



ORE

EMERGENCY EQUIPMENT

Founded 2010 · National High-Tech Enterprise · National "Little Giant" Enterprise
110,000 m² Manufacturing Base · Business in 80+ Countries · 250+ Patents



CONTENTS

PART 01

ODE Company Introduction

Company Profile
Founder's Reflections
Development History

PART 02

Global Channel & Brand Advantages

Global Marketing Network
Nine Channels
Five Advantages

PART 03

Comprehensive Rescue Full-Domain System

Full-Scenario Solutions
Core Brands
Three Product Segments

PART 04

Partners

Strategic Partners & Clients

PART 05

Practical Application Cases

Real-world Cases
Social Responsibility

ODE COMPANY PROFILE

Global Intelligent Rescue Equipment Manufacturer

ODE Technology Co., Ltd. (ODETECH) was founded in 2010. It is a National High-Tech Enterprise and a National Specialized, Refined, Differential and Innovative "Little Giant" Enterprise. For nearly two decades the company has focused on the emergency rescue field, specializing in R&D and manufacturing of full-series equipment including hydraulic rescue tools, heavy-duty supports and intelligent rescue robots. It operates a provincial-level research institute, holds nearly 200 patents, and its products serve engineering construction, industrial manufacturing, emergency rescue and other scenarios, with products exported overseas.

2010

Founded

110000m²

Plant Area

80

Countries

50+

Invention Patents

200+

Utility Model Patents



VISION

To become a leading domestic and globally renowned integrated service provider of intelligent rescue equipment.

MISSION

To become a leading domestic and globally renowned integrated service provider of intelligent rescue equipment.

VALUES

To become a leading domestic and globally renowned integrated service provider of intelligent rescue equipment.

HONORS & CERTIFICATIONS



- Occupational Health and Safety Management System Certification
- National High-Tech Enterprise
- National Specialized, Refined, Differential and Innovative "Little Giant" Enterprise
- Zhejiang Provincial Specialized, Refined, Differential and Innovative SME
- Zhejiang Provincial Innovative SME
- Weapon Equipment Quality Management System Certification (Military Standard)
- Gazelle Enterprise
- Key Project of National Cooperation HIT Yangtze River Delta Industrial Development Research Center
- Environmental Management System Certification
- Quality Management System Certification

* Data as of 2026

PATENTS / CE CERTIFICATIONS

The company holds nearly 50 invention patents and over 200 utility model patents. Products hold national testing reports and have obtained ISO, CE, RoHS and other domestic and international certifications.



SELECTED PATENTS & AWARDS

- Zhejiang Provincial Technology Invention Award
 - Small Electric Hydraulic Plunger Pump Patent
 - Recessed Hydraulic Pump Patent
 - Electric Shearer / Cutter Patent
- Light Electric Hydraulic Plunger Pump Patent
 - Electric Spreader Patent
 - Electric Combination Tool Patent
 - Electric Ram Patent

INTERNATIONAL CERTIFICATIONS

- SAW CE Certification
- Expander CE Certification
- Hydraulic Pump CE Certification
- ISO / RoHS

FOUNDER'S REFLECTIONS



EMERGENCY RESCUE CONCERNS LIFE HEAVIER THAN MOUNT TAI

Starting in 2007, ODE Technology began with traditional rescue tool manufacturing and has always adhered to the original intention of "Quality First, Combat-Oriented, Technology as the Soul." After nearly two decades of deep cultivation in the emergency rescue field, it has grown from a single equipment manufacturer into an integrated intelligent rescue system provider combining R&D, manufacturing, integration and services.

