

ROBOCUT

Far more than just an all-terrain mowing machine, ROBOCUT comes with a choice of seventeen new attachments, transforming it into a remote control work platform that boosts safety, productivity and efficiency.

Advanced features include: the ability to mount a wide range of attachments from a stump grinder to a snow blower; heavy duty forestry mulcher with hydraulic front hood; a high-spec multi-function control system; and a clean-fix radiator fan.

ROBOCUT's fuel-efficient 40hp diesel engine gives operators the power to tackle the toughest tasks; is up to 25 times more effective than manual cutting, and uses less fuel than a three-man strimmer team.



REMOTE CONTROL

An advanced multi function controller that offers precise proportional control and a working range of 150m.

MORE THAN JUST A MOWER



UNRIVALLED FUNCTIONALITY

ROBOCUT comes with a comprehensive range of attachments that allows customers to perform a wealth of different tasks - helping operators make the most of the machine's all-terrain remote control capabilities.



CLEAN-FIX RADIATOR MATRIX

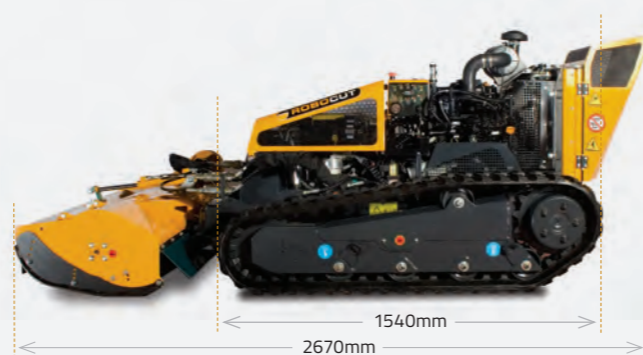
A dual-direction quick-clear fan clears the vents and radiator - protecting the machine from overheating and maximising performance.





ROBOCUT SPECIFICATION

ROBOCUT



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	Heavy duty build
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 at 180 bar, double acting
Independent Intercooler	Standard	
Oil Tank Capacity	16 litres (30 litres held in system)	Biodegradable Oil
Attachment Lift Capacity	320kg	

FLAILHEAD/ATTACHMENT

Oil Flow	50 l/min	
Pressure	320 bar	
Rotor Speed	3000 rpm	
Front and Rear Flaps	Standard	
Flails	Y - Flails	For cutting grass and light wood up to 30mm Diameter
	J (hammer) - Flails	For cutting thick grass and wood up to 50mm Diameter
Roller Width	1.3m	
Roller Diameter	100mm	
Cutting Height Range (via roller adjustment)	20mm, 60mm, 85mm	Flailhead can be lifted to cut higher
Hydraulic Lift	-300mm to +400mm	
Floatation (angle)	14° up and down (+/-)	
Cutting Width	1.3m	
Cutting Capacity	30mm	

TRACKS

Rudder	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
Flailhead	170kg

ROBOCUT ATTACHMENTS

McConnel's exciting range of attachments makes it easy to transform ROBOCUT into a truly multi-functional machine – bringing all the benefits of remote-control all-terrain technology to a wide range of new jobs.

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ROBO-FLAILHEAD 1300

PART NO: 4000950 (GRASS 'Y' FLAILS)
PART NO: 4000951 (HAMMER FLAILS)

A high-performance 1.3m flailhead that comes with a choice of hammer and back-to-back grass 'Y' flails, the attachment is driven by a 3,000rpm energy-efficient spiral rotor and can tackle everything from grass to gorse.

Technical specification

- 1.3m cutting width
- Choice of grass cutting flails or hammer flails
- Full width rear roller
- 30mm cutting capacity
- 20-85mm cutting height
- +/- 14 degree head angling and floatation
- 3000 rpm rotor speed
- 170kg weight



ROBO-MULCHER

PART NO: 4000964

Ultra heavy-duty 1.25m forestry head that's ideal for tackling everything from heavy overgrowth to small saplings.

Technical specification

- 1.25m cutting width
- 22 ultra heavy duty hammer flails
- Unique high-performance rotor allows flails to swing through 360 degrees
- Hydraulic front hood
- Reinforced steel push bar
- 100mm cutting capacity
- 3000 rpm rotor speed
- +/- 14 degree head angling and floatation
- 315kg weight



ROBO-FOREST

PART NO: 4000968

A high-performance 1.25m fixed-tooth forestry flailhead that has the power to tackle everything from overgrowth to small trees.

Technical specification

- 1.25m cutting width
- 50 hard-wearing tungsten carbide fixed teeth
- Hydraulic front hood
- Reinforced steel push bar
- 100mm cutting capacity
- 3000 rpm rotor speed
- +/- 14 degree head angling and floatation
- 355kg weight



ROBO-ROTARY TURF MOWER

PART NO: 4000954

A high-performance 1.5m rotary mower. Hydraulically driven with a heavy-duty belt drive and rear discharge, the machine's three rotors propel six cutting blades at 2,200 rpm – delivering a fine cut finish perfect for the horticultural, landscaping and amenities sectors.

Technical specification

- 1.5m cutting width
- Three rotors and six cutting blades
- Rear discharge of debris
- Robust steel construction
- 2200 rpm rotor speed
- +/- 14 degree head angling and floatation
- 280kg weight



ROBO-CUTTERBAR MD

PART NO: 4000957

A light and manoeuvrable 1.8m Cutterbar that's ideal for maintaining grass and reeds where a close cut finish is vital.

