



AGBOT RINO

Robotic Intelligent Navigational Operator

SPECIFICATION

AGBOT RINO - Robotic Intelligent Navigational Operator

ENGINE

Make	KOHLER KSD 1403tc
HP	25.7hp (18.9kw) @ 3000rpm
Torque	105Nm
Fuel	Diesel
Fuel tank capacity	24 litres
Water-cooled radiator	3 core heavy duty
Self-cleaning (reversible fan)	Optional
Transmission	Fine control hydrostatic
Maximum noise levels	80dB(A)

HYDRAULICS

Independent flailhead circuit	Closed circuit piston Max 55 l/min @ 280Bar
Independent track drive circuit	2 x closed circuit pistons Max 57 l/min (Total) @ 250Bar
Aux service	2 double acting auxiliary service, non proportional 12 l/min @ 190Bar
Independent intercooler	Standard
Oil tank capacity	12 litres
Attachment lift capacity	500kg

TRACKS

Standard rubber tracks	Compatible ~ max working angle 40°
Super rubber tracks	Standard ~ max working angle 55°
Studded tracks (with optional spike)	Optional ~ max working angle 55°
Self-tightening	Standard
Length (axle to axle)	1422mm

REMOTE CONTROLS

Working range	150m
Frequency	458Hz
Battery	Interchangeable, rechargeable, two with each unit charge on machine
Proportional joysticks	Standard

DIMENSIONS

Overall width	11036mm
Overall length (without attachment)	1754mm
Overall height	1120mm

WEIGHT

ROBOCUT	750kg
Flailhead / Attachment	Depends on size / type

PERFORMANCE

Potentiometer speed control (0 to 100%)	1st gear (low range) Forward and back 0 - 4 km/h
	2nd gear (low range) Forward and back 0 - 7 km/h

FLAILHEAD / ATTACHMENT

Oil flow	55 l/min
Pressure	280 bar
Rotor speed	2500 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
Rotor width	1.3 to 1.6m
Roller diameter	100mm
Cutting height range (via roller adjustment)	20mm - 85mm (5 position mechanical slotted float) Flailhead can be lifted to cut higher
Hydraulic lift	-300mm to +400mm
Floatation (angle)	14° up and down (+/-)

Please Note:

Due to continual product development, the information in this brochure is subject to change at any time.