

ATTACHMENT

REMOTE CONTROLLED PRODUCTIVITY

BL1/RCU55

Forestry mulcher with Bite Limiter technology

High productivity and durability are key features of the BL1/RCU55 forestry mulcher with Bite Limiter rotor, which can mulch vegetation up to 12 cm in diameter.



SCL/RCU55

Stump cutters for the RCU55 remote controlled tracked carrier

The SCL/RCU55 can shred large stumps and roots up to 45 cm deep. Lateral oscillation with proportional hydraulic control makes it possible to work on a large area without moving the vehicle.



PML/RCU55

Flail mulcher with swinging hammer rotor for RCU55

The PML/RCU55 is a high-efficiency forestry mulcher for vegetation and small shrubs up to 5 cm in diameter.

MODEL	BL1/RCU55-125	SCL/RCU55	PML/RCU55-150
Head type	Mulcher	Stump cutter	Mulcher
Working width (mm)	1240	850	1496
Total width (mm)	1490	1120	1724
Weight (Kg)	480	330	421
Rotor diameter (mm)	310	570	360
Max shredding diameter (mm)	120	350	50
Disc rotor width (mm)	-	107	-
Max. working depth (mm)	-	450	-
No. blades type BL/MINI	24	-	-
No. teeth type C/3/MINI	24	-	-
No. teeth type L/1+L/2	-	15+15	-
No. hammers type PML	-	-	24
No. flais type Y/2	-	-	24

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ROTOR TYPE BL1/RCU55



BLADE BL/MINI (standard) TOOTH C/3/MINI (option)

ROTOR TYPE SCL/RCU55



TOOTH L/1 (standard) TOOTH L/2 (standard)

ROTOR TYPE PML/RCU55



HAMMER PML (standard) FLAIL Y/2 (option)

01 Robust

Structural steel frame.
Integrated and protected components.

02 Agile

Works on sloping terrain up to 55°.
Full counter-rotating.

03 Bite Limiter

Available on the BL1/RCU55 forestry mulcher with Bite Limiter technology.

04 High-tech

Integrated system of electronic control units and sensors for maximum performance at all times.

05 Professional

The result of FAE's experience designing PT and Demining tracked carriers.



LAND CLEARING
RCU55

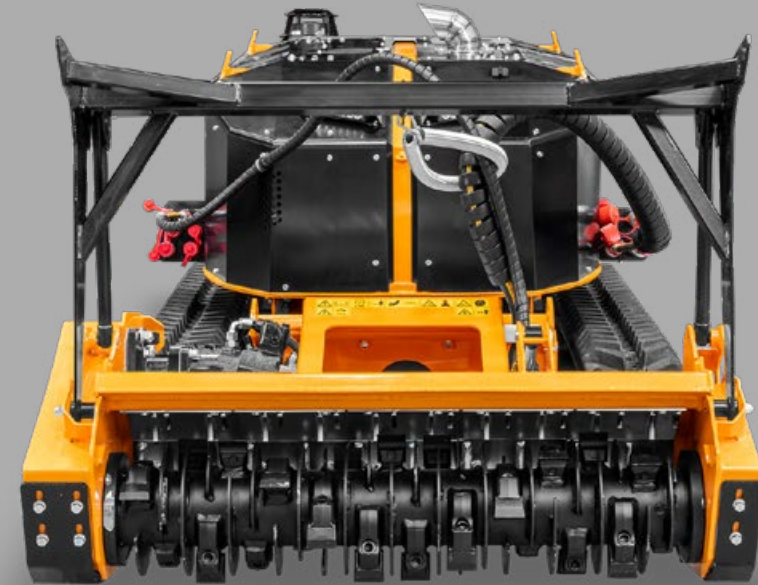


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REMOTE CONTROLLED TRACKED CARRIERS