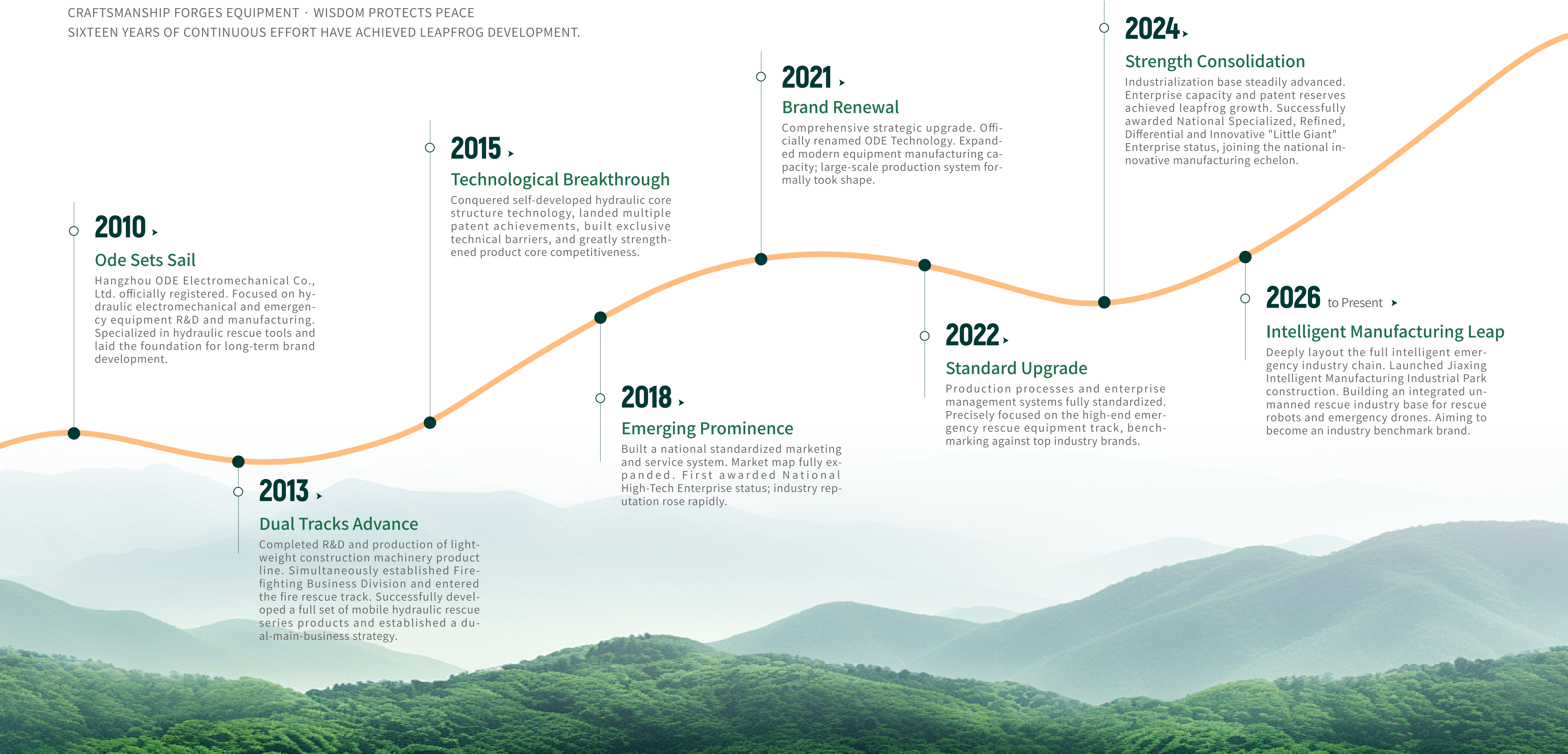
We deeply understand that every piece of equipment and every system carries the weight of life. Therefore, ODE always polishes products with rigorous standards, drives upgrades with innovative technology, and guarantees combat effectiveness with professional services. Continuously promoting the transformation of traditional rescue tools toward intelligent, unmanned and integrated systems, we have built a full-process intelligent rescue system covering "Detection, Inspection, Breaking, Rescue, Communication, Control and Management." Technology accelerates rescue; equipment protects life.

Looking ahead, ODE Technology will continue to stick to its industrial foundation, strengthen technological innovation, deepen system integration, and deeply cultivate the intelligent emergency track. Together with industry peers, we will contribute solid strength to the modernization of the national emergency system, social public safety, and every life rescue operation.

Grateful for companionship, never failing the mission. ODE is willing to walk with you to protect peace and protect life.

DEVELOPMENT HISTORY

CRAFTSMANSHIP FORGES EQUIPMENT · WISDOM PROTECTS PEACE
SIXTEEN YEARS OF CONTINUOUS EFFORT HAVE ACHIEVED LEAPFROG DEVELOPMENT.



GLOBAL MAIN MARKETING NETWORK



DOMESTIC MAJOR MARKETS

Business covers all provinces and cities across China. Core markets are concentrated in Zhejiang, Jiangsu, Guangdong and other regions, enabling rapid local service response.

OVERSEAS MAJOR MARKETS

Cross-border e-commerce business covers more than 80 countries and regions worldwide. Core markets include Thailand, Singapore, Germany, France, Australia, etc. Products are sold across five continents. A mature international sales and service system has been established.

