




**China International
Emergency Management Exhibition**

2026.09.08-10 Beijing · China



***International Promotion Catalogue
of Emergency Management
Technologies and Equipment***

 **Contact:** Li Jian

 **Tel:** +86-15701578941

 **E-mail:** lijian@esindustry.org

Host:

International Exchange and Cooperation Center,
Ministry of Emergency Management, P.R. China

Contents

01

Urban Safety & Security Technologies.....4

02

Industrial Safety & Emergency Response Equipment.....20

03

Integrated Fire & Rescue Solutions.....34

04

Disaster Prevention, Mitigation & Relief Solutions.....70

Foreword

As the world faces increasingly complex challenges arising from climate change, natural disasters, urban safety, industrial risks, and other public security concerns, the global demand for stronger emergency management capabilities and advanced safety technologies continues to grow. Enhancing international cooperation in emergency management, promoting the sharing of technological innovations, and strengthening industrial collaboration have become key priorities in advancing global public safety governance.

China attaches great importance to the development of the safety and emergency response industry and to international exchange and cooperation in this field. Through continuous innovation in emergency management technologies and equipment, China actively participates in international cooperation mechanisms for disaster risks reduction, and emergency management under the Belt and Road Initiative, while deepening practical collaboration with partners worldwide in areas such as disaster risk reduction, workplace safety, fire and rescue services, smart emergency response, and emergency preparedness.

As a leading international platform for exchange and cooperation in China's emergency management sector, the China International Emergency Management Exhibition is committed to fostering global industry connectivity and cooperation. The exhibition serves as an important bridge for Chinese enterprises seeking to expand internationally, strengthen global partnerships, and enhance their international presence.

To further support the international development of China's safety and emergency response enterprises, promote advanced technologies and innovative solutions in the global market, and facilitate industrial cooperation and business engagement across the international emergency management community, the International Promotion Catalogue of Emergency Management Technologies and Equipment (hereinafter referred to as the "Catalogue") has been specially compiled.

The Catalogue presents a selection of representative Chinese technologies, equipment, and integrated solutions across the safety and emergency management sector. Designed for international government agencies, industry organizations, professional buyers, and end users, it provides a comprehensive overview of China's innovation capabilities, manufacturing strengths, and practical applications in the field of emergency management.

In recent years, emerging technologies such as artificial intelligence, unmanned systems, big data, satellite communications, and the Internet of Things have accelerated the transformation of the global safety and emergency response industry, driving emergency management systems toward greater intelligence, digitalization, and modernization. Guided by innovation-driven development, Chinese enterprises continue to enhance their technological capabilities and international service standards, developing globally competitive products and solutions in areas including fire and rescue, disaster prevention and mitigation, industrial safety, emergency communications, and intelligent monitoring.

It is our hope that this Catalogue will serve as an important window for international partners to better understand the development and capabilities of China's safety and emergency response industry, while also acting as a valuable platform for international cooperation, brand promotion, technology exchange, and market expansion. Through more open, practical, and mutually beneficial partnerships, we look forward to strengthening collaboration with government agencies, industry associations, research institutions, and enterprises worldwide, and jointly advancing the global application and coordinated development of advanced safety and emergency management technologies and equipment, contributing to a safer and more resilient world.

International Exchange and Cooperation Center,
Ministry of Emergency Management, P.R. China
China International Emergency Management Exhibition

Urban Safety & Security Technologies



BEIJING ANTAEUS BROS TECH Co., Ltd.

liu@manikinlab.com
www.manikinlab.com



Thermal Sweating Manikin

Body dimension optimization is available in accordance with ISO international anthropometric standards and Chinese national anthropometric standards. Customization supports versions for specific regions, including Western China, Southwest China, Southeast Coastal China, the Middle and Lower Yangtze River Region, Northern China, East Asia, Southeast Asia, South Asia, the Middle East, Western Europe, Eastern Europe, North America, and South America. Options include thermal manikins for males, females, children, and infants. The system supports ≥ 50 independently and precisely controlled temperature control zones. It is capable of simulating human metabolic heat production, sweating, respiration, and movement. Equipped with a built-in human thermoregulation model, it measures key parameters such as thermal resistance and evaporative resistance of clothing, enabling quantitative assessments of thermal-wet comfort, protective performance against heat and cold, exposure time limits under extreme temperature conditions, and prediction of physiological thermal stress. It is widely used in the R&D of various PPE.



Thermal Sweating Manikin Parts

This series includes male, female, child, and infant versions of thermal sweating manikin parts, as well as isolated head, hand, foot, and torso parts. All are equipped with multiple independently controlled heating zones and independently regulated sweating zones, enabling precise zone-specific temperature control and differentiated adjustment of sweat rate and volume across various regions. This allows for detailed simulation of realistic thermal and moisture conditions during metabolic heat production and sweating. These parts can be used to evaluate the comprehensive thermal protective performance and thermal-wet comfort of products such as firefighter helmets, face shields, smart wristbands, earphones, and extreme temperature protective gloves and boots.

Beijing Fangxuan Technology Co., Ltd.

liuhui@fangxuantech.com
http://www.fangxuan.tech/



The dedicated intelligent emergency rescue UAV for confined spaces

This fully autonomous, multi-payload integrated UAV is purpose-built for emergency rescue in underground confined spaces. It addresses core pain points in tunnel collapse, fire and toxic gas leakage accidents: personnel inaccessibility to high-risk areas, inaccurate disaster detection and delayed data transmission, while solving key challenges of autonomous flight and full-domain detection under extreme "satellite outage, network disconnection, power failure conditions.

Equipped with our self-developed tightly coupled LiDAR SLAM + visual odometry + inertial navigation system, it adapts to harsh environments with strong magnetic interference, heavy dust and low light. It integrates dual-radar omnidirectional obstacle avoidance, onboard AI risk identification, multi-gas sensing and infrared life search, completing full rescue operations independently with no need for personnel entry or external computing devices.

With full independent intellectual property rights, it fits tunnel emergency scenarios across transportation, water conservancy, municipal and mining sectors, delivering reliable support for emergency rescue teams at all levels.



Anti-UAV Intelligent System

The product adopts a layered architecture to form a closed loop of Perception-Decision-Execution, with clear-layered functions and efficient collaboration.

The basic support & resource layer acts as the core base, integrating an AI algorithm engine (visual recognition, autonomous flight control and swarm collaboration models), 5G/private network communication, edge-cloud computing, and hardware resources including radar, optoelectronic devices and interception drones of impact and net-capture types, supporting upper-layer applications.

The core business layer undertakes underlying resources to deliver full anti-UAV capabilities, covering early warning detection, target identification, AI threat assessment, decision planning, command execution with optional interception modes and low collateral damage control, as well as effectiveness evaluation.

The application scenario layer covers key infrastructure protection, border and key site patrol, major event security, and urban low-altitude regular safety governance.

Beijing Walles Technology Co., Ltd.

marketing@walles.cn
<http://www.walles.com.cn/>



WLXT-BXP backpack terminal: flat-panel feed, 3-axis auto-deploy. Supports Ka/Ku, one-key sat acquisition. Optional 0.45/0.6m antenna. Integrates BUC, LNB, modem, WiFi, Multiple charging modes.



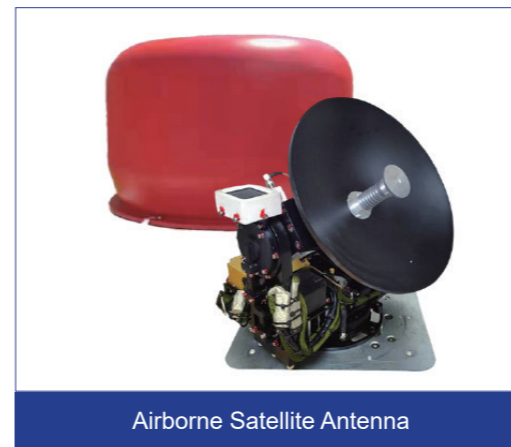
WLXT-BXY backpack terminal: auto 3-axis, 0.6/0.8m optional, Ku/Ka bands. Integrates BUC/TRX, Modem, WiFi for full VSAT. Supports fast Ku/Ka time-sharing switch. 3 power modes: Li-ion, external battery pack, external adapter.

Beijing Sinotech Going Sci. & Tech Co., Ltd.

bjyh5821@163.com
www.cntec.net.cn



CNTEC ZK300S is an open network satellite modem with data rates ranging from 32kbps to 100Mbps. Provide standard RJ45 interface, in addition to EIA422 and EIA232 interfaces, built-in gateway function, and provide QoS guarantee. The architecture of ZK300S is based on firmware and programmable gate array (FPGA), and it is easy to update internal flash memory through debugging ports or remotely. The ZK300S modem integrates options for BUC/LNB power supply and 10MHz reference, directly providing 10MHz reference to the transmitting BUC through the Tx feeder, and supplying power to LNB through the Rx feeder, greatly simplifying the system structure, increasing reliability, and reducing on-site workload.



Airborne satellite communication antenna is developed and produced by CNTEC. It has characteristics of accurate star alignment and stable tracking during the flight of the aircraft, providing users with a robust, reliable, efficient and high-quality communication experience, and high-quality voice, data and video between the aircraft and the land under various environment all conditions. and other information transmission and high-speed Internet services in the air.

Eastern Communications Co., Ltd.

✉ lqiang@eastcom.com
 🌐 <https://www.eastcom.com>



The outdoor base station is a high-performance, compact TETRA base station designed for versatile deployment. Weighing less than 23kg with a volume under 20L, it supports wall, pole, and vehicle-mounted installations, making it ideal for both indoor and outdoor coverage.

Built with Software Defined Radio (SDR) technology, it features dual-carrier support and a powerful 80W output. The unit is engineered for extreme environments, boasting an IP68 rating and an operating temperature range of -40°C to +60°C. Key capabilities include voice group calls, Beidou/GPS positioning, and robust encryption. With flexible backhaul options via IP, E1, 5G, or satellite, the BSX-2 ensures reliable mission-critical communication anywhere.



The T8200 Series combines ergonomic design with mission-critical durability. Featuring a 2.0-inch sunlight-visible display and an IP68 rating, it is engineered for stable operation in the harshest environments. Its powerful 3W speaker, enhanced by digital noise reduction, ensures crystal-clear audio even in high-noise settings. Safety is a core priority, with an integrated Man-Down Alarm that automatically reports location and triggers audible alerts during emergencies. Additionally, built-in Bluetooth and GPS/BDS modules enable seamless wireless connectivity and rapid positioning. The T8200 Series is the ultimate tool for users requiring secure, loud, and reliable communication in the field.

GoSLAM

✉ corey.yang@goslam.com
 🌐 <https://www.goslam.com/>



Product Introduction:
 The GoSLAM GA70 is a lightweight and portable entry level 3D laser scanner with a scanning range of 70 meters and an acquisition speed of 200,000 points per second. It supports 5G communication and can be mounted on multiple platforms such as robotic dogs, drones, and vehicles, making it especially suitable for indoor and confined spaces.

Industry Applications:
Public Safety: Quickly scans indoor crime scenes, garage fires, or subway accidents, and transmits high precision 3D models in real time to assist in on site investigation and evidence preservation.

Emergency Rescue:
 Using robotic dogs or drones, the GA70 can enter hazardous areas such as collapsed mines or factories with toxic gas leaks, efficiently capturing spatial structures and providing accurate data to support rescue decision making.



Product Introduction:
 The GoSLAM GA300 is a versatile 3D laser scanner suitable for all scenarios, with a scanning range covering 120 to 300 meters and an acquisition efficiency of up to 320,000 or 640,000 points per second. It supports 5G communication and can be mounted on various platforms such as robotic dogs, drones, and vehicles. Lightweight and portable, it is ideal for both indoor and outdoor large-scale operations.

Industry Applications:
Public Safety: Quickly reconstructs the full scene of major accidents, explosions, or open-air crime scenes, obtaining large-scale, high-precision 3D models to assist in on-site investigation and evidence preservation.

Emergency Rescue:
 For wide-area hazardous environments such as landslides, petrochemical parks, and large-scale collapses, the scanner enables multi-platform, large-range scanning and real-time transmission of spatial data, providing critical support for command decision-making and personnel safety.

Henan Furd Fire Technology Co., Ltd.

furd119@163.com
www.furd119.com



Non-pressurized FK-5-1-12 Fire Extinguishing Device boasts several advantages, including compact size, long lifespan, straightforward structure, and high reliability. It can operate independently and requires no maintenance. Ideal for managing fires in enclosed and intricate small spaces, it finds application in fire suppression within electric bus power lithium battery packs, energy storage facilities, and charging stations.



The fire extinguishing principle of the water mist vortex fan gun is to mix water and foam concentrate in proportion through a pump set, and then spray it through a water mist nozzle, which is then forcefully blown by the vortex fan to decompose into finer droplets. Compared with traditional fire hoses and fire monitors, this effectively increases the fire extinguishing area and improves the fire extinguishing efficiency. At the same time, based on video image recognition technology, once a fire is detected, the vortex fan gun can respond quickly within 60seconds, automatically rotate and locate the fire source within, and accurately aim and effectively extinguish both equipment surface fires and side flowing fires.

