gun: working pressure: 3MPa
Flow / water mist: fine water mist ≥ 0.3 L / S / 0.3 L / S

Spray distance: fine water mist ≥ 12 m; water mist ≥ 15 m

Effective spraying time: ≥ 6 (min)

Others: a fine water mist spray gun, 30m high pressure pipe and reel set, water and foam wave box and foam can be automatically mixed system set

Fire extinguishing performance: 4A, 144B

Hand-operated motorised fire pump 1: rated flow: ≥ 12.5 L / S; rated pressure: ≥ 0.55 MPa

Maximum head / inlet diameter / outlet diameter / power: ≥ 70 m/65mm/65mm/11Kw

Water diversion mode / suction pipe length: rotary vane vacuum pump water diversion / ≥ 7 m

Others: 1 DC water gun, 1 suction pipe

Fire hose 2 discs: lined; fire hose: elongation: $\leq 4\%$

Burst pressure: ≥ 3.7 MPa, diameter: 65mm, length of each disc 20 m

Meet the technical requirements of GB6246-2011 《Fire hose》 : Others: DC water gun 1 Put, 4kg dry powder fire extinguisher 2 Only, ground fire hydrant wrench 1 Only, suction pipe 1 Root



450 Four-wheeled fire-fighting motorbike



Technical Parameters

Name Model: 450 Four-wheeled Fire Fighting Motorcycle/
XMC4JB/13.0-PW/135-XY450UTV-GL

Engine Type: Single-cylinder, water-cooled, four-stroke,
directional assistance, EFI, four-wheel drive (including cab)

Displacement: ≥450CC

Clutch type: automatic clutch

Brake type: front/rear, disc type

Maximum net power: ≥19 kw

Starting mode: electric starter

Full load mass: ≥1000kg

Acceleration noise dB(A): ≤75.7

Braking distance: ≤7m

Maximum speed: ≤50km/h

Outline size: length: ≤2800mm; width: ≤1400mm;

height: ≤1200mm

Spray fire extinguishing device 1 set: stainless steel water
tank volume (L) ≥ 130 (including foam tank)

Rated working condition of spray gun: working pressure: ≥3.5MPa

Flow / water mist: fine water mist ≥ 0.3L / S / ≥ 0.3L / S

Spray distance: fine water mist-12m; water mist-15m

Effective spraying time: ≥6(min)

Others: one fine water mist spray gun, one set of 30 m high pressure pipe and reel,
one set of water and foam liquid tank and foam can be mixed automatically.

Hand-operated motorised fire pump 1: rated flow: ≥ 12.5LS;

rated pressure: ≥ 0.55MPa

Maximum head / inlet diameter / outlet diameter: ≥ 70m / 65mm / 65mm

Division mode / suction pipe length: rotary vane vacuum pump diversion / ≥ 7m

Others: 1 DC water gun, 1 suction pipe

Fire hose 2 discs: lined; fire hose: elongation: ≤ 4%

Burst pressure: ≥3.7MPa; diameter: 65mm; length of each disc 20 m

Meet the technical requirements of GB6246-2011 《Fire Hose》 :

Others: DC water gun 1Put, 4kg dry powder fire extinguisher 2 Only, ground fire
hydrant wrench 1 Only, suction pipe 1 Roof"

Fire fighting smoke exhausting and extinguishing robot



Technical Parameters

I. Overall requirements

1.1 It must conform to the GA892 standard and have the inspection report issued by the National Fire Equipment Quality Supervision and Inspection Center.

1.2 Used for smoke exhaust and cooling at the scene of subway, tunnel and building fire accidents.

1.3 It is composed of mobile carrier, control device, self-protection device and airborne equipment, and has the functions of manual remote control, semi-autonomous or autonomous control.

II. Performance requirements

2.1 The weight of the whole machine 3600KG(±50KG), the traction force of the whole machine 27KN.

2.2 Ground clearance 210MM(±10MM).

2.3 fire exhaust robot equipped with all-terrain tracks, can be all-terrain through; can be rotated in place, equipped with water mist self-protection device, can be exported to the external 10KVA, 220V power supply for emergency power on site, with an independent water circuit, water cannon system, the robot can not rotate in the car in the case of the remote control of the water cannon swing up and down left and right.

2.4 Lateral stability angle 30 stairs or slopes; maximum height over obstacles 220MM.

2.5 Power available maintenance-free battery pack or petrol engine, diesel engine to provide power, can load not less than 2000KG objects free movement, able to drag four full of water 100m 80 water belt walking.

2.6 Straight-line speed on the horizontal ground 1.4M / S.

2.7 Straight running deviation is not more than 3% of the measured distance.

2.8 Braking distance 0.2M, turning diameter 4000MM.

2.9 Good waterproof performance, waterproof grade greater than IP54.

2.10 Be able to work continuously at full power for not less than 10 h, and the whole machine is stable and reliable during the continuous work.

2.12 Need to have a high degree of integration, easy to operate, safety and reliability.

2.13 equipped with an independent remote control, remote control is lightweight and easy to carry and operate, controller and video operation display box must be able to operate separately.