NINE MARKETING CHANNELS



FIVE CORE ADVANTAGES



FULL SELF-R&D AND SELF-PRODUCTION

Complete layout of rescue tools, intelligent rescue robots and emergency reconnaissance drones. One-stop solutions showcasing Chinese intelligent manufacturing strength.



COMBAT-ORIENTED DESIGN

Closely aligned with global rescue site needs: durable, robust, easy to operate and maintain; adaptable to multi-regional scenarios.



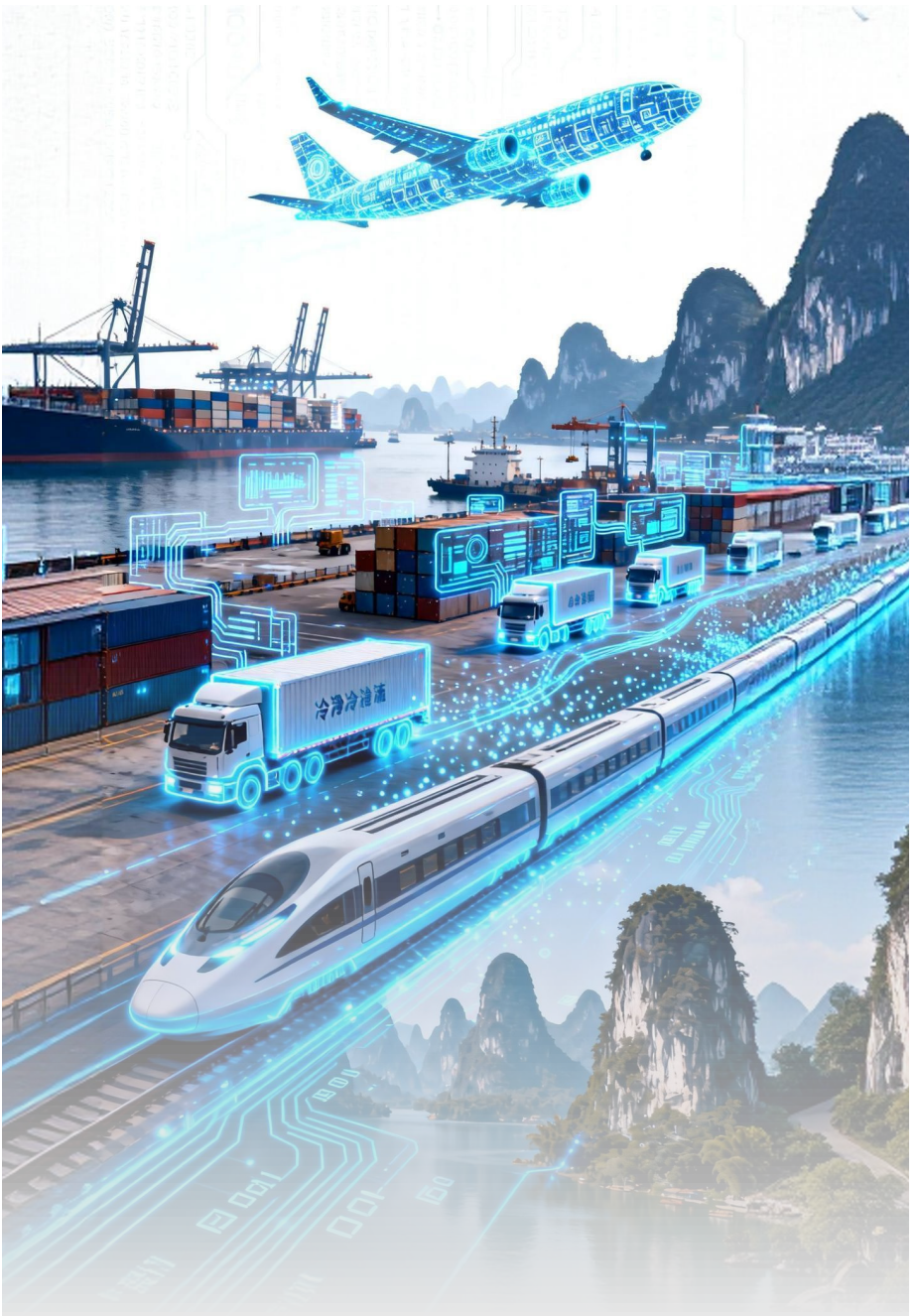
FULL-SCENARIO COVERAGE

Suitable for land, water, underground, high-altitude and high-risk environments, meeting all types of rescue needs.



