

RXR-YM150000D-AHHC

Two-wheel Drive Smoke Exhaust and Fire Fighting Robot

Diesel engine is used as the power source, and wireless remote control is used to control the equipment remotely. It can be used in various large petrochemical enterprises, tunnels, subways and other increasing oil and gas, toxic gas leakage and explosion, tunnel and subway collapse and other disaster hazards. In emergency rescue, fire fighting robots mainly replace firefighters in dangerous fires or thick smoke fire scenes for rescue assistance. This product has fire fighting, smoke exhaust, obstacle clearance, audio & video reconnaissance functions.

Widely applied in:

- Large-area fire fighting and rescue sites
- Petrochemical industry
- Large warehouses
- Small-scale forest fires
- Highway (railway) tunnels`



CHASSIS PARAMETERS	
Machine weight	3800kg
Overall dimensions (L* W*H)	2855*1830*2815mm
Driving speed	0-5km/h
Diesel tank capacity	100L
Hydraulic oil tank capacity	120L
Braking distance	≤0.3m
Climbing ability	30°
Side tilt stability angle	30°
Ground clearance	210mm
Obstacle crossing height	220mm
Video transmission distance	1000m
Engine power	106kW
Traction force	30kN
Load capacity	≥1500kg

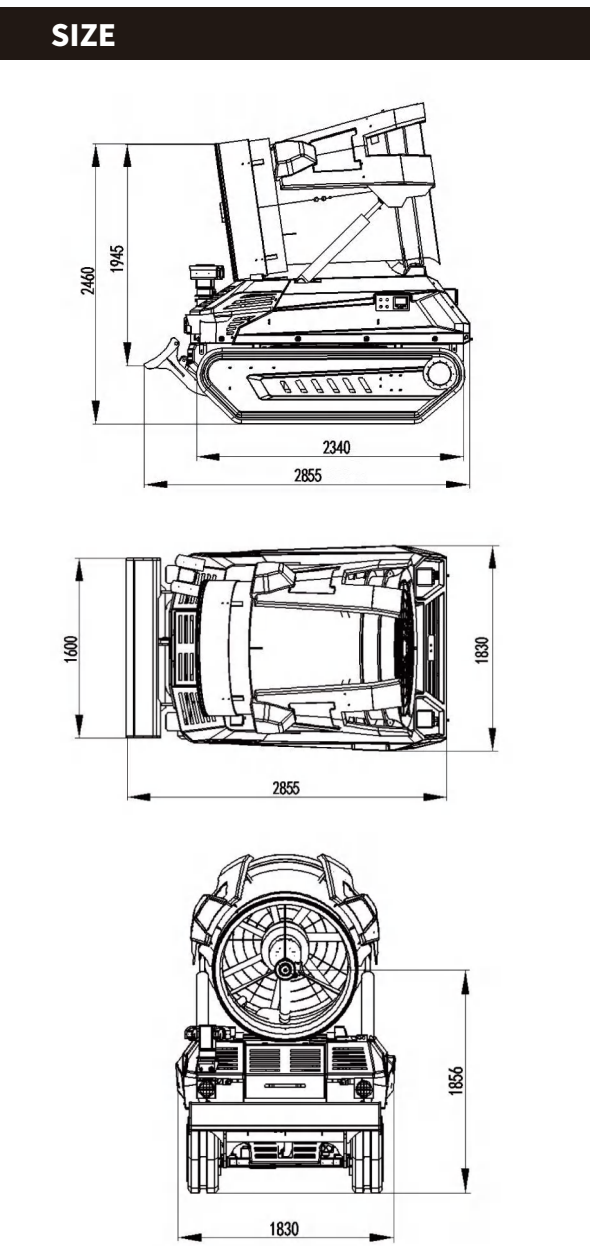
FAN PARAMETERS	
Smoke exhaust volume	≥150000m³/h
Range of water mist	60m
Pitch angle	-10°~65°
Flow rate of fine water mist	≥800L/min
Fan power	90kW

POWERFUL

It is powered by an imported engine and driven by all-terrain tracks. It can connect four high-pressure water hoses and drag them to the designated location.

HIGH WORK EFFICIENCY

The working pitch angle can be adjusted from -10° to 65°, with a long spraying distance and a large coverage area. The smoke exhaust volume reaches 150000 m³/h. The remote control range is more than 1000 meters.



COMPREHENSIVE

It has the functions of smoke exhaust, fire fighting and environmental detection. It can detect a variety of gases in the on-site environment, effectively ensuring the progress of rescue work and the safety of rescuers' lives.

EASY TO OPERATE

The wireless remote control is flexible to operate and lightweight. It can control all the actions of the whole machine and has strong resistance to electromagnetic interference.