JING JIA MICRO

yushengwu145@163.com
www.jingjiamicro.com



LDL-UKU50 is developed based on active phased array communication technology with features of beyond-visual range, ultra-wide bandwidth, and strong anti-jamming. Comm. Speed and Distance: up to 200Mbps@50km



Multi-domain joint anti-jamming technology enables stable communication even when 100% of the working frequency band is jammed. High-precision clock synchronization technology ensures that the clock synchronization accuracy within the network can reach 5ns

Raythink Technology Co., Ltd.

✉ cynthia.chen@raythink-tech.com
 🌐 <https://www.raythink-tech.com/?compare=2170>



PC5 Multi-Spectrum PTZ Camera

PC5 multi-spectral PTZ network camera is designed for forest fire prevention and perimeter monitoring. PC5 is equipping a dual thermal/visible light imaging system, with maximum 150mm thermal lens. Laser rangefinder and laser illumination are optional. PC5 is powered by NPU for AI-ISP to increase the performance in low light condition, as well as provides the capabilities to recognize the human, vehicle, vessel, smoke, fire point, working with various patrol mode to enable uninterrupted safety monitoring day and night. Support TPM technology and meeting the FIPS 140-3 Level 3 standard.



RG630 OGI Handheld Camera

The new-generation RG630 OGI handheld camera is equipped with a customized band-pass filter and an uncooled VOx infrared detector with high resolution and high sensitivity. Powered by infrared gas thermal imaging technology and AI algorithms, the camera enables the non-contact and visual leakage alarm for dozens of gases including methane (CH₄), iron, ammonia (NH₃), and sulfur hexafluoride (SF₆), and meets daily temperature measurement needs. This device is an ideal choice for gas safety, emission management and equipment maintenance in industries such as oil, gas, petrochemical, power utilities, environmental protection, and emergency response.

Shanghai GBCOM Communication Technology Co., Ltd.

✉ 3567721344@qq.com
 🌐 www.gbcom.com.cn



GiMESH Broadband Self-organizing Network Series Equipment

GiMESH Broadband Self-Organizing Network Series Equipment can rapidly build an integrated air-space-ground-water cross-regional broadband multimedia private network for emergency rescue, providing stable communication support. Its core advantages include 100km single-hop transmission (line-of-sight), public network independence for instant dedicated networking in blind areas, automatic multi-hop relay and rapid self-healing for uninterrupted high-throughput services, and standardized modules for seamless integration with unmanned and traditional devices. Its product matrix covers base stations, portable terminals and modules (for UAVs, robotic dogs, etc. as relays), and it is widely used in emergency rescue, fire protection, water conservancy, electric power, forestry, public security and civil air defense.



GiMESH Visualized Intelligent Control Platform

GiMESH Visualized Intelligent Control Platform, the core command and control platform of the broadband self-organizing network, integrates multi-source videos to realize visualized command and dispatch, deeply integrates AI intelligent research and judgment as well as beyond-visual-range flight control capabilities, and achieves the leap from "network connection" to "tactical empowerment"; its core capabilities include panoramic situation visualization that deeply integrates multi-source perception data from front-end individual soldiers, ball cameras, UAVs, etc. with GIS maps to realize unified panoramic view of the scene, AI intelligent auxiliary decision-making that provides scientific disposal suggestions by intelligently matching emergency plans for sudden on-site situations, beyond-visual-range flight control that achieves reliable remote flight control and image transmission of UAVs in complex occluded environments, and flat collaborative dispatch that breaks command level barriers to realize second-level collaboration, and it is widely applied in emergency rescue, fire protection, water conservancy, electric power, forestry, public security and civil air defense.

Shenzhen Asitone Technology Co., Ltd.

✉ liuli@asitone.com
 🌐 <https://en.asitone.com/>



The deployable integrated control station integrates camera, multi-card multi-channel video transmission, recording storage, and real-time image display into a compact video server. It transmits live video to command centers using high-speed processors, embedded OS, H.265 compression/decompression, network technology, and GPS/BDS positioning. Features include portability, robust functionality, high reliability, and extreme shock resistance. Supporting 5G/4G/3G standards with built-in multi-modules, it meets high-stability and high-bandwidth requirements for rapid access. IP-based features include interface backup, traffic statistics, and network attack prevention, maximizing the potential of 5G/4G interfaces.



This portable case integrates audio-video conferencing and multi-network convergence capabilities, enabling "all-in-one storage, instant deployment, and mobile operation." Users can conduct mobile meetings indoors, outdoors, or in vehicles, suitable for defense, smart cities, field inspections, emergency communications, mobile law enforcement, and rapid deployment scenarios.

Shenzhen keweitai enterprise Co., Ltd.

✉ yanzhi.you@keweitai.com
 🌐 www.keweitai.com



Strong wind resistance, carry large pay load up to 15kg,extra long flight time.
 Three payloads could be mounted at the same time, support tethering mode.
 Multi-purpose large drone system.
 Matching load diversification, matching mapping, RTK positioning, obstacle avoidance, goods releasing and other functional modules.
 Suitable for security, forest/city fire fighting, line inspection, sea area inspection, etc.



50kg Large payload flight platform· Carbon fiber rigid structure.
 Highly reliable flight control system.
 Strong ability to cross high mountains and high wind fields.
 With a radius of 10km-25km to deliver 50kg especially suitable for highland mountain transport· Anti-GNSS interference.
 Non-line-of-sight control among mountains.

Xuzhou Kerui Mining Technology Co., Ltd.

✉ 22364530@qq.com
 🌐 <http://www.xzkerui.com>



Mobile Video Monitoring Device

Application: Designed for underground temporary operation monitoring, including drilling, equipment installation, lifting at withdrawal faces, and material loading/unloading. This smart device requires no network connection and features built-in AI capabilities.



AI+ Intelligent Mine Transport Safety Management and Control System

The "Mine Brain" enables unmanned, (all-weather) and 24/7 operation. Through multi-dimensional and multi-angle video recognition, analysis, and statistics, it can promptly identify safety hazards in equipment, facilities, and the environment. It monitors personnel's standardized work behaviors, issues early warnings, and features real-time video intercom with gesture control. Ultimately, it ensures the implementation of coal mine safety production regulations, reduces safety accidents, improves production efficiency, and enhances the overall intelligentization level of the coal mine.

Xuzhou Shuobo Electronic Technology Co., Ltd.

✉ syxzb3c13@163.com
 🌐 www.xzshuobo.com



Excavator Training Simulator


High-fidelity excavator training simulator, based on digital twin technology, delivers a full-process training system. Equipped with a big data analytics engine and supporting modular customization, it effectively empowers skill enhancement and meets the training demands of multi-field operations.



Mining Truck Training Simulator

The high-fidelity mining truck training simulator constructs the operating environment using digital twin technology. It integrates full-scenario training modules, is equipped with a big data analytics system, supports flexible customization, accelerates skill development, and improves efficiency and safety in mining areas.

Kaya (Beijing) International Optoelectronic Technology Co., Ltd.

 bjkaya@126.com

 www.bjkaya.com



Portable Penetration Imager

Functions: Smoke penetration imaging, fog penetration imaging, fire penetration imaging, glass penetration imaging, strong light suppression imaging, low-light/no-light imaging.

Effective observation distance: 10 m (actual range may vary depending on the specific scenario; visibility in smoke environments can increase 3–5 times). The user can perform penetration reconnaissance of high-temperature smoke, fire, fog, and other media within the effective range.

Functionality: Real-time observation, with photo-taking and video recording capabilities, allowing the operator to document every moment for post-rescue analysis and further research.

Shanghai Glaman International Fire-Fighting Equipment Co., Ltd.

 wh@xzhz.com

 <http://www.myfire-sg.com>



Drainage Rescue Truck

The XHZ5200TPSZ6 / XHZ5200XXHZ6 Drainage Rescue Truck is a professional emergency rescue vehicle designed for urban waterlogging, flood control, and drainage operations. It integrates high-power drainage pumps and a robust chassis, delivering a total drainage flow of up to 3,000 L/s. With a working radius of 200 meters and a pump body suction depth of 100 meters, it efficiently handles complex waterlogging scenarios. The vehicle is equipped with a reliable chassis system, ensuring stable performance in harsh field environments, making it an ideal choice for municipal drainage and flood rescue missions.



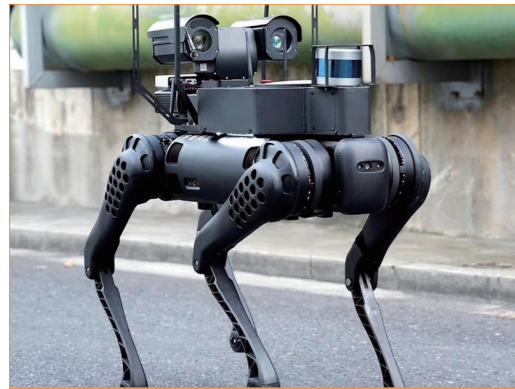
GM85

GM85 High Altitude Drone Fire Fighting Truck

The GM85 High Altitude Drone Fire Fighting Truck is an innovative firefighting solution tailored for high-altitude and complex terrain fire scenarios. It combines a heavy-duty chassis, a compressed air foam system, and a tethered drone system, enabling long-endurance aerial fire detection and extinguishing operations. The drone can operate at an adaptive flight height of 150 meters, while the vehicle's tank capacity holds 2,000L of water and 500L of foam, with a pump rated flow of 200 L/s. This product effectively extends the reach of firefighting operations, providing reliable support for high-rise building fires and mountainous area rescue missions.

SHANXI XINHUA CHEMICAL DEFENSE EQUIPMENT RESEARCH INSTITUTE Co., Ltd.

✉ alexyan@sxxhcl.net.cn
 🌐 www.maskcarbon.com

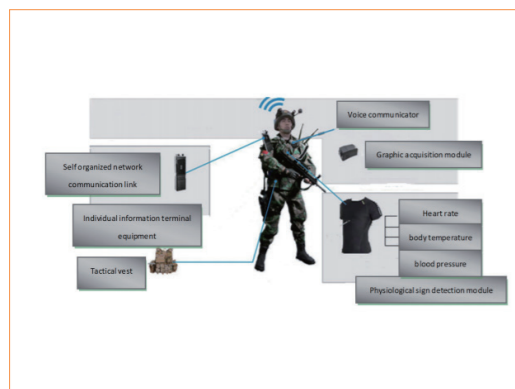


Unmanned CBRN Detection Robotic Dog

The robotic canine platform features:
 Ground/indoor NBC detection with miniaturized sensors
 Two-way ad-hoc network communication with command centers
 sampling capability for:

- Field collection per command instructions
- sample return to shelter for qualitative/quantitative analysis
- post-detection verification

Applicable occasions
 Nuclear, biological and chemical battlefield;
 Chemical weapon destruction operation;
 Biochemical agent clearance operation;
 Emergency counter-terrorism;
 Urban rescue and rescue operation.



Intelligent Personal Protective Equipment

Individual protection Equipment
 The wearable CBRN combat system integrates: core components
 Tactical radio
 Biometric module (ME Ms array sensors). smart wrist terminal
 Advanced capabilities:
 classic chemical warfare agents
 Industrial toxic gases

- continuous vital sign monitoring
- Battle field visualization via MESH networking AI-assisted decision support

Applicable occasions
 Nuclear, biological and chemical battlefield;
 Chemical weapon destruction operation;
 Biochemical agent clearance operation;
 Emergency counter-terrorism;
 Urban rescue and rescue operation.

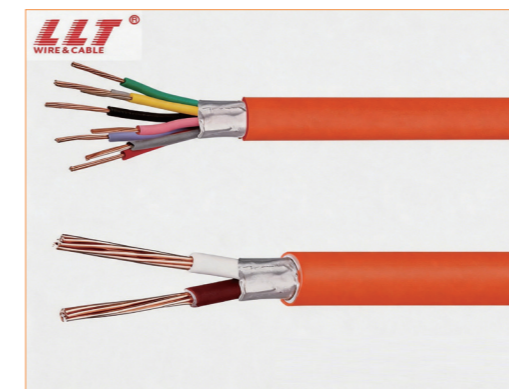
Shenzhen Lilutong Technology Industry Co., Ltd.

✉ intersales002@lltcable.com
 🌐 www.lltsecurity.com



Multi Core Fire Resistant Cable

In all fire disasters, fire smoke, heat and toxic fumes are the main obstacles to safe evacuation of a building or area. A major contribution towards to overcoming fire hazard is the use of fire resistant and non-halogenated cables. These cables provide the features: fire resistance, long-term circuit integrity in a fire, low smoke and toxic gas emissions, flame retardant properties, zero halogen gases, ease and low cost of installation meanwhile robust mechanical & environmental durability.
 “LLT” brand Fire Resistant Cable have been developed to maintain circuit integrity in a fire and to ensure maximum safe evacuation of personnel with no detrimental effects like toxic gases or smoke.
 The cable was approved by compliant to fire resistance EN 50200:2015 (PH30-PH120) and EN 50200 Annex E,BS7629 construction standard, low smoke emissions EN 61034-2,low degree corrosive and acid gas EN 60754-1,fire performance ,BS 6387:2013 Category CWZ and EN 60332-1-2,Halogen Free BS EN 50267-2-1.