INTELLIGENT SAFETY PRIORITY

Remote control and unmanned operation significantly reduce the risk of injury to rescuers and improve rescue safety.



GLOBAL QUALITY STANDARDS

Rigorous testing and authoritative certifications conforming to standards of multiple regions worldwide, helping Chinese equipment go global.

FULL LIFECYCLE OPERATION & MAINTENANCE SERVICE

Over 2,000 O&M service providers and 4,000+ professional engineers. Service capability radiates across 30+ provinces/cities and core counties nationwide. Overseas business covers 80 countries, realizing the global layout of emergency equipment O&M response network.



REGULAR INSPECTION & MAINTENANCE

Regular comprehensive equipment inspections to eliminate potential risks and ensure equipment integrity and readiness rates.

RAPID WORK-ORDER RESPONSE

O&M work orders responded to within 1 hour; on-site service within 24 hours to resolve equipment failures, debugging and calibration issues.

7×24 CUSTOMER SUPPORT

Round-the-clock response to customer inquiries and alarm feedback; rapid coordination of O&M resources.

FULL-PROCESS CLOSED-LOOP MANAGEMENT

Equipment fault reporting → work-order dispatch → on-site handling → acceptance and archiving, achieving 100% closed-loop of O&M processes.

DATA-DRIVEN OPERATIONAL SUPPORT

Regular output of equipment operation reports providing decision-making basis for equipment optimization configuration and maintenance plan formulation.

**Committed To Becoming A Global Intelligent
Manufacturer Of Rescue Equipment.**

Contributing Chinese Strength To The Global Rescue Cause:
Chinese Intelligent Manufacturing · Full-domain Emergency Response · Global Leadership.

Business Domain	Comprehensive Rescue Full-Scenario Solutions									
Solution Categories	Rescue Tool Series				Intelligent Rescue Robot Series			Emergency Reconnaissance Drone Series		
	Mobile Hydraulic Rescue Tool Sets	Individual Electric Hydraulic Rescue Tools	Backpack Amphibious Hydraulic Rescue Tool Sets	Micro / Confined-Space Specialized Rescue Tools	Multi-function Rescue Robot	Breaking Rescue Robot	Confined-Space Reconnaissance Robot	Rescue Reconnaissance Drone	Confined-Space Rescue Reconnaissance Drone	Long-Range Intelligent Landing Drone
Business Entities	ODE · Belton · ODE (Overseas)									

CORE BRANDS INTRODUCTION

01

ODE



Deeply cultivates the intelligent rescue field, focuses on cutting-edge technological innovation, integrates intelligent perception, unmanned equipment and big data technology, and independently develops an integrated intelligent rescue system. Main products include high-performance rescue tools, intelligent rescue robots, emergency reconnaissance drones and full-scenario solutions. Empowered by digital platforms for the entire rescue process. Adheres to independent R&D and promotes domestic substitution. With hard-core technology, aims to build a leading domestic and globally renowned high-end intelligent rescue equipment brand.



02

Belton



High-end professional rescue brand. Focuses on high-performance firefighting and special rescue equipment, with high reliability and strong adaptability as core positioning. Covers full categories of rescue tools including breaking, spreading and cutting. Relying on the Group's patent technology and authoritative certification system, it has become a recommended brand for large enterprises and institutions such as China Railway, Sinopec and fire brigades.



03

ODE (Overseas Brand)



Exclusive brand built for the international market. Products are designed and produced in strict accordance with EU and other international standards. Relying on CE, RoHS and other certifications and patent technology advantages, it focuses on customized needs of overseas customers and provides hydraulic tools and rescue equipment solutions adapted to different regions worldwide. Products are sold to 50+ countries and regions and are a recognized Chinese hydraulic equipment brand in overseas markets.



RESCUE TOOL SERIES A — MOBILE HYDRAULIC RESCUE TOOL SETS

Heavy-duty Assault · Durable and Powerful



Specially designed for large-scale, high-intensity rescue operations. Mainstay equipment for complex scenarios such as building collapse, heavy vehicle accidents and industrial & mining rescue. Reliable performance and high operational efficiency.

High-Power Power Unit

High-power power unit enabling multi-tool simultaneous operation; efficiency leads the industry.

Excellent Reliability

Suitable for heavy vehicle accidents, building collapse, industrial & mining rescue and other complex scenarios.

