



ROBOLOAD

ROBOLOAD is a compact remote control material handler for use in hazardous and restricted access areas such as culverts, mines and demolition sites.

Boasting a 150m working range, it boosts safety by removing operators from the danger zone while enabling precise fingertip control of all key manoeuvres and operations.



REMOTE CONTROL

ROBOLOAD features an easy-to-master control system with precise proportional controls and a working range of up to 150m.



HIGH LOADING CAPACITY

ROBOLOAD is equipped with a large loading bucket which can carry up to 300kg and raise to a maximum height of 1.0m. The machine is fitted with four powerful hydraulic rams, integrated rear ballast weights as standard, and features the best in self-levelling parallelogram geometry.

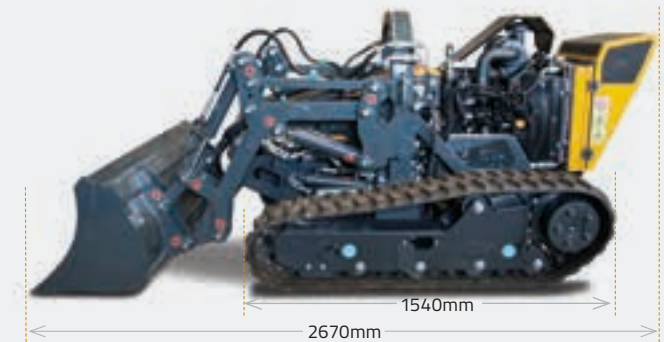


EASY-FIT BRACKET

A click-on, click-off bracket ensures the loader bucket can be safely mounted or removed in seconds. The entire loader can be demounted quickly, transforming the machine into a ROBOCUT and enabling compatibility with McConnell's full range of attachments.

**DELIVERS
OUTSTANDING
LOADING
CAPABILITIES**



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SPECIFICATION

ENGINE

Make	Isuzu, naturally aspirated, 3 Cylinder	1642 cc
HP	40hp (29kw)	3000 max rpm
Torque	104 Nm	
Fuel	Diesel	
Fuel Tank Capacity	21 litres	
Fuel Consumption (maximum)	6.5 l/h	Dependent on work load
Water-cooled Radiator	Standard	
Self Cleaning (Reversible Fan)	Standard	
Transmission	Hydrostatic	
Maximum Noise Levels	105 dB(A)	Acoustic power level = dB(A) LwA

HYDRAULICS

Independent Flailhead Circuit	Closed circuit piston hydraulic system	max 57 l/min at 3000 rpm
Independent Track Drive Circuit	2 x Closed circuit hydraulic piston pumps	
Aux Service	1 Double acting auxiliary service for additional service	5 l/min a 180 bar, double acting
Independent Intercooler	Standard	
Oil Tank Capacity	16 litres (30 litres held in system)	Biodegradable Oil
Attachment Lift Capacity	320kg	

TRACKS

Rubber	Standard	Max working angle 50 degrees
Rubber with Spikes	Optional	Max working angle 55 degrees
Self Tightening	Standard	
Length (Axle to Axle)	1192mm	

REMOTE CONTROLS

Working Range	150m	
Frequency	863 - 870 MHz (Certified by CE legislation)	
Battery	Interchangeable, Rechargeable	Two with each unit
Proportional Joysticks	Standard	

PERFORMANCE

Potentiometer Speed Control (0 to 100%)	1st Gear (Low range) Forward and Back	0 - 3,5 km/h
	2nd Gear (High range) Forward and Back	0 - 7 km/h

DIMENSIONS

Overall Width	1420mm
Overall Length (with attachment)	2670mm
Overall Height	1150mm

WEIGHT

ROBOCUT	1040kg
Loader	TBC

Roboload with parallel lift capability



To see the range of ROBOLOAD
accessories go to **page 60**

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