CPR Fire Resistant Cable

“LLT” brand CPR Fire Resistant Cable (under EN 13501-6 & EU CPR 305/2011) offering very limited fire contribution, exceptional circuit integrity, and low smoke/toxicity meet EN 50575,EN 13501-6,EN 50399, EN 60332-1-2, EN 61034, EN 50200 and IEC 60331.
 Ultra Low Fire Spread & Heat Release, Low Smoke & Low Toxicity, premium Fire Resistance and maintain Circuit Integrity, widely applications for High rise, hospitals, schools, airports, tunnels, rail, data centers, Escape routes, life safety & firefighting circuits, Public buildings.

SiChuan Safe Technology Co., Ltd.

✉ safetech@scsfkj.cn
 🌐 <http://scsfkj.cn>



This product features a military-grade three-proof portable case with a telescopic pull rod and reinforced handle, balancing portability and protection against bumps, splashes and dust. Powered by a high-performance solid-state battery system, it eliminates the thermal runaway risk of traditional lithium batteries, delivering stable output from -20°C to 60°C for special low/high temperature scenarios.

Special Solid-State Emergency Power Supply (SF-3000X)



This multi-functional emergency power supply vehicle, equipped with a high-safety solid-state battery system and intelligent power distribution system, is purpose-built for emergency rescue, on-site operations and power security scenarios. It enables real-time power monitoring, stable temperature control and multi-device coordinated power supply, delivering safe, efficient and reliable mobile power support for various emergencies and special working conditions.

Emergency Power Vehicle

Suzhou Smart Trusting Protective Clothing Co., Ltd.

✉ joseph@stprotective.com
 🌐 www.stprotective.com



Type: Fire Fighting Jacket
 Color: navy
 Material: NOMEX IIIA ripstop 210gsm PTFE +Kevlar waterproof layer
 Lining:70gsm Kevlar+120gsm Aramid/viscose
 flame-retardant punching reflective tape/7.5CM;
 Features: front closed by flame-retardant metal zipper;
 rib cuff with contrast puller;
 lower pockets closed by FR Velcro;
 Metal D-ring
 Standard: EN469

Fire Fighting Jacket



Type: Firefighter Uniform
 Color: navy
 Size:S-5XL
 Material: NOMEX IIIA ripstop 210gsm PTFE +Kevlar waterproof layer
 Lining:70gsm Kevlar+120gsm Aramid/viscose
 Perforated FR reflective tape;
 Luminous FR reflective tape;
 Features:
 Front closed by button and Velcro;
 Two side pockets closed by Velcro and a luminous reflective tape in the flap;
 210-270G FR Anti-Wicking barrier in the knee;
 FR Red elasticated braces and buckles;
 Standard: EN469

Fire Fighting Pant

Sichuan Zhengcheng Petroleum Technology Development Co., Ltd.

✉ 156445802@qq.com
 🌐 <http://www.esczc.net/>



JH-57 Portable Single Gas Detector adopts catalytic combustion/ electrochemical principles to detect flammable, toxic/hazardous gases and oxygen, with fast response, IP68 protection and Exia IIC T4 Ga explosion-proof rating. It supports Type-C charging, Bluetooth wireless communication for remote data transmission, offers ≥180 hours of battery life, and is compact and portable, widely used in high-risk scenarios such as petrochemical, coal mining and fire protection industries.



JH-37 Composite Gas Detector can simultaneously detect 1-4 gases, adopting electrochemical and catalytic combustion principles with diffusion sampling and a color OLED screen. Weighing only 148g, it features IP68 protection, Exia IIC T4 Ga explosion-proof rating, Bluetooth & WiFi transmission, triple alarm (sound, light & vibration), data storage, ≥12h battery life, and emergency lighting, suitable for petrochemical, fire protection, pipe gallery and other scenarios.

U.PROTEC

✉ up96@uprotec.com
 🌐 <https://www.uprotec.com>



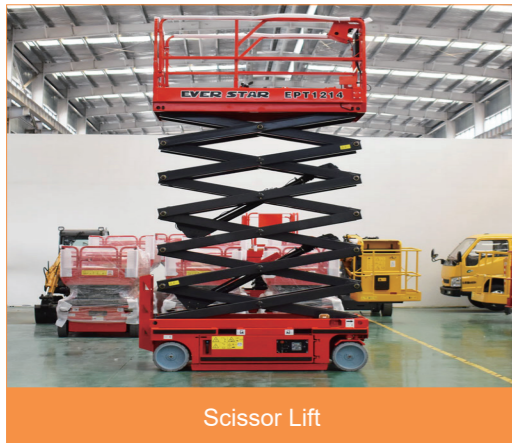
Stand-up collar with easy-grip pieces, Shoulder area with extra reinforcement and padding for more protection and comfort, Micro Loops on both side, Radio pockets on left chest, Lamp loop and fastener on the right chest, Elbows and knee with reinforcement and padding for more protection and comfort, Two side pockets with flap, Perforated reflective tape-more flex more breathable, Reinforcement on sleeve hem for more durability and protection. Width adjustable cuffs Anti-wicking barrier inside sleeve hem, jacket hem and legs hem for more protection, Drag Rescue Device (DRD) on the back, Adjustable waist by Velcro, Front Fly with zipper and Velcro closure, Cargo pockets with easy-grip flap on both side, Removable brace system, Adjustable suspenders, Silver reflective piping on both front and back, Internal inspection openings with zipper closure.



- A. Detachable outer jacket and inner jacket
- B. Stand-up collar with easy-grip pieces
- C. Shoulders area with extra reinforcement and padding
- D. Micro Loops on left side
- E. Radio pockets on left side
- F. Lamp hook and fastener on the right chest
- G. Ergonomically shaped sleeves and legs for more mobility and comfort
- H. Elbows and knees with reinforcement and padding
- I. Perforated or thermal transfer segmented reflective tape around body, sleeves and legs
- J. Two side pockets with flap
- K. Drag Rescue Device (DRD) with reflective tape
- L. Internal inspection openings with zipper closure
- M. Adjustable waist with para-aramid belt
- N. Cargo pockets with flap on both side
- O. Cuff hem with reinforcement for durability
- P. Removable brace system.
- Q. Adjustable suspenders

Xuzhou Hengxing Jinqiao Machinery Technology Co., Ltd.

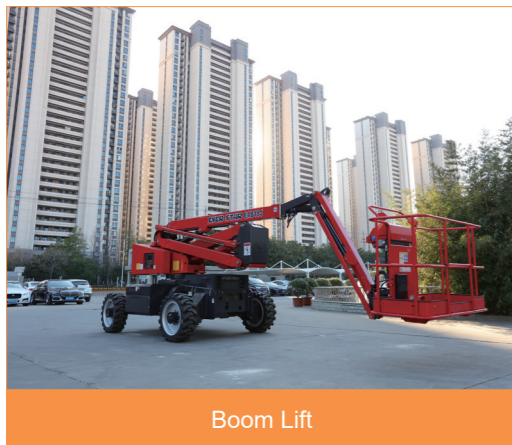
✉ kylin@everstarmachinery.com
 🌐 www.everstarmachinery.com



Scissor Lift

The scissor lift is a vital piece of emergency equipment, widely used in rescue, firefighting, and disaster response operations. Its robust, stable platform can be rapidly deployed to elevated work sites, allowing first responders to access heights safely and efficiently. In emergencies such as building fires, floods, or technical rescues, scissor lifts enable personnel to evacuate trapped victims, perform high angle rescue maneuvers, or install temporary lighting and communication systems. Battery powered models ensure silent, emission free operation indoors, while all terrain versions provide mobility on rough ground. Compact designs fit through standard doorways, facilitating use in confined spaces like stairwells or narrow alleyways. With quick setup times, intuitive controls, and integrated safety features such as emergency lowering systems and guardrails, scissor lifts significantly enhance the speed and effectiveness of emergency response teams.

Device (DRD) on the back, Adjustable waist by Velcro, Front Fly with zipper and Velcro closure, Cargo pockets with easy-grip flap on both side, Removable brace system, Adjustable suspenders, Silver reflective piping on both front and back, Internal inspection openings with zipper closure.



Boom Lift

The boom lift is an essential tool for emergency response, offering exceptional reach and maneuverability in complex rescue and firefighting operations. Unlike scissor lifts, boom lifts feature articulated or telescopic arms that can extend up and over obstacles, making them ideal for accessing difficult-to-reach areas such as upper floors of collapsed buildings, tree-canopy rescues, or elevated utility failures. In emergencies, they enable first responders to perform high-angle evacuations, deliver firefighting foam to rooftop hot spots, or restore critical communication lines at height. Their rotating platform and precise controls allow safe positioning even in confined or uneven terrain. Many models are battery-powered for silent, fume-free operation indoors, while all-terrain versions provide stability on rubble or slopes. With rapid deployment, emergency lowering systems, and built-in harness attachment points, boom lifts significantly enhance the safety and efficiency of rescue teams when every second counts.

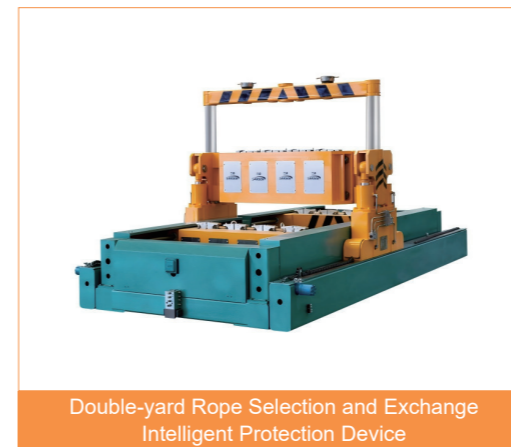
Xuzhou Sansen Well Mining Technology Co., Ltd.

✉ kdsansen@163.com
 🌐 www.sansen-group.com



Hoisting Wire Rope Change Vehicle

The device is used in the replacement of lifting head rope, cage way rope and balance round tail rope on various mine shaft friction lifting systems, realizing the automation of hoisting wire rope replacement.



Double-yard Rope Selection and Exchange Intelligent Protection Device

The device is a safe and efficient device that integrates multi-functions such as sliding rope and sliding vehicle protection, double-yard rope selection and exchange in the vertical shaft friction hoisting.

Zhejiang Chengshi Robot Co., Ltd.

✉ chentingshuo@chengshirobot.com
 🌐 www.csaverescue.com



It is used to eliminate the need for direct rescuer deployment and overcome the limitations of traditional lifebuoys like inaccurate throwing and limited throwing distance. The system allows for fast and precise remote - controlled rescue of drowning victims as early as possible, while reducing the risk of secondary injury to rescuers.



The Rescue System includes: AIS beacon, base station, GPS/ Beidou positioning alarm device, surveillance camera, Smart Lifebuoy, stroboscope positioning light, intelligent control platform, dedicated communication system and photoelectric monitoring system (boundary - crossing alert).

ZHEJIANG LUXON COMPRESSORS Co., Ltd.

✉ sale-c@luxoncompressors.com
 🌐 www.luxoncompressors.com



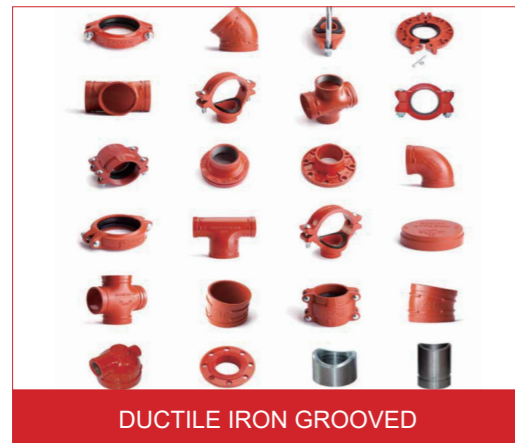
IDE C100 series is a portable high-quality high-pressure gas compressor. Stable, durable and portable. It can be fitted into the boot of the car. Perfect for those in the fire-fighting, chemical and diving industry. It is also applicable for use in a range of industries including: Recreational diving, Defense, Shipbuilding, Medical engineering, Shooting and Automobile racing.



IDE E300 series reliable and durable, light weight, can be moved by two people. This series of compressors are equipped with two high pressure hoses, which can be used for quickly inflating two cylinders at the same time. Suitable for diving service stations and for those who requires pumping a specified amount of air.

AQUA CASTING INC.