Strong Versatility

Universal interfaces, robust structure; capable of long-duration high-intensity operations, stable and reliable.

Rapid Mobile Deployment

Mainstay equipment for road clearance, tunnel rescue and emergency obstacle breaking; empowering global rescue sites.

Core Models

- Hydraulic Mobile Pump P640TGL2
- Hydraulic Cutter S251-L1
- Hydraulic Combination Tool (Cutter-Spreader) SC370-L3

- Hydraulic Spreader SP736-L
- Double-Plate Ram TR561-L

RESCUE TOOL SERIES B — INDIVIDUAL ELECTRIC HYDRAULIC RESCUE TOOLS

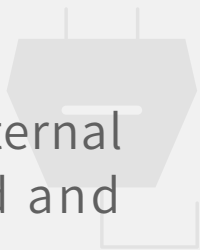
Individual Portable · One-Key Combat Ready



Revolutionary individual equipment that eliminates dependence on traditional hydraulic power sources. Enables rapid deployment and flexible operation. Specially designed for modern emergency rescue scenarios.

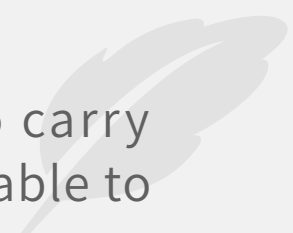
Integrated Electric Drive

Integrated electric drive, no external pump source required; rapid and convenient deployment.



Ultra-Lightweight Design

Lightweight design, easy to carry and simple to operate; adaptable to various rescue scenarios.



Safe and Stable Operation

Flexible operation in narrow rubble, vehicle interiors and indoor spaces; strong adaptability.



Rapid High-Efficiency Response

Spark-free, low noise, safe and reliable; supports rapid response and efficient rescue.