Technical specification

- 1.8m cutting width
- 40 hard-wearing tungsten carbide teeth
- 20-80mm cutting height
- +/- 14 degree head angling and floatation
- Smooth cutting action
- Reinforced skids



ROBO-CUTTERBAR HD

PART NO: 4000970

Heavy duty 1.75m cutterbar designed to tackle thick vegetation with ease, leaving behind a close-cut finish.

Technical specification

- 1.75m cutting width
- 40 Heavy-Duty tungsten carbide teeth
- 20-100mm cutting height
- +/- 14 degree head angling and floatation
- Durable side panels
- Heavy duty frame



ROBO-RAKE

PART NO: 4000956

A mobile and manoeuvrable rake attachment designed to thrive in steep sided terrain, ROBO-rake is ideal for removing cut grass from river banks.

Technical specification

- 1.45m working width
- 40 rotating 250mm steel tines
- +/- 14 degree head angling and floatation
- Powerful dual belt drive
- Manoeuvrable 'zero-turn' wheels
- Height adjustable



ROBO-STUMP GRINDER

PART NO: 4000958

A robust stump-grinder featuring a high-speed cutting wheel armed with heavy duty tungsten teeth. The machine can handle tree and bush roots and is ideal for dealing with unwanted stumps in previously inaccessible areas.

Technical specification

- 12 hard-wearing tungsten carbide teeth
- High-performance 1800rpm rotor
- 370mm cutting wheel diameter (inc teeth)
- Automatic head oscillation
- Reinforced steel protective hood cover
- Protective skirt
- 92kg weight



ROBO-CHIPPER

PART NO: 4000962

Driven by a powerful hydraulic motor, the ROBO-Chipper attachment makes light work of vegetation clearance and is capable of mulching small branches up to 90mm diameter.

Technical specification

- 90mm cutting capacity
- Powerful motor
- Safety disengagement bar
- Adjustable rotating discharge chute
- Wide inlet chute for easy feeding of material
- 2 blades and 8 hammers
- Folding for ease of travel
- 215kg weight



ROBO-TRENCHER

PART NO: 4000961

Ideal for laying pipes or cables, the Trencher will enable operators to dig narrow channels with minimal damage to the ground.

Technical specification

- Choice of standard and heavy-duty tungsten carbide teeth
- Digs to a depth of 0.9m and a width of 120mm
- Adjustable boom angle controls the depth of the trench
- Reinforced steel safety guard
- Powerful hydraulic motor



ROBO-BLADE

PART NO: 4000953

The Universal Blade is equally at home clearing snow or grading soil. It features a hydraulically adjustable blade angle and a replaceable steel blade face.

Technical specification

- 1.7m working width
- Hydraulically adjustable blade angle
- Choice of standard plastic blade or optional steel blade (4000295 steel blade)
- 0.6m blade height
- +/- 20 degree blade oscillation
- +/- 14 degree head angling and floatation
- Replaceable blade edge
- 170kg weight (steel model)
- 95kg weight (Plastic model)



ROBO-SNOW BLOWER

PART NO: 4000952

Armed with a high-velocity ejection unit, the Snow Blower provides a safe and effective solution when clearing roads and paths in hard-to-reach and potentially dangerous locations.

Technical specification

- 1.3m working width
- High-performance 520rpm rotor
- Full rotation chimney
- Powerful full-length cutting ring
- Hydraulic deflector from 0-45 degrees
- Protective throwing guards
- 290kg weight



ROBO-BRUSH

PART NO: 4000955

Robo-Brush helps operators clear up debris quickly and easily. With a working width of 1.5m, it's fast and effective in even the most challenging terrain.

Technical specification

- 1.5m working width
- Hydraulically adjustable sweeping angle
- Powerful 400rpm rotor
- +/- 14 degree head angling and floatation
- Hard-wearing brush
- Simple height adjustment via swivel wheels
- 190kg weight



ROBO-AIR BLAST SPRAYER

PART NO: 4000963

The Air Blast Sprayer has been designed to protect crops in orchards and vineyards. Powered by a 16kw motor, the machine features a 600mm high-performance fan and a 215-litre tank.

Technical specification

- 600mm high-performance fan
- 215-litre tank
- Ideal for orchards, polytunnels, nurseries and vineyards
- Robust construction
- Highly manoeuvrable



ROBO-FORK

PART NO: TBC

Perfect for moving materials in the most challenging environments, the fork attachment enables safe and effective transportation of everything from construction materials to sand bags for flood defence

Technical specification

- Adjustable working width
- 300kg lifting capacity
- 40cm lift height
- Low maintenance
- Easy to use



ROBO-TOE-TIP BUCKET

PART NO: 4000965

The Toe-Tip Bucket attachment enables safe working in a range of restricted access and hazardous environments. Rugged and reliable, the new attachment is ideal for construction, demolition and military installations.

Technical specification

- 1.3m working width
- Heavy-duty build
- 516kg lifting capacity (HD model)
- 452kg lifting capacity (SD model)
- Ideal for work in quarries, culverts and construction sites



ROBO-LOADER AND BUCKET

PART NO: 4000966

Available as an attachment or as a designated machine, ROBOLOAD features self levelling parallelogram arm geometry, heavy-duty build quality and is designed to thrive in potentially hazardous sites such as quarries, culverts, and mines.

Technical specification

- 1.3m working width
- 1.0m maximum lifting height
- 300kg lifting capacity
- Powerful hydraulic rams
- Self levelling parallelogram geometry
- Recommended with ROBO-WEIGHT BLOCK (4000967)