✉ rita@ledegroun.cn
 🌐 WWW.LEDE-GROUP.COM



DUCTILE IRON GROOVED

“LEDE” is dedicated in supplying best valves to the customers, the valves are researched according to the up-to-date international standard like EN1074, EN1171, MSS SP-67, ISO5752, etc. The soft-sealing gate valve and self-sealing center-line type butterfly valve can resist higher pressure with small torque. The self-sealing center-line type butterfly valve is one kind of new designed and innovative valve with micro interference between rubber disc and valve channel which can decrease the abrasion of the sealing face and increase the life of valves, with its self-sealing structure, the sealing property is proportional to fluid pressure, so the valves can resist very high pressure, meantime, the sealing lip on the disc can remove the mud and dirt during the closing of the valves.

DIN F4 Flanged Resilient Seated NRS Gate Valve

Model No. Z45X-01

Name of parts	Material
Body	Ductile iron
Wedge	Ductile iron+EPDM
Stem nut	Bronze
Stem	SS431 or SS304 SS316, bronze
Bonnet	Ductile iron
Bonnet Gasket	EPDM
Sealing Ring	EPDM
Upper cover	Ductile iron
Sealing disc	Bronze
Socket	Carbon steel with hot galvanization
O-rings	EPDM
Handwheel	Ductile iron

Technical data

- Size: DN50 - DN300
- Working pressure: PN16/PN25
- Valve standard: EN1171
- Flange standard: EN1092-2
- Temperature range: 0 - 80°C

DIN F4 Flanged Resilient Seated NRS Gate Valve

LEDE is committed to supplying the high price-performance ratio products to the valued customers worldwide. LEDE products have been approved by FM, UL, CE, CNBOP, VDS and LPCB . LEDE owns three big factories with advanced electric furnaces and automatic lines, all the products are machined with CNC and coated with epoxy powder, electrophoretic painting or galvanization. The mold center keeps developing new products which can satisfy diverse requirements from the customers. LEDE products have been sold to most of the countries and areas in the world like America, South America, Europe, Russia, Canada, Australia, Middle East, Asia, Africa etc. Now LEDE products have been applied to many famous constructions and LEDE has been one famous and respectable brand.

BEIJING TOPSKY INTELLIGENT EQUIPMENT GROUP Co., Ltd.

✉ sale3.ex@topskytech.com
 🌐 www.bjltsj.com



Explosion-proof Fire-fighting Reconnaissance Robot

The explosion-proof firefighting robot can be used in various large-scale petrochemical enterprises, tunnels, subways and other increasing oil gas, toxic gas leakage and explosion, tunnel, subway collapse and other disaster hazards. The crawler explosion-proof robot chassis uses lithium battery power supply as the power source, and uses wireless remote control to control it from a distance, which can be carried in various forms, and the in-situ rotation design can make the operation more flexible.



Explosion proof radar life detector

The radars life detector consists of a radar life detector and an operation control terminal (tablet). Radar life detection technology is a cutting-edge technology that combines modern ultra-wideband radar technology with biomedical engineering technology. It uses electromagnetic waves to penetrate a certain thickness of shielding medium and detect the life information of human survivors. By detecting various micro movements caused by human life activities such as breathing and heartbeat, it achieves the goal of searching for survivors. The control terminal can receive and process radar information, display data on the tablet, and the tablet is easy to operate, user-friendly, and easy to use.

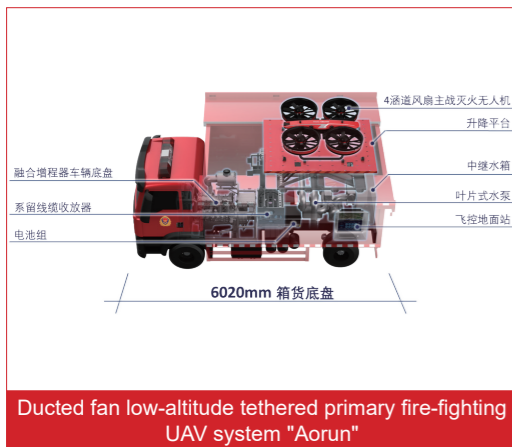
Beijing Weihang Technology Co., Ltd.

✉ ad@weflying.com.cn
 🌐 <https://weflying.com.cn/>



The Aoqin can carry a 65 mm water hose to spray water at an altitude of 100 meters, with a sustained liquid flow rate of 20–30 L/s. Water spraying covers an altitude range of 0–150 meters, and foam spraying covers 0–300 meters. The effective spraying distance is 30–45 meters. The system has an overall vehicle length of 9.97 meters.

Ducted fan high-altitude tethered primary fire-fighting UAV system "Aoqin"



The system integrates a four-ducted-fan aircraft with a 6m vehicle chassis. It carries DN65 water hoses to deliver high-flow long-distance water spray for fire suppression at 50m altitude, specially designed for narrow lanes like alleys and rural roads.

Ducted fan low-altitude tethered primary fire-fighting UAV system "Aorun"

Beijing Zhuoyi Intelligent Technology Co., Ltd.

✉ liuxl@droneyee.com
 🌐 <https://www.droneyee-tech.com>



ZV30E Fixed-Wing VTOL UAV

ZV30E is a composite-wing UAV built with advanced aviation-grade composites, delivering a strong, lightweight structure. It supports VTOL and excels in complex-site adaptability, with stable confined-environment operation and up to Level 6 wind resistance—ideal for field operations requiring high environmental tolerance.



ZMD30 Multi-Rotor UAV

ZMD30 is a six-rotor UAV with a six-axis, six-propeller configuration and environment-resistant design, powered by a high-performance onboard computer. It supports fully automatic takeoff and landing, delivering strong flexibility and reliable performance. Its lightweight structure ensures easy operation and maintenance while enabling modular payload integration, and the system also allows quick disassembly and on-site module replacement—ideal for material transport, emergency monitoring, forest fire prevention, urban firefighting, and disaster assessment.

Bengbu Ruixiang Fire Fighting Mechanical & Electrical Equipment Co., Ltd.

✉ 287771992@qq.com
 🌐 www.ahrxxf.com



Lighting Fire Truck

The lighting fire truck is a special vehicle dedicated to fire emergency rescue. It is mainly equipped with a high-power lifting lighting system, generator set, emergency power supply equipment and auxiliary rescue tools.

The vehicle can quickly arrive at fire scenes, collapse sites, night emergency rescue and field operation areas. It provides large-scale and high-intensity overall lighting, making up for insufficient light at night, in basements, tunnels and other dark environments.

With an independent power supply system, it can work for a long time without external power. The lifting lamp set can rotate at multiple angles and adjust height to cover a wide working area. It also supports temporary power supply, on-site command lighting and personnel search and rescue. Widely used in firefighting, municipal rescue, natural disaster relief and large-scale event security, it is an indispensable special fire vehicle for emergency rescue in complex and night environments.



Emergency Rescue Fire Truck

The emergency rescue fire truck is a special multi-functional fire fighting vehicle designed for complex disaster sites and emergency rescue missions. It integrates fire suppression, personnel rescue, on-site lighting, power supply and emergency support functions into one unit.

Equipped with professional rescue tools, hydraulic breaking and lifting equipment, as well as emergency lighting and power generation systems, it can quickly arrive at accident scenes such as traffic accidents, building collapses and fire disasters. The vehicle provides reliable technical support for trapped personnel rescue, on-site danger elimination and auxiliary firefighting.

With reasonable layout, stable performance and strong off-road capability, it adapts to various road conditions and harsh working environments. It is an essential key equipment for fire rescue teams to handle comprehensive emergency rescue tasks.

CIMC TIANDA Holdings Company Limited

✉ meimei.bai@stas.cimc.com
 🌐 www.cimc-tianda.com



Pure Electric ARFF

This vehicle is the world's first pure electric ARFF independently developed by CIMC. It has broken through multiple core technical challenges for airport fire trucks, including all-electric full-drive transmission technology, electric power distribution technology, multi-motor coordinated drive technology and vehicle overall heat control technology, greatly improving the emergency response capacity of airport fire rescue operations.



DG35/JP40 multi-functional dual-boom aerial platform rescue fire truck

DG35/JP40 multi-functional dual-boom aerial platform rescue fire truck equipped with an independent fire extinguishing system and a separate rescue platform with working cage, enabling it to perform the functions of two types of elevating fire trucks in confined spaces. The upper working unit is fitted with computerized automatic control for limit position deceleration and stop, ensuring rapid, labor-saving, convenient and stable operation with a wide speed regulation range, flexible inching movement and precise actions. It is mainly applied to firefighting operations as well as personnel and material rescue at high-rise buildings in large and medium-sized cities, factories and mines.

EFFORT SEMICONDUCTOR LIGHTING LED

✉ anna@effortled.com
 🌐 www.effortled.com



DEF Emergency Exit Sign

This DEF emergency exit sign is a high-performance safety solution designed for commercial and public buildings. Rated for 220-240VAC input, it offers 3 hours of emergency operation with long-life LiFePO4 batteries, supporting easy battery replacement. It complies with ISO 3864-4 and holds multiple certifications including CE, CB, SAA and DALI compatibility. Featuring a self-test system, interchangeable direction legends, and a 6-in-1 mounting design, it adapts to various installation needs.

With viewing distances of 24m (AU) and 28m (EU), it ensures clear visibility in emergencies. Backed by a 5-year overall warranty (3 years for the battery), it delivers reliable, low-maintenance safety guidance for evacuation routes.



LUMWALL Emergency Light

This NEW 2026 LUMWALL Emergency Light is a rugged, multi-functional safety solution that combines illumination and exit signage in one compact unit.

Offering flexible power (1W/2W), selectable emergency durations (1/3 hours), and three LiFePO4 battery options (1500/3000/6000mAh), it delivers 150/300/500 lumens of reliable emergency lighting.

Engineered for durability, it boasts an IP65 ingress rating, IK08 impact resistance, 850°C fire resistance, and a wide operating temperature range of 5–45°C. The dual-function design (pure light or exit sign variant) makes it ideal for industrial, commercial, and public spaces, offering robust, all-in-one safety guidance built to meet modern safety standards.

Guizhou Jonyang Kinetics Co., Ltd.

✉ 19238487476@163.com
 🌐 <https://www.jonyang.net.cn/>



JY816-EX All-terrain Tracked Carrier
(Medium-sized)

Medium-sized amphibious all-terrain tracked carrier features excellent cross-country mobility, applicable to plateaus, deserts, snowfields and various complex terrains. It works steadily at -41°C to 46°C, deployed in Antarctica in 2015 and operating above 4,800m on the Qinghai-Tibet Plateau in 2021. Capable of carrying 14 personnel or 4 tons of materials, it is an ideal device for emergency rescue and disaster relief under severe terrain conditions.



JYL313-EX High-speed Wheeled
Excavator-loader

The high-speed wheeled multi-purpose engineering vehicle has unique versatility and high-efficiency maneuverability. It integrates nearly 20 operating functions, breaking the limitation of traditional engineering machinery of "entering the site by trailer and slow deployment". Its maximum speed exceeds 100 km/h, allowing it to quickly reach disaster sites at highway speeds and achieve "operation upon arrival", significantly improving rescue efficiency.

HR Composites Co., Ltd.

✉ salesrickyxu@163.com
🌐 <https://hrcomposite.com/>



GRP/Metal Fire Extinguisher Boxes

Premium GRP and metal boxes designed for the secure storage of fire extinguishers and safety equipment. These cabinets offer exceptional weather resistance, durability, and corrosion protection, making them ideal for both industrial and vehicle applications.



Custom FRP/GRP Fire Truck Components

Custom-molded FRP/GRP parts tailored for fire apparatus and emergency vehicles. Our lightweight, high-strength composite solutions help reduce vehicle weight while maintaining structural integrity for extreme firefighting conditions.

Hunan Zoomlion Emergency Equipment Co., Ltd.

✉ 1940996752@qq.com
🌐 www.zoomlion.com



Aerial Ladder Fire Truck

Zoomlion's aerial ladder fire trucks cover working heights from 25 to 68 meters, including the world's tallest 68m straight-boom ladder truck. Equipped with a pre-curved anti-deformation ladder and a rapid rescue bucket, they deliver safe and highly efficient rescues. The smart control panel shows real-time data for easy operation. With a fire pump, monitor, water tank, and Class B foam system, they offer high flow, low pressure loss, and powerful firefighting performance.

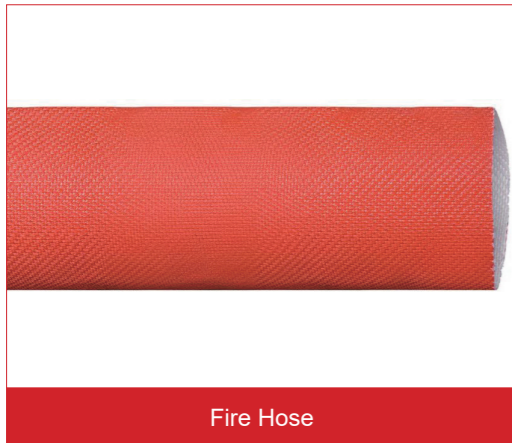


Aerial Platform Fire Truck

Zoomlion's aerial platform fire trucks range from 32 to 113 meters, including the world's tallest 113m aerial platform fire truck. They combine safe, efficient high-altitude rescue with a simple one-touch smart panel, excellent maneuverability in tight spaces, unmatched firepower, and an integrated safety shield. Designed to handle complex rescue scenarios, they deliver top-tier performance across the board.