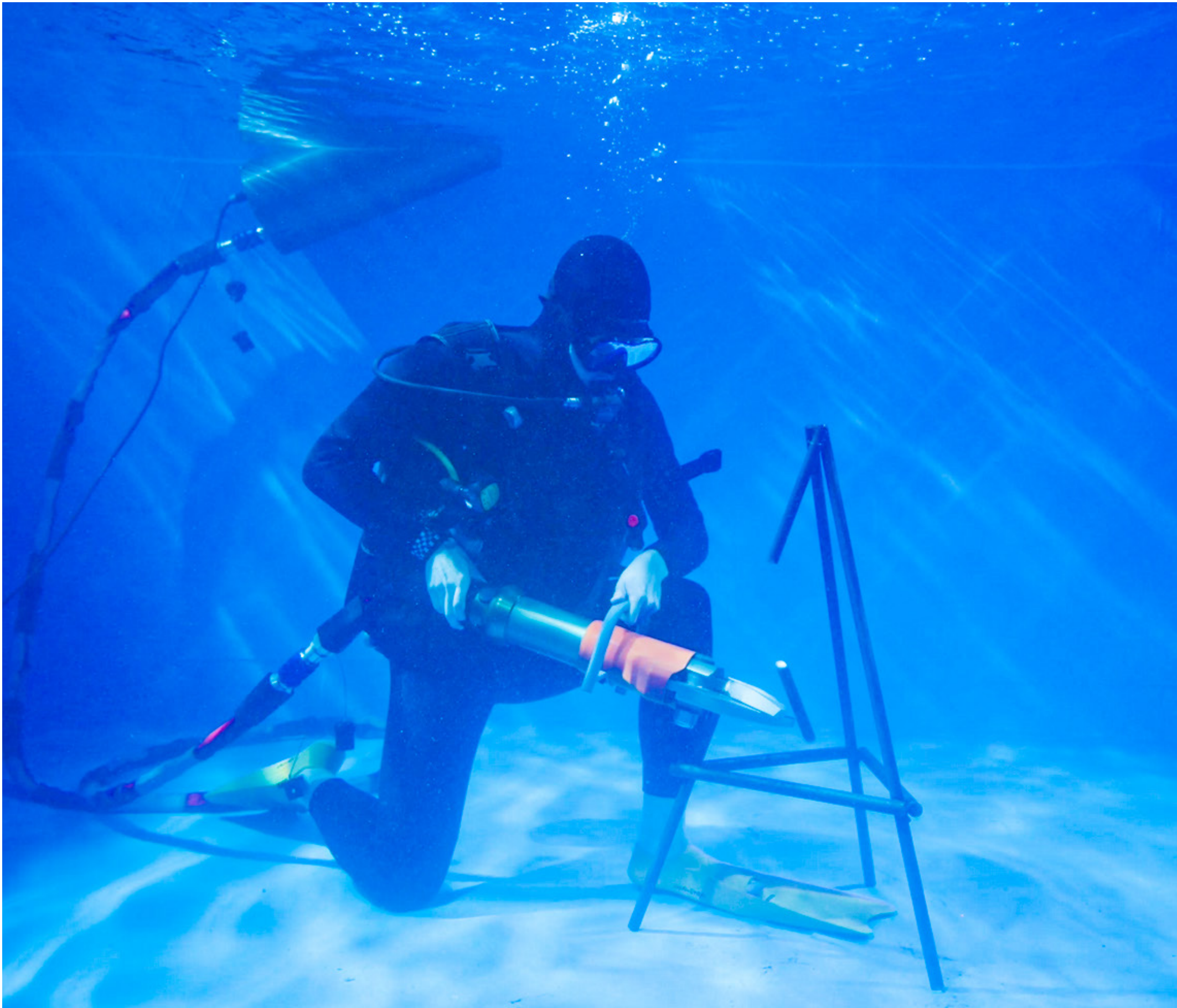
Core Models

- Electric Hydraulic Cutter S251-E2
- Electric Hydraulic Combination Tool SC370-E
- Electric Hydraulic Spreader SP736-E

- Electric Double-Stage Hydraulic Ram R322-E
- Electric Hydraulic Forced-Entry Tool KFC200-E

RESCUE TOOL SERIES C — BACKPACK AMPHIBIOUS HYDRAULIC RESCUE TOOL SETS

Unimpeded on Land and Water · Full-Domain Assault



World-leading amphibious rescue solution specially designed for flood and water rescue scenarios. Integrates "Chinese Intelligent Manufacturing" innovation capability.

Single-Soldier Backpack Design

Backpack design enables rapid mobility across complex terrain including mountains, mud and wading.

Full Environmental Adaptability

Waterproof and anti-corrosion structure; normal operation underwater and in flood environments with stable performance.

Dedicated for Water Scenarios

Special equipment for vehicle-in-water, ship accidents, ice rescue and flood barrier breaking.

Land-Water Full Coverage

One set of equipment covers all land and water rescue needs, showcasing Chinese intelligent manufacturing strength.

Core Models

- Backpack Dual-Circuit Electric Hydraulic Pump P610AE-L
- Hydraulic U-Type Cutter S175-L
- Hydraulic Spreader SP501-L
- Hydraulic Combination Tool SC280-L

- Hydraulic Micro Cutter S61-L
- Hydraulic Single-Stage Ram R562-L
- Hydraulic Door Opener KFC590-L / KFC470-L
- Hydraulic Forced-Entry Tool KFC200-L

RESCUE TOOL SERIES D — MICRO / CONFINED-SPACE SPECIALIZED RESCUE TOOLS

Fine Operation · Precise Rescue



Precise rescue tools designed for extreme confined spaces such as elevators, utility corridors, gaps and ship cabins. Born to solve personnel rescue challenges in complex environments.

Ultra-Compact Size

Compact volume allows easy entry into elevator shafts, utility corridors, gaps, ship cabins and other confined spaces.

Precise Hydraulic Control

Expansion, cutting and propping are precisely controllable with flexible operation and accurate force application.

Full-Scenario Livelihood Adaptation

Dedicated for personnel entrapment, mechanical pinching and amusement facility rescue; suitable for livelihood rescue.

Significantly Improved Success Rate

Reduces secondary injury and improves rescue success rate, conveying the warmth of Chinese rescue.

Core Models

Individual Multi-function Tool D1

Single-Pack Backpack Electric Rescue Tool Set BE-EHK-5A

INTELLIGENT RESCUE ROBOT SERIES A — MULTI-FUNCTION RESCUE ROBOT

High-Risk Substitution · Multi-Capability in One



Covers ground, water, hazardous chemical and other scenarios. Uses unmanned and intelligent technology to replace rescue personnel entering high-risk environments, comprehensively improving rescue safety and efficiency.

Strong Terrain Adaptability

Tracked all-terrain chassis; freely navigates rubble, steep slopes, mud and other complex terrain.

Multi-Task Module Integration

Integrates breaking, obstacle clearing, towing, reconnaissance, lighting and other functions; one machine for multiple uses.

