

RXR-YM110000D-20 / Fire Fighting & Smoke-exhausting Robot

BASIC DATA

Color (Optional)	Dark Grey / Desert Yellow / Red / Blue / White
Dimension	L2600xW1650xH2350mm
Weight	3500kg
Crawler	All-terrain flame-resistant rubber crawler, embedded with metal structure
Power	Diesel Engine
Pulling Force	25000N
Load Capacity	600kg
Travelling Speed	1.4m/s
Crossing Height	320mm
Climbing Angle	30° (Slope / Stairs)
Turning Radius	Turning in place
Control Mode	Remote Control
Control Distance	1000m

SMOKE EXHAUSTOR

Rated Air Flow	110000 m ³ /h
Rated Water Mist Flow	480L/m
Depression Angle	-5°
Elevation Angle	+60°
Depression Speed	6.6°/s
Elevation Speed	2.8°/s
Height from Center to Ground	1910mm

WATER CANNON

Extinguisher Types	Water/Foam
Material	Body: 304 stainless steel, Head: hard aluminum alloy
Work Pressure	0.83MPa
Work Pressure Range	0.83MPa~1.60MPa
Spray Mode	Waterspout / Water mist, (Switchable during work)
Rated Water Flow	80L/s (Adjustable
Shoot Range	70m (@0.83MPa)
Rotation Angle	Vertically $-31^{\circ} \sim +90^{\circ}$ Horizontally $-90^{\circ} \sim +90^{\circ}$
Hose Connector & Size	DN80 x 4, 1 for smoke exhauster, 3 for water cannon; With 360° universal joints to prevent hoses from getting knotted