JIANGSU HOSEKING FIRE DEVELOPMENT Co., Ltd.

✉ habing@hoseking.cn
 🌐 www.hoseking.cn



Fire Hose

The fire hose is made by adoption of high-strength polyester fiber woven jacket, lined with Polyurethane (TPU), Natural rubber, EPDM, or PVC, featuring good pressure-resistance. Anti-wearance, anti-erosion, non-permeability, little water-flow resistance, quick water output, lightness and softness, long service lift, etc., can be used with fire hydrant, fire pumps or fire vehicles, for conveyance of water or other extinguishing agents, and can also be extensively used in fields of industry, mining, navigation and transportation, petrochemical, agriculture, etc.

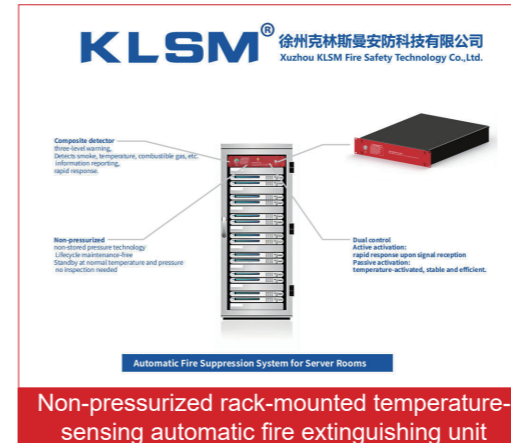


Semi-Rigid Hose

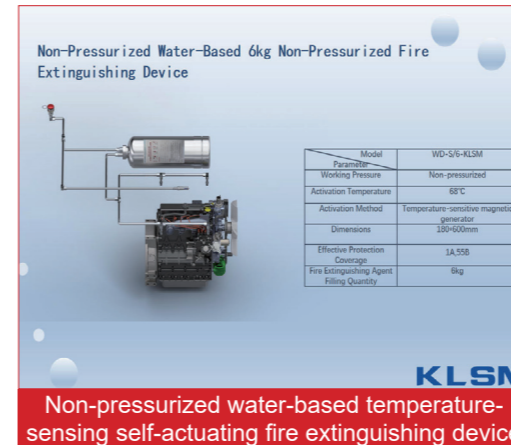
Semi-Rigid hose is made as per European Standard EN694, adoption of high-strength polyester fiber woven jacket, lined with Polyurethane (TPU) or EPDM rubber, for hose reel purpose. Size: 3/4" and 1", length up to 100 meters.

Jiangsu KLSM Safety Technology Co., Ltd.

✉ klsmaf@163.com
 🌐 https://www.jskls.com/



Rack-mounted temperature-sensing automatic fire unit for data cabinets integrates detection, suppression, and signal transmission. It protects cabinet equipment and avoids threat to neighbors. Pre-assembled perfluorohexanone container and discharge parts with linkage control for self-actuation.



Non-pressurized water-based thermal self-actuating fire unit: pre-designed with linkage, releases agent & alarms. No power, no standby pressure, 100% water-based, manual & auto trigger.

Jiangxi Dingfeng Equipment Technology Co., Ltd.

✉ jenny@dingfengfire.com
 🌐 www.dingfengfire.com



Product Model: RHZK6.8/I
 Compliant with XF124-2013 standard, certified by CCC and CE. It serves as personal respiratory protection for firefighters and rescuers in smoky, toxic, vapor and oxygen-deficient environments. Equipped with cylinder, mask, back frame, pressure reducer, alarm and pressure gauge. Full inflated weight only 8.5-9kg with ultra-light design. Optional wireless communication speaker for mask, intercom available, amplification volume over 120dB.

JIANGXI SUIHUA FIBERGLASS Co., Ltd.

✉ sales01@suihuafiberglass.com
 🌐 www.suihuafiberglass.com



EV Fire Blanket for electric vehicle fire containment, made from high silica or silicone-coated fiberglass. Quick deployment, high heat resistance, and customizable sizes. Tested to EN 13501-1, NFPA 701, DIN SPEC 91489.



Product Name:
 Second-Generation Anti-Icing Firefighter Protective Suit
 Model: ZFMH-DF G(DRD)
 Compliant with XF 10-2014, TPP>40 cal/cm², thermal resistance 1.5 clo. Hydrophobic flame-retardant outer layer delays icing ≥15s, reduces ice weight gain ≥15%, de-icing force down 70%. Lightweight, -200C resistant, wash-durable, with good thermal insulation, waterproof breathability and comfort.



Fire Blanket made of fiberglass for quick fire suppression by cutting oxygen. Ideal for kitchens, homes, and industry. Easy to use, compact, and reliable. Certified EN1869, NFPA701. OEM & custom options available.

Jiujiang Fire Fighting Equipment Co., Ltd.

✉ annie@jjxf.com.cn

🌐 www.jjxfire.com



fire fighting suit

EN469: 2020 certification. Apply for body protection, with fire-retardant, waterproof, breathable, thermal insulation, anti-static and identity and strong performance, the outer layer, waterproof breathable layer, insulating layer and comfortable layer.

1. Outer layer: 93%Nomex,5%Kevlar +2%P140(210g/m²);
2. Moisture Barrier: Aramid nonwoven fabric + PTFE membrane area per unit mass of 160g / m²;
3. Lining: 50%Nomex/50%FR Viscose(180g/m²);
4. The reflective marking tape with 3M reflective tape;
5. Stitch density: Stitch density: light and shaded line 13 needles / 3 cm;
6. Weight:3kgs.Size: S-XXXL .



Fire boot

Fireman firefighter protective boots to protect the foot and lower extremity safety, waterproof, puncture-resistant, anti-smashing, prevent chemical and electrical insulation properties.

Mingguang Haomiao Security Protection Technology Corporation

✉ dravenli@mghm.cn

🌐 https://www.hmvehicle.com/



Three-Phase Jet Fire Truck

Our company is a new generation of firefighting equipment with independent intellectual property rights.

One vehicle with multi-agent, can achieve the tactical requirements of firefighting, but also to achieve combat conversion, combat programming needs. It has the advantages of small amount of extinguishing agent, fast extinguishing speed, high extinguishing efficiency, anti-reburning after extinguishing and saving environmental protection.



Turbojet Fire Truck

It is installed on the chassis of the two major aviation turbojet engines produced by high velocity of gas for fire extinguishing agent injection (jet) as a driving force, use the conventional fire water tank, water pump, has the same ability of high-speed and conventional engines.

Rizhao Hongzhou Rubber & Plastic Hardware Co., Ltd.

✉ rizhaohongzhou@163.com
 🌐 <http://rzhzxs.1688.com>



DN300 Hose Protection Bridge

The DN300 hose protection bridge is a dedicated protective device designed for 12-inch (300mm) large-diameter fire hoses or drainage hoses. It is primarily used to prevent passing vehicles from crushing and damaging the hoses when the hoses cross roads, squares and other busy traffic thoroughfares, while ensuring the safe and smooth passage of vehicles. As a key auxiliary equipment in the fire remote water supply system and municipal drainage emergency rescue operations, it resolves the conflict between the laying of large-diameter hoses and traffic passage.



SCBA Seat

SCBA Seat (also known as the air breathing apparatus seat; SCBA stands for Self-Contained Breathing Apparatus) is an integrated seat system specially designed for fire engines. Its core feature is the integration of an air breathing apparatus fixing device at the back of the seat back, enabling firefighters to complete the preparation of the air breathing apparatus while the vehicle is in motion, and to quickly wear it and engage in firefighting operations upon arriving at the fire scene.

It is mainly used for:

1. Solving the problems of inconvenient installation and insecure fixation of air breathing apparatuses with traditional split-type seats;
2. Ensuring firefighters carry air breathing apparatuses safely during vehicle travel and preventing the apparatuses from falling off and causing injuries in case of sudden braking or collision;
3. Improving firefighters' rapid dressing efficiency and seizing precious time for rescue operations;
4. Optimizing the layout of the driving and riding space in fire engines and making rational use of limited space.

sany

✉ luoyt9@sanygroup.com
 🌐 <https://www.sanygroup.com>



LONG SPAN FIRE TRUCK

The SANY Long Span Water Tower Fire Fighting Vehicle, developed in collaboration with the Beijing Fire Department, is a groundbreaking, pioneering and patented product in the fire safety industry. It is designed for fire emergency response in large-span spaces, making it especially suitable for large urban complexes, airport terminals, rail stations, warehouses, sports venues, and petrochemical storage tanks. Currently, the product lineup includes models with maximum working heights of 38m, 41m, 48m, 51m, 56m, 59m, 62m, and 65m. Additionally, it has won the highest technological award in China's fire safety industry and is highly praised by experts.



AERIAL PLATFORM

SANY 55 meters Aerial Platform Fire Truck, is developed for urban aerial rescue and firefighting tasks, mainly to meet the needs of urban firefighting and rescue of 18 layers and blow of residential housing, is one of the main products of urban firefighting. The main features of the product are as follows.

Shandong Tidentop Life Science Co., Ltd.

✉ tidentop@seesuns.com.cn
 🌐 <http://www.tidentop.com/en/index.php>



Self-generated Oxygen Firefighting Self-rescue Respirator

The HFZY30 Self-Generating Oxygen Fire Escape Respirator, independently developed and manufactured under the brand Tidentop, is designed in accordance with XF411-2003 national standard for self-generating oxygen fire escape devices. It adopts a closed-circuit oxygen regeneration system, in which oxygen is continuously produced through the reaction of oxygen-generating agents with carbon dioxide and moisture exhaled by the user, thereby ensuring a stable oxygen supply for safe breathing.



Portable self-generating oxygen source

Equipped with an independently developed military-grade oxygen generator, this product achieves a breakthrough in the exchange reaction between carbon dioxide and water, establishing an independent oxygen production, system that continuously supplies users with fresh oxygen. With its innovative respiratory internal circulation design, it completely isolates itself from the interference of complex external gas environments. Whether in normal urban environments or extreme spaces with scarce oxygen, it can stably deliver pure and oxygen-enriched air, safeguarding every breath.

Shanghai Zanray Industrial Co., Ltd.

✉ zanray@zanray.com
 🌐 www.zanray.com



Firefighting Boots

The upper is crafted from high-quality water-resistant and flame-retardant full-grain leather, complemented by a TPU wear-resistant toe cap, ensuring both protection and durability.

The inner lining features a GORE-TEX ROSSTECH® waterproof bootie, offering durable waterproofing, high breathability, resistance to chemical permeation, and protection against bloodborne pathogens and viral agents, keeping the feet consistently dry in humid or rainy working conditions.

The design incorporates ergonomic principles, including a tibial impact resistance layer, an ankle articulation system, and an ankle impact protection structure, enhancing flexibility and stability while maintaining foot comfort and preventing discomfort from prolonged wear.

The MICHELIN® professional rubber outsole delivers exceptional grip and oil-slip resistance, not only enhancing walking safety but also providing shock absorption and self-cleaning functionality, facilitating agile movement for firefighters in complex terrains.



firefighting suit

This high-performance firefighter protective ensemble meets XF10-2014 standards. The outer shell is made of PBI Nova fabric, offering superior heat resistance, permanent flame retardancy, acid/alkali resistance, anti-static properties, and durability. It features the GORE Parallon system, including a waterproof/breathable thermal barrier and comfort layer. This system effectively blocks water, contaminated body fluids, and common chemicals from entering, while allowing sweat to escape for all-day comfort. Additional features include 5cm wide reflective tape for low-light visibility and an aramid knit wristlet for enhanced fit. This turnout gear provides comprehensive, reliable protection for frontline firefighters in rescue and firefighting operations.

SHANXI HONGAN SCIENCE & TECHNOLOGY Co., Ltd.

✉ 514439465@qq.com
 🌐 honganrescue.com



The oxygen breathing apparatus uses positive pressure to ensure high-level respiratory safety. It fits mine rescue in toxic, oxygen-lacking environments and aids professionals in emergency work under dangerous conditions.



The deep well rescue robot is used for the rapid rescue of personnel who have fallen into motor-pumped wells, crevices, and field holes. The equipment system consists of a rescue robot, a tripod, a manual winch, a control box, and a mobile power supply.

Sichuan Aigbt Technology Co., Ltd.

✉ aigbt@sina.com
 🌐 www.aigbt.com



Our company, in collaboration with the Shanghai Fire Research Institute of the Ministry of Emergency Management, has jointly developed the first kilometer-level handheld directional loudspeaker in China. This product has addressed the pain points of rescue personnel in terms of communication, command, issuing instructions, warning, and alerting for those in distress. It can penetrate complex background noises (such as heavy rain and floods, floor fires, etc.) and achieve kilometer-level transmission of rescue instructions and warning prompts, effectively overcoming the shortcomings of conventional broadcasting and loudspeakers in actual rescue scenarios.

