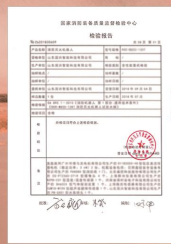


RXR-M150BD 4WD Diesel firefighting robot



► PRODUCT INTRODUCTION

Fire extinguishing robots can effectively replace trailer cannons and mobile cannons, using their own power to remotely control fire cannons to the required location; they can effectively replace fire rescue fighters approaching fire sources and entering dangers such as flammable, explosive, toxic, hypoxic, dense smoke, etc. When conducting investigation and fire-fighting operations at the scene of a disaster accident, operators can carry out fire-fighting operations up to 1,000 meters away from the fire source to avoid unnecessary casualties. It adopts a crawler wheeled all-terrain off-road chassis, which has ultra-high balance performance up and down stairs and off-road performance; the whole machine is small in size, has a low center of gravity, strong power, large traction, long continuous working time, and short endurance interval.

Applicable occasions include but are not limited to highway (rail) tunnel fires, subway station and tunnel fires, underground facility and freight yard fires, large-span and large-space factory fires, petrochemical oil depots and refinery fires; it can also be used in large-area toxic gas and smoke accidents and dangerous fires, used for target reconnaissance, attack and cover, fire fighting where personnel are not easily accessible, and rescue and rescue in dangerous situations.

► PRODUCT FEATURE

1. Powerful, imported engine can provide strong power for the machine
2. All-terrain crawler drive, can connect multiple high-pressure hoses and drag to the designated location
3. Equipped with wide crawler, can pass through all terrains; can rotate on the spot
4. Moderate size, can pass through narrow doors and wall holes; can shuttle freely in stairs
5. Equipped with 150L/s dual-use water cannon, range>100m
6. Comprehensive functions, can extinguish fires, environmental reconnaissance, can detect multiple gases in the on-site environment
7. Long remote control distance, remote control range is greater than 1000 meters

► PRODUCT FUNCTION

- **Firefighting water cannon:** 150L/S flow, water/foam dual-purpose, range>100m
- **Image acquisition:** Collect multiple images around the robot and transmit them to the control terminal in real time
- **Lighting:** LED high-intensity lighting
- **Control terminal:** Wireless remote control configuration, the remote control terminal has image reception and display, control data acquisition and wireless output, front-end status data information echo function
- **Spraying device:** With sprinkler head, water curtain spray cooling, can be self-cooling in fire scene or high temperature place to ensure the normal operation of the vehicle body
- **Optional functions:** gas detection, temperature and humidity detection

► TECHNICAL SPECIFICATION

CHASSIS CONFIGURATION PARAMETER

Overall dimensions	<2280×1600×1350mm	Engine	Imported
Weight	<2240kg	Self-protection	Self-cooling system
Obstacle cross height	500mm	Image collection	>4 ways
Height of chassis	250mm	Endurance	>10 hours
Climbing ability	Slope or stairs 40°	Cooling system	Maintenance-free water cooling system
Roll angle	40°	Control mode	Wireless control
RC distance	1000 m	Gas detection	12 types(optional)
Operation speed	0-12km/h	Infrared ranging	Yes
Chassis type	4wd ATV hydraulic rubber track chassis	Infrared temperature measurement	Yes

FIRE EXTINGUISHING SYSTEM PARAMETER

Rated pressure	1.0-1.6 Mpa	Spray range	100M
Rated flow	150L/s	Pitch angle return angle	-40°~+80°, >180°

AUXILIARY SYSTEM PARAMETER

Lighting	LED, Front x 4, rear x 2	Optional	Camera function, water hose automatically falls off
Traction	>15KN		

APPLICATION FIELDS

Suitable include but are not limited to highway (railway) tunnel fires, large-span and large-space plant fires, petrochemical oil depot and refinery fires. It can also be used for target detection, attack, and cover in large-scale toxic gas and smoke accidents.