



SQRD-Robo Carrier

RCA-HD150

Industrial-grade tracked robot for navigating rough terrain in the construction site



Heavy-duties

- Design for rough terrain - muddy or boggy ground
- Ride up a slope up to 20°
- Pass over a threshold of 100 mm
- Maximum load 150 kg



Site-ready

Steer at a maximum speed of 0.25 m/s off-road where wheeled vehicles reach their limits, without installation



Easy to Use

Controlled by simple joystick, no training is required



Flexible

Design for a wide range of tasks - from handling construction materials to increasing the mobility to equipment

710mm wide, capable of navigating in tight spaces that pick-up trucks cannot access



Enhance Safety Level

Carry heavy loads for worker, to prevent worker from being injured by manual handling

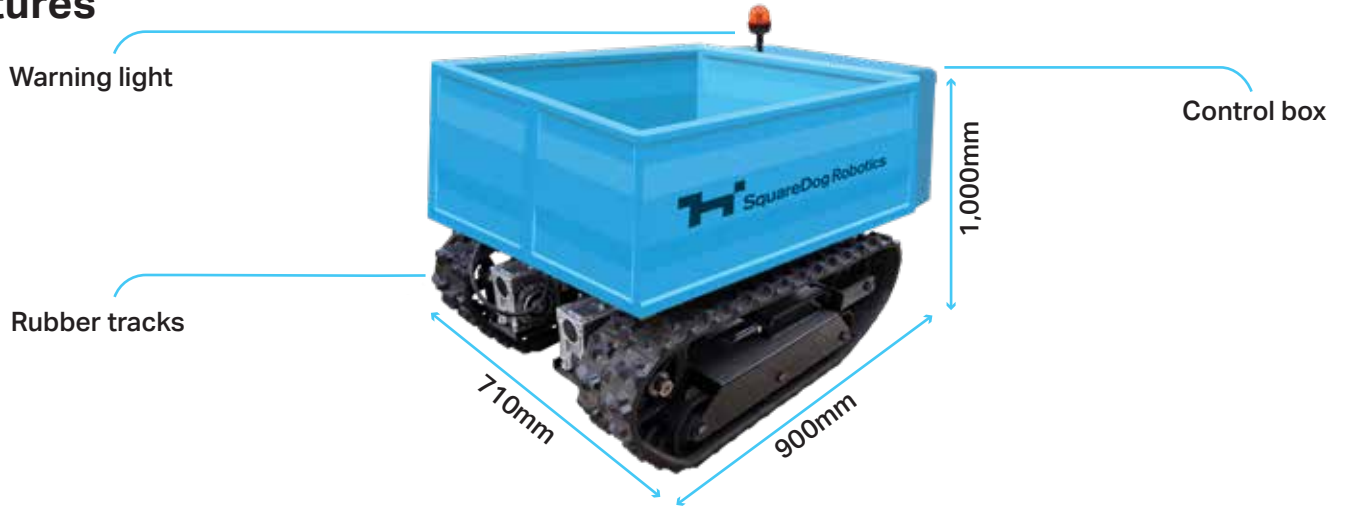
With built-in brakes, unlike trolley which may slip on slope



Remote Controlled

Equip with wired remote control connected with a 2m cable

Features



Example of Material to be Transported



Construction materials

Portable power tools

Water pump



Generator

Welding machine

Tools

Specification

Size	900L x 710W x 1000H mm
Weight	183 kg
Maximum load	150 kg
Rated power	660 W x 2
Rated voltage	DC 48 V
Rated current	9 A
Battery	48 V 40 AH Lithium battery
Operation time	>4 hours (Continuous operation)
Maximum obstacle crossing	100 mm
Maximum speed	0.25 m/s
Maximum climbing	20°
Track	150 mm wide rubber tracks
Motor	DC brushless motor
Main body material	Mild steel with coating

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