By adopting advanced international technologies such as directional sound emission, powerful sound transmission, and efficient electro-acoustic conversion, the main energy of the sound waves is concentrated for remote, high-definition, and directional transmission in front of the equipment. It can penetrate complex background noises and provide real-time warnings or convey clear and understandable voice information within a 1-kilometer range. It has functions such as emergency shouting over long distances, guiding the evacuation of people, and one-click evacuation. It is applicable to all scenarios of fire rescue, such as fire rescue, water rescue, chemical rescue, earthquake rescue, road rescue, etc., significantly improving the rescue efficiency.



An airborne device that integrates remote communication, remote broadcasting, emergency response, and multi-functional audio processing capabilities. It can transmit alerts or clear and understandable voice information within a 1-kilometer range, enabling functions such as remote shouting, guidance, warning, alerting, alerting, dispersal, etc., and playing an effective warning, effective deterrence, and proactive prevention role.

The system is preset with alarm signals. Operators can, based on the on-site situation, issue rescue calls, give safety warnings, and guide evacuation to the target population. At the same time, the equipment can be integrated with the emergency fire and comprehensive management platform to form an overall and comprehensive solution. It is applicable to industries such as fire protection, emergency response, public security, armed police, military forces, government, water conservancy, and transportation.

Simon Carmichael Group Limited

✉ shane@simonigl.com
 🌐 www.simonigl.com



Light Pumper

Light pumper is ultimate multi-purpose fire fighting vehicle for towns, cities and municipalities. Compact design, aluminum type modular frameless body. GVW from 7000kg to 20000kg, tank capacity from 1000 liter to 8000 liter, available to make PP tank or stainless-steel tank, manual or automatic foam system. Options with Generator, winch, light-mast, and rescue equipment are available upon request. Custom design to fit different requirements.



Heavy Pumper

Heavy rescue pumper is ultimate solution with unmatched accuracy foam solution for oil refinery and various industrial firefighting effectively. Modular design, aluminum frameless compartment and high-quality stainless-steel tank or PP tank. GVW from 20000kg to 40000kg, tank capacity from 9000 liter to 22000 liter, manual or automatic foam system. Options with Generator, winch, light-mast, and rescue equipment are available upon request. Custom design to fit different requirements.

STARAIR Aircraft Co., Ltd.

✉ liupengfei@starair.cn
 🌐 www.starair.cn



Tethered Drone Fire Truck

The "Tethered Drone Fire Truck" developed by Starair Aircraft is a new type of firefighting rescue equipment designed specifically for extinguishing fires on the exterior walls of high-rise buildings. Supported by the National Key R&D Program, this system was led by Professor He Qinghua, Chairman and Chief Expert of Starair Aircraft. The entire system integrates a drone with a ground vehicle. The tethered drone serves as an aerial firefighting platform, while the fire truck provides power and fire extinguishing agents. The system can rapidly arrive at the fire scene, with the drone taking off and landing autonomously on top of the fire truck. Operating at an altitude of up to 200 meters, the drone can continuously spray fire extinguishing agents to extinguish or suppress high-rise building fires.



SA750U Multi-purpose large unmanned transport aircraft

The SA750U is China's first large unmanned transport aircraft with a load capacity of over 3000kg (6614 lb.), which is fully independently innovated and positively designed for application fields such as regional aviation logistics, emergency rescue, unmanned supplies delivery, and forest firefighting. SA750U follows the product development sequence of "unmanned first, then manned". It adopts all-domestic systems and materials, is equipped with a 900-kilowatt turboprop engine, has a maximum takeoff weight of 7,500 kg (16535 lb.), a maximum commercial load of 3,200 kg (7055 lb.), a maximum cruising speed of 308 km/h (166 ktas), a maximum range of 2,200 km (1188 nm), the overall technical performance is at an international advanced level.

Suzhou Hoogo Construction Auxiliary Co., Ltd.

✉ peter@szhoogo.com
 🌐 www.szhoogo.com



HOOGO FM seismic sway brace leads the world in all aspects including bearing capacity, installation angle, pipe diameter coverage, and service support. Greatly reduce the number of seismic braces, cut the installation cost, shorten the installation period.

All angles of 30°-90° is more suitable for diverse installation conditions on site. Full pipe diameters coverage to meet all seismic needs of customers. Automatic design software, provide more standard and efficient service.

FM Approved Seismic bracing



HOOGO flood barrier system is tested by FM 2510, which is the most strictly tested standard in the world. Applicable to building openings and garage door openings The water level blocking height reach up to 2m. Completely sealed with high-quality EPDM material which has excellent durability. Aluminum alloy material Lightweight, effortless, Rapid assembly.

Flood barriers

Themoedge Technology Ltd.

✉ 2622567750@qq.com
 🌐 www.themoedge.com



This ergonomic rescue glove integrates multi-protection technologies for complex emergency rescue, perfectly balancing comfort, durability and safety. It adopts high-visibility fluorescent microfiber with elasticity and breathability, equipped with joint anti-collision and shock-absorbing structure. Reinforced non-slip palm with SBR inner layer ensures stable grip, wear and shock resistance. Designed with reflective strips, elastic wrist and quick-release ring, available in sizes 7-11. It complies with EN 388 and EN ISO 21420 standards with CE certification.

Firefighter Rescue Gloves



This firefighting glove adopts the same black tone as turnout gear. The hand back is made of high-performance PBI flame-retardant fabric with SBR joint cushioning to disperse impact. Wrist flame-retardant reflective tape and green TPR markers achieve high-visibility warning and localized protection. The inner dual-protection system uses flame-retardant waterproof breathable membrane and aramid antibacterial brushed fabric for waterproof, breathable, thermal and antibacterial defense. Reinforced palm is anti-slip and wear-resistant; ergonomic accordion structure ensures flexible and precise operation.

Protective Gloves for Firefighters

Tianjin JingluFa Science and Technology Development Co., Ltd.

info@jlftents.com
<https://www.jlftents.com/>



Inflatable Decontamination Tent Series

This inflatable decontamination tent series serves as a command center or decontamination site for disaster relief, firefighting, and chemical industries. Made of high-frequency welded PVC double-coated airtight fabric, it offers good rigidity, UV resistance, and quick setup, with continuous use up to 72 hours. It features an independent frame to decontaminate personnel and channel toxic wastewater for centralized treatment. Single-person and multi-person use options are available as optional configurations. Key functions include moisture-proofing, mosquito-proofing, thermal insulation, UV resistance, flame retardancy, wind proofing, and rain proofing. Optional supporting equipment (pumps, heaters, etc.) is available. Applications also include mobile shower rooms.



Inflatable Medical Rescue Tent Series

This inflatable medical rescue tent series delivers emergency medical aid for natural disasters and crises, acting as temporary wards or command centers. Replacing cumbersome traditional frame tents, it offers rapid inflation, easy storage, and quick deployment. Built with durable fabric, it features a stable structure, UV resistance, and excellent rain protection, ideal for timely medical support.

Tianjin Tianan Borui Technology Co., Ltd.

1174555383@qq.com
<https://www.tiananborui.com/>



GPS-Denied Navigation System

The system can accurately guide the rescue personnel to identify the direction, multi-directional collection of vital signs data, real-time detection of hazardous gases at the rescue site and timely warning, and integrated noise cancellation intercom function, effectively solving the external commanders at the scene of the operation on the internal attack of the combatants difficult to locate the difficulty of early warning, the difficulty of evacuation and other issues.



DIGITAL PORTABLE TERMINAL

DIGITAL PORTABLE TERMINAL (DPT);
 RESCUE LOCATION WATCH (RLW);
 INTEGRATED PERCEPTION BEACON (IPB);
 PORTABLE GAS DETECTOR (PGD);
 SECURITY CONTROL TERMINAL (SCT);
 INTEGRATED COMMAND TERMINAL (ICT)

WENZHOU XINTUO FIRE FIGHTING EQUIPMENT Co., Ltd.

✉ mia@xintuofire.com
 🌐 <https://www.centall119.com/>



The Amphibious Electric Rescue Tool Set offers cordless freedom with IP58 waterproof rating, working fully at 5m depth. Includes cutter & spreader powered by battery for floods or sea rescue. Corrosion-resistant with smart control panel. The all-in-one solution for land & water response.

Amphibious Electric Rescue Tool Set



The multi-functional vehicle mover is ideal for rescue, fire reconnaissance, and vehicle relocation in tunnels, parking lots, and confined areas. It quickly clears congested roads, opens rescue channels, and moves burning vehicles to remove hazards.

Intelligent Vehicle Mover

Xanadu Electronic Technology Co., Ltd.

✉ 569238017@qq.com
 🌐 xanaduelec.com



The portable rescue robot weighs about 18 kilograms and is convenient for individual soldiers to carry on their backs. It can adapt to complex terrain requirements such as climbing stairs and crossing obstacles. This robot is equipped with a high-definition thermal imager and a visible light camera (dual-spectrum), vital sign monitoring and monitoring of harmful gases.

Weight and size: 18kg(Load capacity 20kg) 500*390*180mm

Climbing Angle : 45°

The staircase obstacle climbs up by 200mm

Communication Distance: 1km(Urban area)

Temperature and protection grade: -25°C~55°C IP65

Detection function: Dual-spectral detection/Sound source localization/Vital sign monitoring/Monitoring of harmful gases

Portable Reconnaissance and rescue Robot



Wheeled reconnaissance robots combine lightweight design with high mobility, making them ideal for rapid deployment in high-risk environments. Featuring articulated arms for obstacle climbing, they excel in confined space missions—such as entering unknown buildings, caves, or collapsed structures—where human access is dangerous. Equipped with dual-spectrum imaging (visible and infrared) and advanced vital signs detection, these robots can locate individuals by sensing heat, sound, and subtle physiological movements.

Weight and size: 6kg 360*360*180mm

Climbing Angle : 40°

The staircase obstacle climbs up by 150mm

Communication Distance: 1km(Urban area)

Temperature and protection grade: -250 C~550 C IP65

Detection function: Dual-spectral detection/Vital sign monitoring

Micro Wheeled Reconnaissance Robot

YUYAO HONGFU FIRE PROTECTION EQUIPMENT Co., Ltd.

✉ DAVELY09@163.COM

🌐 www.hongfufire.com



Fire Hydrant extension B/2C

INLET: 3"
OUTLET: 2X2"STORZ COUPLING CONNECTION
MATERIAL: ALUMINIUM & BRASS



FRENCH BREECHING Y PIECE

INLET: 1X 2.5" FRENCH COUPLING SWIVEL
OUTLET: 2X 1.5" FRENCH COUPLING SWIVEL
MATERIAL: ALUMINIUM
FINISHING: RED POWDER COATED

ZHEJIANG FENGRUICHEN FIRE-FIGHTING EQUIPMENT Co., Ltd.

✉ skylar.dai@ferrasun.com

🌐 <https://www.ferrasun.com/>



NITRILE RUBBER HOSE-DURAFLEX

The multi-functional vehicle mover is ideal for rescue, fire reconnaissance, and vehicle relocation in tunnels, parking lots, and confined areas. It quickly clears congested roads, opens rescue channels, and moves burning vehicles to remove hazards.



FORESTRY FIRE HOSE-JUNGLEFLEX

Jungle Flex is a high-pressure fire hose specially used in forests and jungles tenacity polyester single/ double jacket, which has excellent abrasion re adapt to the steep road conditions in the mountains. Jungle Flex is lightweight to use. Anti-kinking and fast deploy, improve the efficiency of forest fire fighting and rescue, it is an ideal product for wild mountain forest fire fighting.

ZHEJIANG TAIHUI TEXTILE Co., Ltd.

✉ amy@taihuitex.com
 🌐 www.jinleitex.com



INHERENT FR FABRIC

1. Key Features • **Inherent & Durable Flame Retardancy:** The FR performance is built into the fiber, so it won't fade with washing or wear, ensuring long-lasting protection. • **Eco-Friendly Composition:** Free from harmful flame-retardant chemicals, it meets environmental standards and avoids releasing toxic substances when exposed to heat. • **High Heat & Thermal Stability:** Resists high temperatures, maintains structural integrity under flame exposure, and prevents melting or dripping that could cause secondary burns. • **Good Comfort & Breathability:** Balances protection with wearability, offering moisture management and comfort for long-duration use in work scenarios. • **Multi-Resistance:** Often combines additional properties like tear resistance, abrasion resistance, and anti-static performance (depending on specific formulations).

2. Main Applications • **Firefighting & Emergency Services:** Used in turnout gear and protective uniforms for firefighters, providing heat and flame resistance during rescue operations. • **Industrial High-Risk Workplaces:** Suitable for oil & gas, petrochemical, power, and welding industries, protecting workers from arc flashes, splashes, and open flames. • **Military & Public Safety:** Applied to tactical uniforms and protective gear for military personnel and first responders. • **Special Protective Textiles:** Also used in safety workwear for mining, metallurgy, and other industries with fire and thermal hazards.

