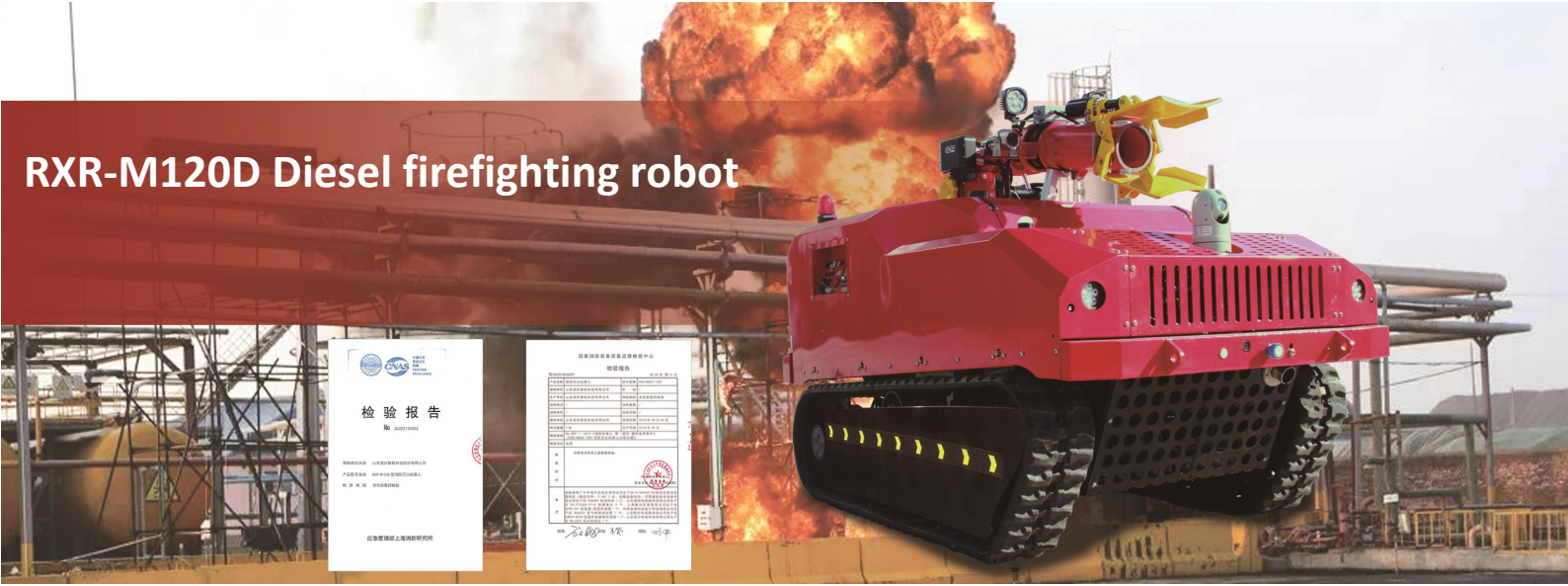


RXR-M120D Diesel firefighting robot



► 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 be connected to a high-pressure water hose and towed to a designated location
3. Equipped with wide crawler tracks, it can pass through all terrains and can rotate in place.
4. Moderate size, can pass through narrow doors and wall holes; can freely shuttle in stairs
5. Comprehensive functions, can be used for fire extinguishing and environmental reconnaissance
6. Can detect various gases in the on-site environment
7. Long remote control distance, remote control range 1000 meters

► PRODUCT FEATURE

- **Fire-fighting water cannon:** 120L/S flow rate, water/foam dual-purpose, range >90m
- **Image collection:** Collect multi-channel images around the robot and transmit them to the remote control terminal for the first time
- **Lighting:** LED strong lighting
- **Control terminal:** Wireless remote control configuration, the remote terminal has image reception and display, control data collection and wireless output, front-end status data information echo function
- **Sprinkler device:** equipped with sprinkler head and water curtain spray cooling, which can self-cooling in fire scenes or places with high temperatures to ensure the normal operation of the car body
- **Optional functions:** gas detection, temperature and humidity detection

➤ TECHNICAL SPECIFICATION

CHASSIS CONFIGURATION PARAMETER

Overall dimensions	<2400*1500*1900mm	Engine	Imported
Weight	<2100kg	Self-protective function	Water self-cooling
Walking speed	0-1.5m/s	Endurance	>10 hours
Max obstacle crossing	400mm	Cooling system	Maintenance-free water cooling system
RC distance	1000M open area	Control method	Wireless control
Climbing angle	70.3%	Gas collection	4 type of gas detect
Tilt stability angle	32°	Brake distance	<0.3M
Chassis type	ATV hydraulic rubber track chassis	Remote control	Hand held rc box

FIRE EXTINGUISHING SYSTEM PARAMETER

Rated pressure	1.0-1.6 Mpa	Spray range	90M
Rated flow	120L/s	Pitch angle return angle	-5°~+90°-160°~+160°

AUXILIARY SYSTEM PARAMETER

Lighting	LED, Front x 2, rear x 2	Optional	Troubleshooting function
Traction	>10KN		

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.