

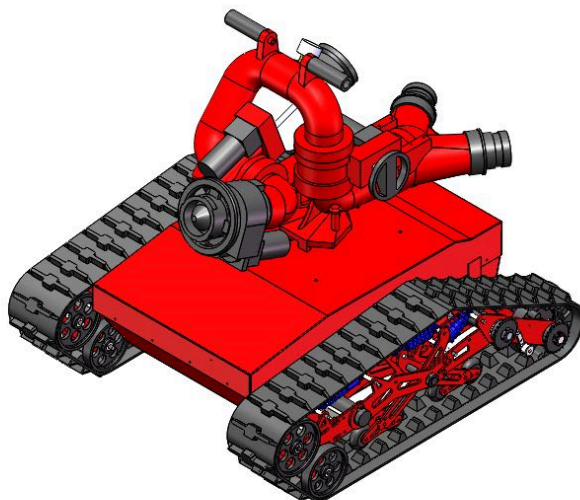


RXR-M50D-BJDG9000

# Crawler fire Fighting robot

## Instruction manual

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### Product description:

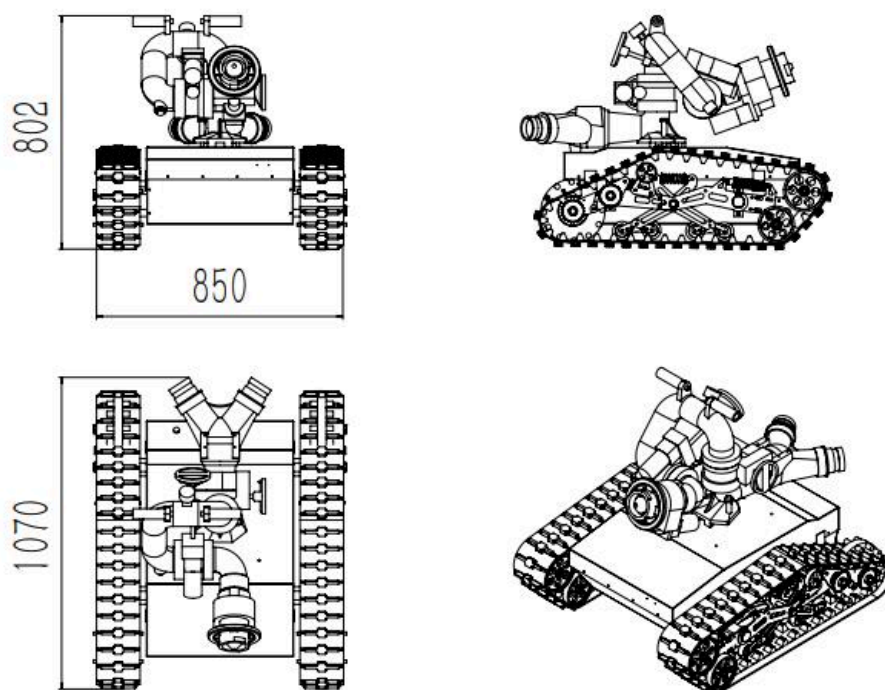
RXR-MC50D-BJDG9000 Fire Fighting Robot is a crawler-type all-terrain mobile fire fighting robot. It is suitable for petrochemicals, oil tank areas, large warehouses, small forest fires and fire fighting vehicles that are difficult to enter. High-risk places that can be burned and explosive, can be diluted with toxic gases, liquids, and on-site cooling; the chassis and vehicle equipment can be remotely operated remotely, and firefighters can carry out fire fighting and rescue in dangerous areas in safe areas. Indispensable equipment for the facility. The robot is driven by a high-density lithium battery, maintenance-free, and has a long cycle life. The intelligent fire-fighting remote-controlled water cannon is equipped with a spray foam mixture in addition to natural water. Fire-fighting robots are indispensable equipment for fire safety facilities.

### Product parameters:

Dimensions	980*840*1060mm (Chassis height 128mm)
Working temperature range	-20°C~60°C
Suspension system	Christie suspension
Running speed	0-1.4m/s
Minimum turning angle	360° turn in place
Rated power	1500W*2 (Brushless DC motor)
Rated torque	14.3NM
Power life	48V/60AH lithium battery, Battery life 1.2H

Overall weight	180kg
Maximum load	100kg
Maximum climbing	More than 35°(can climb stair)
Maximum obstacle	300mm (Span width is greater than 200mm)
Remote control distance	More than 300m
Rated flow	More than 50L/s
range	65±5m
Horizontal corner	Maximum 90°
Pitch angle	+30°~+70°
Spray angle	Maximum 90°
Jet water pressure	Not less than 1.0Mpa

**Schematic diagram of the whole vehicle:**



## Wireless remote control operation instructions:



First turn all the remote control toggle switches (SWA SWB SWC SWD) up.

Pull down the rocker of Figure 1 and push the switch of Figure

**5 to turn on the power.**

**After entering the remote control interface, release the rocker of Figure 1 and dial the toggle switch (SWC) in the middle of the figure.**

**4. The figure 2 rocker controls the movement direction of the chassis, controls the four directions, shakes the amplitude control speed**

**5. The figure 1 rocker controls the water cannon up and down, when the water cannon moves to the end, please go back and move in the opposite direction.**

**6. The figure 3 switch up and down control water cannon atomization mode.**

**7. The 4 switch (SWA) controls the sound and light alarm. When it is turned on, it enters the runaway mode and starts the sound and light alarm. The chassis movement speed doubles.**