Main Applications

Welding & Metalworking Industries: Ideal for workwear worn by welders, cutters, and metalworkers, protecting against sparks, splatters, and open flames.

Oil & Gas / Petrochemical Sector: Used in uniforms for workers in refineries, drilling sites, and chemical plants, where fire and thermal hazards are common.

Construction & Heavy Manufacturing: Suitable for protective clothing for workers in high-temperature or spark-prone construction and factory environments.

General Industrial Safety Workwear: Applied to flame-resistant uniforms for workers in utilities, foundries, and other industrial settings with moderate fire risk.



FR Treated Fabric

Zhejiang Yongshang Pressure Vessel Co., Ltd.

✉ ly@ys-fire.com
 🌐 www.ys-fire.com



gas cylinder

The seamless gas cylinder is a high-pressure container used to store oxygen, nitrogen, CO₂ and argon. It is widely employed in industries, food processing, and healthcare



fire extinguisher

A carbon dioxide fire extinguisher is a high-pressure container that is widely used in places such as precision instruments and laboratories. It is environmentally friendly with no residue and comes in various styles, offering extremely high value for money.

Zhengzhou Zhongyue Fire Equipment Co., Ltd.

✉ guokaiming@zyxf119.com

🌐 <http://www.zszyxf.com>



Founded in 1976, the company covers a building area of over 60,000 square meters. It has 226 employees, including 28 technical staff and 14 senior engineers. With 50 years of industry experience, it boasts outstanding strength and reliable quality. All products have obtained China Compulsory Certification (3C) and completed filing in the CCCF Fire Product Identity Information Management System. From raw material procurement to finished product delivery, every item is strictly manufactured in compliance with national GB standards.

Disaster Prevention, Mitigation & Relief Solutions

04

DOTEK (GUANGZHOU) INTELLIGENT EQUIPMENT Co., Ltd.

✉ jiaoyan@gzdotek.com
 🌐 www.gzdotek.com



DB ORIGINAL

The DB Original Drainage Robot adopts a compact yet powerful design with easy operation and flexible movement. Fitted with crawler tracks, it enables remote-controlled travel on tough grounds and stairways.

Built-in digital display supports real-time water level monitoring to boost work efficiency, and it boasts a 700mm maximum wading depth for smooth passage in flooded zones.

Driven by hydraulic power and equipped with the exclusive TFS double filtration system, it avoids pump clogging, electric risks and direct water contact to fully guarantee operator safety.

Apart from drainage, it can drive two hydraulic tools for rescue and demolition tasks, and match a 40m lift water pump for efficient water discharge. It pumps water from as shallow as 10cm and runs 7-8 hours continuously with a 70L fuel tank.

It can also work in tandem with DB Mini Drainage Robot to reach over 20 meters pumping lift, perfectly solving drainage troubles in deep underground and long-distance scenarios.



DB MINI

Built on the "Small is Big" concept, the DB Mini Drainage Robot is tailored for emergency flood control with practical design and powerful functions.

Weighing under 500kg and remotely controllable, it can pump water from merely 2cm deep. Light enough for pickup truck transportation, it can be quickly dispatched to streets, tunnels and underground garages.

Hydraulically driven with no electric leakage risks, it supports real-time water level monitoring via remote control. It runs 3-4 hours on full fuel and passes water over 400mm deep.

It can connect with other DB Mini or DB Original robots, with up to four units linked to reach a 40-meter pumping head for deep underground drainage. Its hydraulic interface also drives diverse tools, and it starts pumping easily in 10cm shallow water for fast flood relief.

Beijing Keliheng Fire Equipment Co., Ltd.

✉ 13716269129@163.com
 🌐 http://www.klhfe.com/



Air pressure spray water gun

The pulse atomization injector is a great kinetic energy generated by the instantaneous release of compressed air, so that the air and liquid fire extinguishing media (such as clear water) collide and mix with each other in milliseconds. After the nozzle is accelerated, it suddenly expands and atomizes, instantaneously spraying, producing a high-speed and high-density ultra-fine water mist flow, which goes straight to the root of the fire source. It integrates the three types of fire extinguishing foundations of blowing, suffocation and cooling. It is powerful and has a long jet distance. It can maximize the fire extinguishing efficiency of water or fire extinguishing agent. Saving water rarely remains, will not cause secondary damage, and extinguishing the fire in the shortest time. It can solve the problem of the existing equipment fire extinguishing distance is close and low altitude. The longest jet distance can reach more than 20 meters, and each pulse.

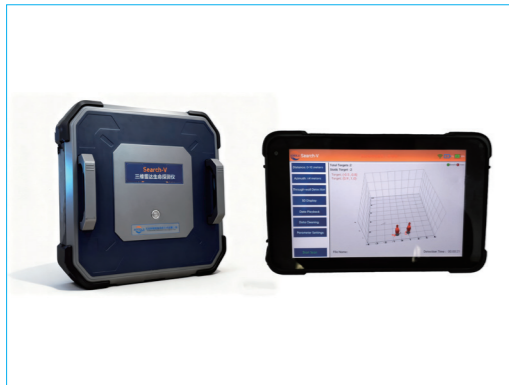


Fine water mist gun

The fine water mist fire extinguishing device uses compressed air as the power source, so that the compressed air and clear water are mixed in the aerosol injector. After being accelerated by the nozzle, it produces a high-speed and high-density ultra-fine water mist flow, so as to achieve the effect of efficient and fast fire extinguishing. Without recoil, the extinguishing efficiency of the fire extinguishing agent can be maximized. It can be sprayed continuously, and the effect of cleaning up the residual fire is the best. It can clean up the residual fire of the cracks and the corrosion layer of trees.

Beijing Sobola Automation Technology Co., Ltd.

✉ bjsbl_sale@163.com
🌐 www.sblzdh.com



3D Radar Life Detector

3D Radar Life Detector

Brand: Sobola

Model: Search-V

Authorized by inspection reports and software copyright, this ultra-wideband radar features superior penetration and intelligent analysis. It can simultaneously detect up to 5 targets, realizing 3D positioning, dynamic imaging and posture recognition. Fast detection within 3s accurately locates trapped persons behind non-metallic walls and ruins.

Lightweight and one-click easy to use, it supports 64GB data storage & playback, 150m wireless remote control, with waterproof, dustproof and shockproof design. Reliable at -200C~550C, it is essential equipment for disaster relief, anti-terrorism and hostage rescue missions.



Displacement & Aftershock Monitor

Displacement & Aftershock Monitor

Brand: Sobola

Model: BF-JG/YZ5.0

Self-developed for disaster rescue, it gives early warning of secondary collapse caused by aftershocks and explosions, monitoring wall loosening, beam settlement, tank deviation and dangerous building collapse.

Adopting harmless laser, it integrates displacement, tilt and vibration monitoring to capture subtle structural changes as low as 1mm. It supports wireless remote parameter setting and one-click reverse linked alarm.

With Beidou positioning, 360° three-axis detection, 100m laser range and high-decibel sound-light alert, it reliably safeguards rescue staff from sudden building hazards.

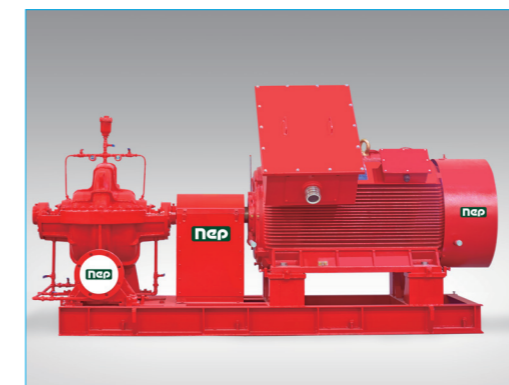
Changsha Dewater Machinery Technology Co., Ltd.

✉ divo@csdewater.com
🌐 https://en.csdewater.com/



Flooding Control Pump

Large-flow portable permanent magnet variable frequency submersible pump adopts permanent magnet synchronous motor and high-efficiency hydraulic model technology, and adopts variable frequency control. It is small in size, light in weight, which is only 22kg. And it is high in efficiency, and has better flow and head with max flow 1000m³/h and max Head 60m.



Fire Fighting Pump

Horizontal Split-Case Fire Pump are UL listed, FM Approval, including diesel engine fire pump, electric fire pump, jockey fire pump, etc. Operating Parameters Capacity up to 3168m³/h and Head up to 140m. Application are including Fire service, petrochemical, municipal, power stations, manufacturing and chemical industries, onshore & offshore platforms, steel & metallurgy, building & warehouse.

Dezhou Wanlian Haitong Energy Technology Co., Ltd.

✉ 503538669@qq.com
🌐 <https://www.dzwlht.com/>



Explosion-proof skid-mounted refueling device

Dezhou Wanlian Haitong Energy Technology Co., Ltd. is a professional manufacturer of barrier explosion-proof skid-mounted refueling equipment (5m³–50m³). Our integrated skid-mounted station integrates fuel dispensers, explosion-proof tanks, oil-gas recovery, fire extinguishing, electrical control, emergency cut-off and monitoring systems.

Products comply with GB 50156-2021, AQ3001-2021, AQ/T 3002-2021 and other national standards, and have passed authoritative testing. It features safety, explosion-proof, environmental protection, compact structure, easy installation, movable design, low investment and long service life.

With full functions of traditional refueling stations, it is a nationally promoted safe and eco-friendly refueling solution supported by multiple national patents.



The mobile barrier-explosion-proof skid-mounted gas station

The mobile barrier-explosion-proof skid-mounted gas station integrates oil storage, refueling, explosion-proofing and intelligent monitoring. It stores diesel, gasoline and methanol, realizing flexible deployment and rapid commissioning to replace traditional stations, suitable for logistics parks, mines, construction sites and ports.

Prefabricated wholly in factory, it is simply installed on site. With explosion-suppression materials, double-layer tanks, leakage monitoring, static protection and emergency cut-off devices, it is safe and compliant. Removable, space-saving, low-cost and fast-built, it meets self-refueling needs of various scenarios.

Guangzhou Shengxun Electronic Technology Co., Ltd.

✉ info@ctrlpa.tech
🌐 <https://ctrlpa.tech/>, <https://ctrlpa.com>



Portable Directional Intense Sound System for Emergency

As a powerful tool for on-site command and control in emergency rescue operations, it features intense sound, directionality, high definition, and long-range amplification capability. In open areas, the alarm can be heard up to 1000 meters away. It also combines multimedia playback with long-lasting battery life.



Omnidirectional Acoustic Device

It features a specialized sound-producing design that provides high-definition, intense sound amplification over long distances with 360° coverage. This versatile alert system is suitable for various scenarios, including flood monitoring, urban safety emergencies, wildfire prevention, geological disasters, and specific applications like bird repellent operations at airports. In open areas, the alarm sound covers an area of 2 kilometers in diameter.

HANGZHOU ZION COMMUNICATION Co., Ltd.

✉ luke@zion-communication.com
🌐 www.zion-communication.com



ZION COMMUNICATION is a professional manufacturer of Fire-Resistant Cables including BS EN 50200 Class PH30 & PH120, BS 6387 Cat C.W.Z Class PH30 & PH120, UL1424 FPL & FPLR etc. ZION Communication supplies a wide range of Fire-Resistant Cables & Fire Alarm Cables for use with fire monitoring, fire detection, power-limited fire alarm systems, smoke detectors, signaling, audio circuits, control circuits, fire protective circuits, and security systems.



ZION COMMUNICATION is a professional manufacturer of KNX Cables including KNX 1PR 0.8mm and KNX 2PR 0.8mm, etc. ZION Communication's certified KNX Cables ensure seamless communication between devices, enabling smooth system operation, simple scalability, and a smart environment that is comfortable, energy-efficient, and secure.

HUANGSHAN ZHONGGUANGTAI SPECIAL EQUIPMENT Co., Ltd.

✉ service@zhonggt.com
🌐 <https://zhonggt.com>



The Pickup energy storage vehicle is a split-type, relocatable unit that integrates multiple operational functions, including mobile charging, low-voltage regulation, backup power supply, emergency power provision, temporary power sourcing, temporary capacity augmentation, on-site photovoltaic absorption, and peak shaving and valley filling. The system features vehicle-unit separation and rapid battery swapping capabilities.



The Zhonghui Teceng ZGT-3000-15 type all-terrain hydraulic crawler-type drainage robot is a large-scale autonomous emergency drainage equipment. It focuses on "all-terrain adaptability, efficient drainage, and intelligent control", and is specifically designed for large-scale water accumulation disposal in complex environments. It is widely applicable to scenarios such as urban flood control, emergency drainage, fire water supply, and underground space drainage.

Jiangsu Ji'an Mining Technology Joint Stock Co., Ltd.