2.14 Wind turbines can -10 to 60 (±5) Pitch up and down.

2.15 Smoke evacuator discharge 120,000M³/H.

2.16 with fire-fighting function, can spray water and foam, water cannon maximum flow 150LS ± 10LS), range 100 metres. Water cannon system must be imported brands of dual-use water cannon, water cannon by the water cannon body and water cannon head, in the case of the robot does not move, you can use the remote control water cannon left and right up and down movement.

2.17 The robot is equipped with imported brand engine, power greater than 100KW.

2.18 Dimension: 2980*1650*2580MM(±10MM).

Fire-fighting robot



Technical parameters

I. Overall requirements

- 1.1 It must comply with GA892 standard, and have the inspection report issued by the National Fire Equipment Quality Supervision and Inspection Centre.
- 1.2 It is used for smoke extraction and cooling at the scene of fire accidents in underground, tunnel and building.
- 1.3 It consists of mobile carrier, control device, self-protection device and on-board equipment and other systems, with artificial remote control, semi-autonomous or autonomous control function.

II. Performance requirements

- 2.1 The weight of the whole machine 2000KG (± 50 KG), the whole rate of gravity 14KN.
- 2.2 Limit 200MM(± 10 MM) from the ground.
- 2.3 Equipped with all-terrain tracks, can be all-terrain through: can be rotated in place, equipped with fine water mist self-protection device, the robot can be exported to the outside 10KVA, 220V power supply for emergency power on site.
- 2.4 Climbing ability 40°, lateral stability angle 35° stairs or Kobo, the maximum height of the barrier 300MM.
- 2.5 Power available maintenance-free battery pack or petrol engine, diesel engine to provide power, can load 1000KG objects free movement, able to drag four full of water 100m 80 water belt walking.
- 2.6 Straight-line speed on the horizontal ground 1.4M / S.
- 2.7 Straight running deviation is not more than 3% of the measured distance height.
- 2.8 Braking distance 0.2M, turning diameter 2900MM.
- 2.9 Good waterproof performance, waterproof grade is greater than IP54.
- 2.10 can work continuously at full power for not less than 10 hours, and the whole machine is reliable during continuous work.
- 2.11 Need to have a high degree of integration, easy to operate, safety and reliability.
- 2.12 equipped with an independent remote control, remote control is lightweight and easy to operate with, remote control and video operation display box must be able to operate separately.
- 2.13 with the shooting function, the installation of full high-definition video transmission.
- 2.14 fire-fighting capacity: the body is equipped with imported brands of high-flow dual-use water cannon, the maximum flow rate of 150LS (± 10 LS), bubble pressure 0.8MPA, bubble range 80M, the water cannon pass the angle of elevation -30-90°.
- 2.15 Operating range: fixed-point operation, the control range up to pitch 30°, horizontal 120° of the three-dimensional space; movement operation, the control range up to pitch 30°, horizontal 360° of the three-dimensional space.
- 2.16 External dimensions: 2370*1450*1550MM(± 10 MM).



Breaking Tools



E-FORCE3

electro-hydraulic expander series

- There are three different sizes of electro-hydraulic dilators
- The maximum expansion distance is from 610mm to 735mm
- Meets EN and NFPA certification standards
- Universal hydraulic cylinder technology with conversion to motorized hydraulic tools



E-FORCE3

electro-hydraulic shear series

- There are four different sizes of electro-hydraulic shears
- The maximum opening distance is 160mm to 260mm
- Meets EN and NFPA certification standards
- Universal hydraulic cylinder technology with conversion to motorized hydraulic tools



E-FORCE3

Electro-hydraulic shear expander series

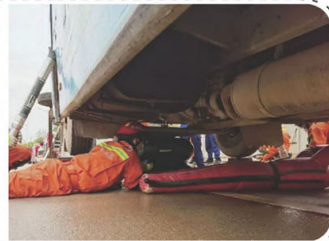
- There are three different specifications of electro-hydraulic shears
- The expansion distance is from 270mm to 370mm, and the tractive force is up to 72kN
- Meets EN and NFPA certification standards
- Universal hydraulic cylinder technology with conversion to motorized hydraulic tools



E-FORCE3

Electro-hydraulic rescue pole series

- There are four different sizes of electro-hydraulic rescue jackrods
- Single-stage ejector and two-stage ejector
- Retraction length 540mm
- Maximum support distance up to 1500mm





Concrete Breaker BC250



- Special equipment that can handle the most difficult rescue scenes
- It is suitable for breaking thick concrete blocks quickly
- The handle and guard can be rotated, and the crushing head can be replaced quickly



Hydraulic seam ripper SPK250



- Hydraulic spreading device capable of opening gaps
- Creates an initial gap in the smallest of gaps for pneumatic lifting pads
- Minimum insertion distance of only 8mm
- Maximum spreading distance up to 61mm and spreading force of 25 tonnes
- Tested to EN 13204 and NFPA 1936.
- Specially hardened spreading head



Door opener set

Complete set for quickly opening security doors and lifting heavy objects such as concrete blocks, iron beams, etc.

Set includes hand pump, hose, door opener and box
Hydraulic door opener can also be purchased separately

Miniature Fire Station

The fire cabinet is suitable for storing fire suits, fire helmets, fire boots, fire axes and other fire accessories. In the event of a fire, the firefighting equipment can be removed by simply breaking the fire glass.





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