Kilometer-Level Stable Control

Expandable firefighting, smoke extraction and gas detection modules; adaptable to full-scenario rescue.

Full Adaptation to High-Risk Environments

Replaces manual operations in high-risk scenarios, ensuring rescue safety; adaptable to global multi-scenario rescue needs.

Core Parameters

Model: DR-ZH-001
Size: 1500 × 1000 × 1700 mm
Weight: 500 kg

INTELLIGENT RESCUE ROBOT SERIES B — BREAKING RESCUE ROBOT

Heavy-Duty Breaking · Fearless of Danger



Specially designed for heavy-duty breaking tasks in extreme danger environments. Integrates high-temperature resistance, strong power and remote control as core technologies. A "steel beast" for assault and obstacle breaking at disaster sites.

Extreme Environment Protection

High-temperature resistant, dense-smoke resistant, toxic-gas resistant; adaptable to extreme rescue environments.

Powerful Assault Performance

Efficiently crushes concrete, cuts rebar and props stable structures; outstanding assault capability.

Safe Remote Control

Remote wireless control maximizes protection of rescue personnel safety and improves rescue efficiency.

All-Terrain Complex Scenarios

Dedicated equipment for high-risk scenarios; adaptable to global high-risk rescue, highlighting the core advantage of "high-risk rescue adaptation".

Core Parameters

Model: DR-PC-002
Size: 1500 × 1000 × 1700 mm
Weight: 500 kg

INTELLIGENT RESCUE ROBOT SERIES C — CONFINED-SPACE RECONNAISSANCE ROBOT

Closed-Space Pathfinding · Life Detection



Reconnaissance pioneer specially designed for closed complex environments without GPS signals such as underground utility corridors, mines, rubble and dense smoke. Can penetrate the site at the first moment of danger to provide key environmental data.

Stable Navigation without GPS

Suitable for underground utility corridors, mines, rubble, dense smoke and other closed complex environments.

Multi-Sensor Fusion Detection

Equipped with thermal imaging + real-time video transmission to precisely capture life signs.

Flexible Task Module Expansion

Can be equipped with gas detection, voice intercom and lighting modules for comprehensive reconnaissance.

Advance Reconnaissance in Dangerous Environments

Closed-space reconnaissance pioneer providing precise support for global rescue.

Core Parameters

Model: DR-KJ-003
Size: 1500 × 1000 × 1700 mm
Weight: 500 kg

EMERGENCY RECONNAISSANCE DRONE SERIES A — RESCUE RECONNAISSANCE DRONE

Aerial Eye · Full-Domain Perception



Covers reconnaissance, delivery, communication and other multi-purposes. Achieves full-domain perception and remote reinforcement from a high-altitude perspective, providing aerial support for various global rescue scenarios.

Rapid Wide-Area Survey

Rapid take-off for wide-area disaster survey and road inspection; efficiently grasp on-site situation.

All-Weather Operation

Visible light + thermal dual-light search and rescue; supports night-time all-weather operation with no blind spots.

High-Stability Flight

Wind-resistant and stable; adaptable to complex meteorological environments such as earthquakes, floods and mountain forest search.

Air-Ground Collaborative Guidance

Real-time return of on-site images assists command and dispatch, improves rescue collaboration efficiency and strengthens aerial rescue support capability.

Core Parameters

Model: FD-ZC-001

Aircraft Weight: 1,250 g

Max Endurance: 38 min

Max Take-off Altitude: 5,000 m

EMERGENCY RECONNAISSANCE DRONE SERIES B — CONFINED-SPACE RESCUE RECONNAISSANCE DRONE

Through Gaps into Holes · Indoor Reconnaissance



A miniaturized, highly maneuverable professional drone specially designed for complex environments without GPS signals. It can penetrate indoor and rubble areas that large equipment cannot reach to perform critical life-sign reconnaissance and environmental mapping tasks.

Miniaturized Body

Miniaturized body can flexibly enter various confined spaces through openings and gaps.

Precise Hover without GPS

Altitude-hold hover without GPS; adaptable to underground, indoor, rubble and other signal-free environments.

Full-Dark Environment Operation

Real-time video transmission search and rescue in darkness, dense smoke and occluded environments; precisely locates trapped persons.

Fills Rescue Gaps

Suitable for collapsed buildings and confined-space reconnaissance; fills gaps in closed-scenario rescue with strong multi-environment adaptability.