✉ xzjiankeji@gmail.com
🌐 <https://www.chinaminefire.com>



Purite Mining Special Liquid, Model JTF-1

Targeting the challenges of strong concealment of residual coal spontaneous combustion in goafs, easy slurry loss and short treatment efficiency of traditional fire prevention and extinguishing technologies, the company has developed Purite Type I technology. This technology adopts a microcapsule controlled-release process. With A and B two-component materials, it achieves foaming first and gelation afterwards. It effectively solves the problem of slurry flowing and escaping along channels, enabling full-range diffusion and accumulation in goafs to form a water-containing gel protective layer, which integrates cooling, oxygen isolation and flame inhibition. It is suitable for coal spontaneous combustion prevention in goafs, roadways, support tops, coal piles and large-area coalfields. The technology has been popularized in more than one hundred mines. It has thoroughly eliminated stubborn spontaneous combustion hazards in Zhangshuanglou Coal Mine with outstanding application results.



Coal Mine Intelligent Fire Prevention and Extinguishing New System

Aiming at the frequent occurrence of internal and external mine fires, as well as the shortcomings of traditional manual monitoring such as data lag, low intelligence level and poor equipment compatibility, the online monitoring and intelligent early warning system for coal mine fires has been developed. The system integrates beam tube gas sampling, optical fiber temperature measurement and multi-parameter sensing monitoring technologies. Relying on big data algorithms, it realizes intelligent fire assessment, graded early warning and linked disposal, and can be seamlessly connected to the existing mine monitoring platform. It can comprehensively monitor fire hazards in underground goafs, electromechanical chambers, belt roadways and other areas, forming a closed-loop fire prevention and control system. At present, the system has been applied in dozens of coal mines, accurately predicting and eliminating potential fire risks with excellent application results.

Jiangsu Leilong Safety Fire-Fighting Equipment Co., Ltd.

✉ wangmeng@leilonganquan.com
🌐 <http://www.leilonganquan.com>



Intelligent Fire Extinguishing Robot

Main Functions:
Primarily used for early-stage fire extinguishing. Active flame detection: when a fire is detected, the robot automatically navigates to the fire source and performs automatic fire suppression. Widely applicable in warehouses, factories, schools, hospitals, gas stations, and similar locations.
Main Parameters:
Fire Extinguishing Efficiency: Quickly extinguishes the fire source within 5 minutes.
Fire Extinguishing Coverage: The robot can reach a speed of 30 km/h. A single robot can effectively monitor an area of 500 m². It comes with two 10-liter dry powder fire extinguishers, which can be quickly replaced. It can effectively extinguish incipient fires involving flammable liquids such as petroleum and organic solvents, flammable gases, and electrical equipment.



24/7 Home Security Guardian

24/7 Home Security Guardian
Mainly used for home safety emergency alerts, it enables monitoring and early warning of hazards such as fire, air quality, and gas safety. The controller adopts a high-performance intelligent gas sensor and is an intelligent high-performance detection module capable of continuous online monitoring of multiple gas components, including TVOC, formaldehyde, methane, carbon dioxide, as well as smoke detection, atmospheric pressure, temperature, and humidity sensors. The controller features a 7-inch LED display with rich content and an aesthetic design. It can be wall-mounted or placed upright. It contains a large-capacity maintenance-free lithium battery pack, allowing continuous operation even after a power outage. It uses dedicated IoT network communication, which does not rely on home networks, ensuring more reliable communication. Through wireless IoT transmission technology, sensor data is uploaded to the cloud platform in real time. Big data analysis is then performed to issue timely warnings and alerts.

Lehui Emergency Technology (SZ) Co., Ltd.

info@lehuipowerfactory.com
www.lehuipowerfactory.com



Vertical Manual Light Tower

The light tower with manual vertical is the hot-selling model in the market, operate friendly, compact canopy, and transport easily. The configuration can be customized according to the customer's market. Air-cooled engine can be chosen Chinese brands, Kohler, Yanmar, Kubota; water-cooled engine can be used Perkins, Yanmar, Kubota and Chinese brands.

Main Features:

4*350W LED | 4*1000W Metal halide | Customized
Mast Rotation 360° (manual); Vertical Telescoping Multi Sections Mast; Mast height 8M/Retracted 2.52M; Auxiliary sockets 2x16A; Wheels 185R/14" or 165R13"; Forklift pockets Standard; Central lift point; Tail light connector; Tower mast Locking Device; Fuel tank 100L.



Horizontal Manual Light Tower

The horizontal series lighting towers designed to operate continuously and withstand temperatures from -40°C to 60°C. Fitted with a nine metre manually extendible mast, it is one of the most versatile and competitive on the market.

Main Features:

4*350W LED | 4*1000W Metal halide | Customized
Mast Rotation 360° (manual)
Horizontal Telescoping Multi Sections Mast
Mast height 9M/Retracted 2M
Auxiliary sockets 2x16A
Wheels 185R/14" or 165R13"
Forklift pockets Standard
Lift point on mast
Tail light connector
Tower mast Locking Device
Fuel tank 100L

Li-Tech New Energy Technology (Sichuan) Co., Ltd.

393589937@qq.com
www.sinhober.com



Small Integrated Emergency Replenishment Vehicle

6-wheel drive, micro chassis navigates narrow ruins. Solar PV + storage, remote/unmanned operation. 4x300Wh lighting, 7-12m mast, covers 1000m², integrates comms & video. Modular power supply for rescue vehicles. Ideal for disaster ruins, field/desert, temporary command posts.



Large-Scale Mobile Energy Storage Trailer

High-mobility PV-storage trailer, integrated generation-storage-supply for off-grid. EMS optimizes PV/wind/diesel/storage for max efficiency. Towed by truck, quickly establishes MW-class power. Auto-deploy panels & turbines in minutes.

NING JIN APC INDUSTRIES INCORPORATED COMPANY

✉ allori.qu@apc-valve.com
🌐 <http://www.apc-valve.com>



This wet alarm check valve is designed for wet pipe fire sprinkler systems. It is rated for a working pressure of 300 psi and is available in sizes ranging from 2 to 12 inches. Both flanged and grooved end connections are available. The valve assembly includes an alarm valve, a retard chamber, pressure gauges, a water motor alarm, and pressure switches. When the sprinklers activate, the valve opens to allow water flow, triggering the alarm devices. The trim includes a bypass to prevent false alarms caused by pressure surges. The valve is FM and UL approved and must be installed vertically, with the water flow arrow pointing upward.



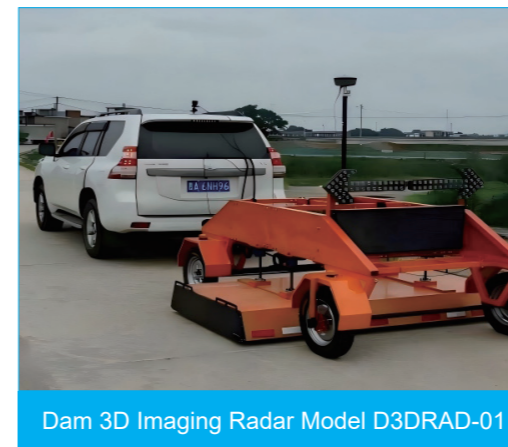
This deluge valve uses a straight-through cone diaphragm seal for reliable self-sealing operation. It can be activated remotely by electric, pneumatic, or manual methods. The valve is available in sizes ranging from 2 to 8 inches, with either grooved or flanged ends. Rated for 300 psi, it is FM and UL approved. Suitable for both horizontal and vertical installations, it is ideal for automatic sprinkler systems in residential, commercial, and industrial applications. Optional control valves with tamper switches are available.

POWERCHINA GUIYANG ENGINEERING CORPORATION LIMITED

✉ 984459454@qq.com
🌐 <http://ghidri.powerchina.cn>



Airborne WGPR system integrates GPR with UAV, ensuring accurate measurements, enhanced safety efficiency, and terrain data collection in hazardous inaccessible areas without personnel entry.



Real-time 3D imaging system integrates variable frequency array antennas for 1-15m depth detection, enabling continuous scanning of roadbed anomalies (loose bodies, water zones, cavities) at 10-60km/h with ≤ 1 m error tolerance for defects and coordinates, featuring robust anti-interference capability.

Shanghai Xudi Trading Co., Ltd.

✉ miaohuiqin@xudimodel.com
 🌐 www.xudimodel.com



JIEFANG CA141 Ladder Fire Truck Model

This 1:43 scale resin model faithfully recreates the iconic FAW CA-141 Aerial Ladder Fire Truck, a legendary workhorse of Shanghai's firefighting history. The original truck was equipped with a domestic 30-class fire pump, fire hoses, and an imported wooden mechanical extension ladder capable of reaching 16 meters (50 feet). It served heroically in major Shanghai fire emergencies for decades before its official retirement in 1999. Every detail is precisely reproduced in high-quality resin: the vibrant red body, authentic FAW front grille, rugged black wheels, and the light brown wooden ladder assembly with its classic spoke wheels. Mounted on a premium clear acrylic display base, this piece offers unobstructed views from all angles, making it a perfect collector's display item and a tribute to China's firefighting heritage.



VEMA 56F Aerial Platform Fire Truck Model

This 1:43 scale resin model recreates the powerful VEMA 56F Aerial Platform Fire Truck, built on a Volvo FMX 460 chassis. The original vehicle features Finland's advanced VEMA F-series aerial boom system, consisting of one main boom, five telescopic sections, and one articulated arm. It delivers a maximum working height of 56 meters (183.7 feet), a horizontal outreach of 27 meters (88.6 feet), and a basket load capacity of 500 kg (1102 lbs), making it ideal for high-rise firefighting and rescue missions. Every detail is faithfully reproduced in high-quality resin: the vibrant red body, functional boom assembly, realistic cab, and authentic VEMA markings. Mounted on a premium acrylic display base, this piece is a must-have for fire truck enthusiasts and collectors, showcasing the cutting-edge engineering of modern firefighting technology.

Shaoxing Xieli Fire Safety Equipment Co., Ltd.

✉ sophia@sxxlxf.com
 🌐 www.sxxlxf.com



CO2 Fire Extinguisher

CO₂ Fire Extinguisher – Fast • Clean • Safe
 Fast fire knockdown: Rapid cooling + oxygen starvation
 Clean & non-damaging: No residue, safe for electronics & valuables
 Universal use: Class B (liquids) & C (electrical) fires
 Trusted quality: CCC, CE (PED/TPED), ISO9001 certified
 Durable & reusable: Premium steel cylinder, long lifespan.



Gas Cylinder

Our gas cylinders adopt high-strength seamless steel structure, featuring high pressure resistance, corrosion resistance and stable performance. Strictly manufactured and tested, fully certified with CE, PED, TPED and pressure vessel approvals. Suitable for storage and transportation of oxygen, argon, CO₂ and other industrial gases. Widely applied in industry, welding, medical and chemical fields with safe and reliable quality.

Shenzhen HQVT Technology Co., Ltd.

✉ huangyizhong@hqvt.com
🌐 <https://en.hqvt.com/>



First-of-its-Kind Novel Multispectral AI Fusion Technology (Invention Patent Granted)

The AI Multispectral Fire Prevention Early Warning Analyzer integrates multispectral physical sensing and AI intelligent algorithm models. It enables 24/7 uninterrupted AI detection of ultraviolet, infrared, and visible light. Combined with a three-tiered early warning network monitoring system, it achieves early detection of temperature fluctuations, high temperatures, flames, electrical sparks, and integrated smoke/flame alerts. This enables preemptive detection and early warning of fire hazards before ignition occurs, achieving true prevention before combustion.

Explosion-proof products: Complies with standards such as Ex db, IIB T Gb, constructed from aluminum alloy material, suitable for use in potentially explosive atmospheres.



First-of-its-Kind Dual-Spectrum AI Fusion Technology (Invention Patent Granted)

Equipped with a high-performance processor, AI computing chip, and spectral sensor, this system employs a fusion technology integrating multiple algorithms—including video graphics and spectral physics perception AI models—to conduct comprehensive, intelligent, three-tiered interconnected monitoring for all types of fire situations. It enables extremely early fire hazard warnings and alarms, along with remote visual verification of fire scene incidents.

Lightweight version (D3), Suitable for small areas and similar spaces.

Sunward Intelligent Equipment Co., Ltd.

✉ tyoffice01@163.com
🌐 <https://www.sunwardmachine.com/>



Sunward Intelligent Equipment Co., Ltd. developed the Intelligent Remote-Control Excavator. It features three operation modes: local operation, short range remote control, and remote-control operation. It supports multiple accessories such as excavation, breaking, and cutting. Its features include strong field sense, high safety, long remote-control distance, low image and operation delay, high operational accuracy, and high informatization. It is widely used in emergency rescue and other fields.



Sunward Intelligent Equipment Co., Ltd. developed the Amphibious Excavator. It has a wide range of applications and can be used in places such as land, wetlands, swamps, rivers, lakes and seas. Equipped with a corrosion-resistant, low-noise twin-propeller propulsion system, it can navigate freely in the water. The telescopic chassis can not only meet the requirements of narrow passages and transportation, but also ensure safety during operation. The extended working device provides a wide range of operating areas. Equipped with a lockbolt mechanism, it not only ensures the stability of equipment operation but also ensures the safety of personnel when working in deep water. A variety of work accessories are optional and suitable for various working environments.

