

# RXR-Q200L-AHHC Flood Drainage Robot

It can be used for urban emergency rescue, especially for culvert drainage, urban waterlogging, underground garage water accumulation and other complex scenarios; for problems such as large water depth, long water accumulation time, and affecting vehicle traffic in urban waterlogging, as a remote water supply and water extraction module, it does not need a water extraction platform, and can be launched and floated on the water surface by itself; it can also be used as a transportation module to use towing trailers (land) and towing assault boats (water) to walk remotely, which is convenient to operate. The integrated design of the robot does not require external power. It can carry large-diameter water belt rewinding electric vehicles of more than 100 meters, quickly lay water belts, and save manpower and material resources.

### Widely applied in:

- Flood drainage, emergency rescue and disaster relief in urban garages
- Flood drainage and emergency rescue in reservoirs and ponds
- Flood drainage and rescue in subway stations
- Flood drainage and rescue in tunnel and culvert terrains
- As a water intake module for remote water supply
- Flood drainage on narrow urban roads



PARAMETER	
Machine weight	1080kg
Overall dimensions(L* W*H)	2152*1555*1562mm
Driving speed	0-10km/h
Driving speed in water	0-3km/h
Diesel fuel tank capacity	60L
Hydraulic oil tank capacity	80L
Remote control distance	≥500m
Side tilt stability angle	32°
Climbing angle	30°
Engine power	25kW
Ground clearance	150mm
Max. distance of the drainage belt	500m
Drainage flow rate	200L/s
Lift height	6-12m
Duration on water	5h
Winch traction force	4.8kN

DIVERSE FUNCTIONS	
● Water Supply:	It can supply water to fire trucks and also serve as a water intake module for remote water supply. There is no need for a water intake platform, and it can enter the water on its own. It has a large flow rate and a fast water supply speed.
● Flood Drainage:	It has a large drainage flow rate, can drain water over a long distance, is easy to operate, and can be quickly deployed in place.
● Strong Adaptability:	It has low requirements for water quality and can drain sewage containing small solid particles and other impurities.

AMPHIBIOUS CHASSIS	
It adopts a wheeled chassis, which is hydraulically driven. It is equipped with amphibious vacuum tires and can travel on all terrains. It can achieve independent driving, turn around in place, is maneuverable and flexible, can work both on land and in water, is not restricted by the water depth, and is suitable for driving on all terrains.	

REMOTE CONTROL START	
It enables remote control with the separation of humans and the machine. The status parameters are observable and controllable, and it is safe and reliable.	

SIZE	

REMOTE RELAY	
It has a long drainage distance and a long continuous working time. If the water supply distance is too long, a water supply and drainage robot can be used to provide additional power in the middle.	

HYDRAULIC INTERFACE	
It has multiple hydraulic power output interfaces and an ultra-high-pressure hydraulic oil source, and can be externally connected to demolition tools such as hydraulic circular saws.	