Core Parameters

Model: FD-KJ-002
Max Flight Speed: 23 m/s

Aircraft Weight: 1,700 g
Max Endurance: 42 min / 15 km

EMERGENCY RECONNAISSANCE DRONE SERIES C — LONG-RANGE INTELLIGENT LANDING DRONE

Remote Reinforcement · Precise Delivery



A fixed-wing UAV with long-range flight and autonomous landing capability. Key equipment for breaking through road blockages and achieving remote rapid response. When ground traffic is paralyzed, it establishes a precious "aerial lifeline" for disaster areas.

Ultra-Long-Range Deployment

Long-distance remote deployment breaks road blockage limitations and rapidly reaches disaster sites.

Intelligent Autonomous Landing

Intelligent visual positioning enables autonomous return and precise landing even in signal-free environments; high reliability.

Multi-Mission Collaboration

Supports emergency material delivery, communication relay and post-disaster full-domain reconnaissance for multi-mission collaboration.

Extreme Disaster Response

Remote rapid response equipment for extreme disasters; provides efficient solutions for global long-distance rescue, echoing the series' "multi-purpose" positioning.

Core Parameters

Model: FD-YS-003

Max Endurance: 107 min

Max Flight Speed: 108 km/h

Max Range: 45 km

PARTNERS

ODE Technology has established long-term cooperative relationships with numerous well-known enterprises, institutions and professional rescue forces:

China Petroleum · China Railway · XCMG Group · CITIC Heavy Industries · Sinopec · Ansteel Group · China State Construction · BSR (China Search & Rescue) · China Fire Services · Zhejiang Provincial Fire & Rescue Corps · Tsinghua University · Dahua Technology · China Aerospace Science & Technology · China Railway Construction · Tesla · BYD · CRRC · China People's Armed Police Force · China Fire & Rescue · Relevant Emergency Management Units · China Communications Construction · and more.



SOCIAL RESPONSIBILITY

With the Shield of Technology, Protect the Light of Life

ODE Technology always keeps in mind the business philosophy of "taking responsibility for society" and continuously advances social actions such as public welfare support for emergency rescue, empowering rescue forces with equipment, disaster response, and capacity building for civil rescue teams.



Letter of Appreciation from the National Emergency Rescue System:
Provided high-quality professional emergency equipment support for the construction of the National North China Regional Emergency Rescue Center, precisely filling gaps in equipment configuration and support. Hard-core equipment empowers professional rescue and comprehensively enhances the comprehensive capability of the national team in emergency rescue and response, building solid support and reliable confidence for various sudden dangerous situation rescue operations.



Aid to Turkey Earthquake Zone:
Witnessed the technological power of civil rescue. Assembled civil public-welfare rescue forces to the transnational disaster-relief front line, fully demonstrating the combat effectiveness and professional strength of ODE rescue equipment at the earthquake disaster site. With hard-core technology empowering life rescue, professional equipment guarding hope, and practicing the responsibility mission, it gently conveys the original intention of technology for good and highlights the responsibility and sentiment of Chinese civil rescue.



ODE Rescue Organization:
Long-term plan to empower civil rescue forces. Special public-welfare projects donate core equipment (hydraulic rescue tools, rescue lighting, communication terminals, etc.) to Blue Sky Rescue teams, volunteer fire teams and other civil rescue organizations, and provide free maintenance and technical training, systematically improving the combat capability of civil rescue teams and enabling professional rescue to reach more scenarios.

PRACTICAL APPLICATION CASES

Selected Real-World Applications

- Kunming Aviation Rescue Detachment — Amphibious breaking training
- Chongqing Blue Sky Rescue Team — Support to Turkey earthquake zone (using electric rescue equipment)
- Yunnan Forest Firefighting — Underwater breaking field tests
- Qinghai Project — Inspection & maintenance training
- Dalian Municipal Emergency Management Bureau — Project acceptance
- Brazilian customers — On-site vehicle extrication with hydraulic rescue tools
- Multiple domestic fire & rescue teams and emergency management units — Equipment deployment and training
- Overseas customers across Asia, Europe, Africa and Latin America — Field applications



ODE equipment has been battle-tested in diverse real-world scenarios including earthquake rescue, flood response, vehicle extrication, industrial accidents, confined-space operations and underwater operations, demonstrating reliable performance and professional strength.



ODE TECHNOLOGY

Protecting Life with Intelligent Equipment

<https://www.odetools.com/> (example) · Contact us for partnership & product inquiries