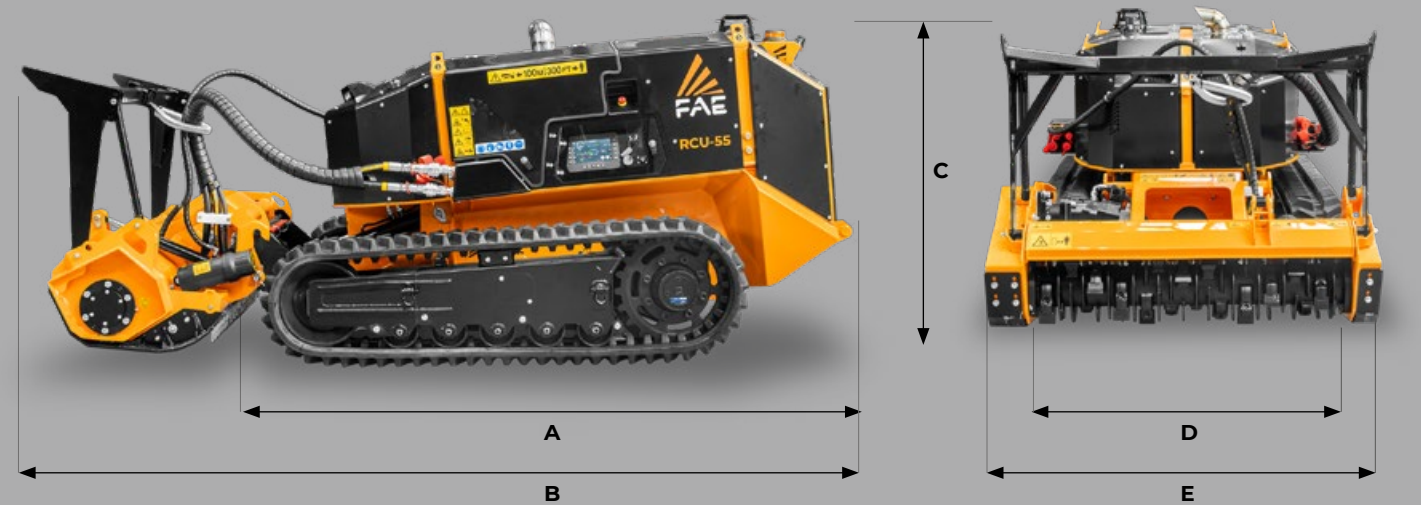
RCU55

Working in hard-to-reach areas or steeply sloping terrain requires special equipment that ensures user safety and operating efficiency. The RCU55 is a compact, remote controlled tracked carrier that is the result of merging FAE's extensive experience in designing tracked carriers for the PT series and remote-control systems for the vehicles in our Deming line. The RCU55 is designed for green area's maintenance work both in the forestry and road sectors. Its versatility makes it well suited for working in hilly and wooded areas, near railroad tracks, power lines, gas and oil pipelines, gardens, and near roads, highways, canals, rivers and lakes.



APPLICATIONS:
 Forestry maintenance
 Plantation and crop maintenance
 Canals, rivers, ponds overgrowth cleanup
 Power lines, oil & gas, R.O.W. maintenance
 Roadside and railway vegetation maintenance

DIMENSION



A Overall length without attachment 2346 mm
B Transport length with BL1/RCU55 attachment on ground 3260 mm

C Max height 1450 mm
D Overall track width 1450 - 1750 mm
E See attachments table

COMPACT, REMOTE CONTROLLED TRACKED CARRIER FOR FORESTRY, AGRICULTURAL AND MUNICIPAL WORK

RCU55

The RCU55 is a compact FAE tracked carrier that shreds branches and wood pieces, grass, and small shrubs. It can also cut stumps when outfitted with an SCL/RCU55 head. It is equipped with a 56-hp Kohler engine. The RCU55 can work on steep slopes up to 55°. The heavy-duty undercarriage features a hydraulic

variable track system with independent undercarriage frames for maximum stability on steep terrain. The high-profile rubber or steel tracks combined with the undercarriage's multiple roller system provide unbeatable traction. The dual hydrostatic transmission makes it easier to manage traction and the attachment.

FAE APP

With the FAE App, you can monitor the main operating parameters, check for any malfunctions, and manage scheduled maintenance in real time from your smartphone.

EFFICIENT AND RELIABLE TRANSMISSION

Electronically controlled piston pumps combined with a dedicated electronic control unit provide an integrated technological system. The result is high performance and long-term reliability, as well as simple and intuitive operation.

HEAVY DUTY UNDERCARRIAGE

Hydraulic variable track system with independent undercarriage frames and an automatic tensioning system built to work in the toughest conditions, thanks to a rubber or steel tracks structure, multiple roller system and idlers.



STEEL TRACKS
(option)

STANDARD EQUIPMENT

KOHLER KDI 1903 turbocharged and after-cooled engine	High-profile rubber tracks and roller system
DOC after-treatment system (RCU55 - Tier 4F) DOC/DPF after-treatment system (RCU55 - Stage V)	Combined aluminum cooler with anti-clogging fins
Hydrostatic transmission	Proportional and reversible fan system with hydraulic control
Hydrostatic transmission attachments	Ergonomic joysticks
Auxiliary hydraulic circuit for attachments	4.3" LCD color display on remote control unit
Load Control System	Double remote control battery and on-board battery charger
Floating System	7" LCD on-board color display
Independent hydraulic variable track gauge system	LED working lights

OPTIONS

Rear winch with 2-t traction force	Undercarriage with steel tracks
Bio-oil	Quick-mount tilting attachment plate
Quick-mount fixed SAE attachment plate	Quick-mount fixed neutral attachment plate



PROFESSIONAL REMOTE CONTROL

The ergonomic remote control with a large 4.3" display makes it easy to manage all vehicle and attachment functions. Customizable function keys. 2.4 GHz transmission frequency.



SELF-CLEANING RADIATOR

The aluminum radiator combined with anti-clogging fins is paired with a proportional and reversible fan to keep the radiator clean and efficient at all times, consistently maintaining peak performance and reducing the need for upkeep.



TECHNICAL DATA

RCU55 - Tier 4F / RCU55 - Stage V

Engine Gross Power	56 hp
Engine Emission	U.S. EPA Tier 4 Final - EU Stage V
Closed Loop	Max Flow 75 L/min - Max Pressure 290 bar
Open Loop	AUX 1 Max Flow 17 L/min - Max Pressure 210 bar
	AUX 2 Max Flow 17 L/min - Max Pressure 210 bar
	AUX 3 Max Flow 27 L/min - Max Pressure 210 bar
Lifting capacity	Max 600 Kg @ center of gravity position: Height 350 mm from the ground level / Length 400 mm from the attachment plate / Width on RCU central axis
Hydraulic Oil Tank Capacity	41 L
Fuel Tank Capacity	42 L
Rubber Track	72 Pitch - 250 mm width - High profile
Lower Rollers	5 + 5 HD style - Double flange
Front Idler / Tensioning Group	Double flange - Automatic tensioning system
Voltage	12 volt
Max forward speed	8 Km/h
Max reverse speed	8 Km/h
Gradeability	55° - All directions
Operating weight	2220 Kg (std equipment, std rubber track)
Ground Pressure	0,33 Kg/cm ² (std equipment / std rubber track / BL1/RCU55-125)

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