

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.



PMM/RCU55

Flail mulcher with swinging hammer rotor for RCU55

The PMM/RCU55 is a high-efficiency forestry mulcher for vegetation and small shrubs up to 6 cm in diameter.

MODEL	BL1/RCU55-125	SCL/RCU55	PMM/RCU55-150
Head type	Mulcher	Stump cutter	Mulcher
Working width (mm)	1240	850	1540
Total width (mm)	1490	1120	1726
Weight (Kg)	585	330	535
Rotor diameter (mm)	310	570	440
Max shredding diameter (mm)	120	350	60
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 PMM	-	-	18
No. flais type Y/3	-	-	18

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ROTOR TYPE BL1/RCU55



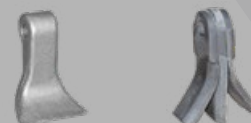
BLADE BL/MINI (standard)
TOOTH C/3/MINI (option)

ROTOR TYPE SCL/RCU55



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

ROTOR TYPE PMM/RCU55



HAMMER PMM (standard)
FLAIL Y/3 (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

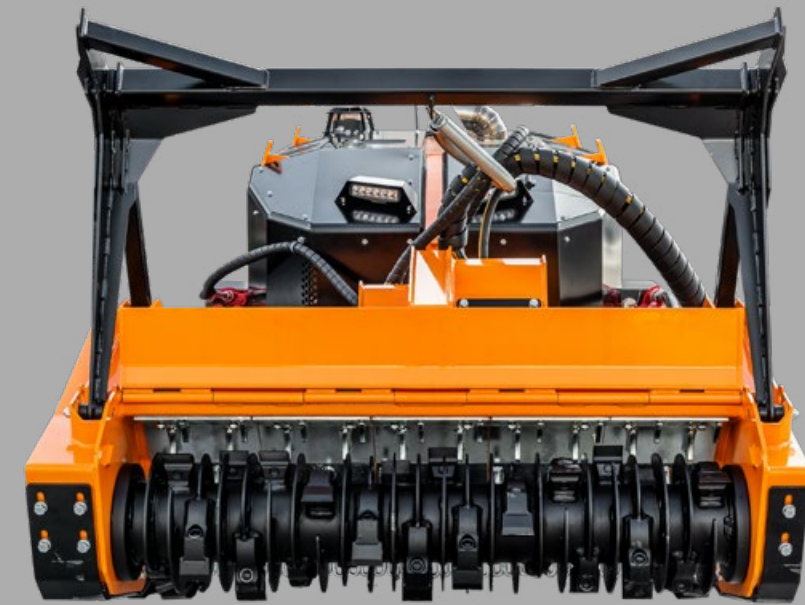


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REMOTE CONTROLLED TRACKED CARRIERS

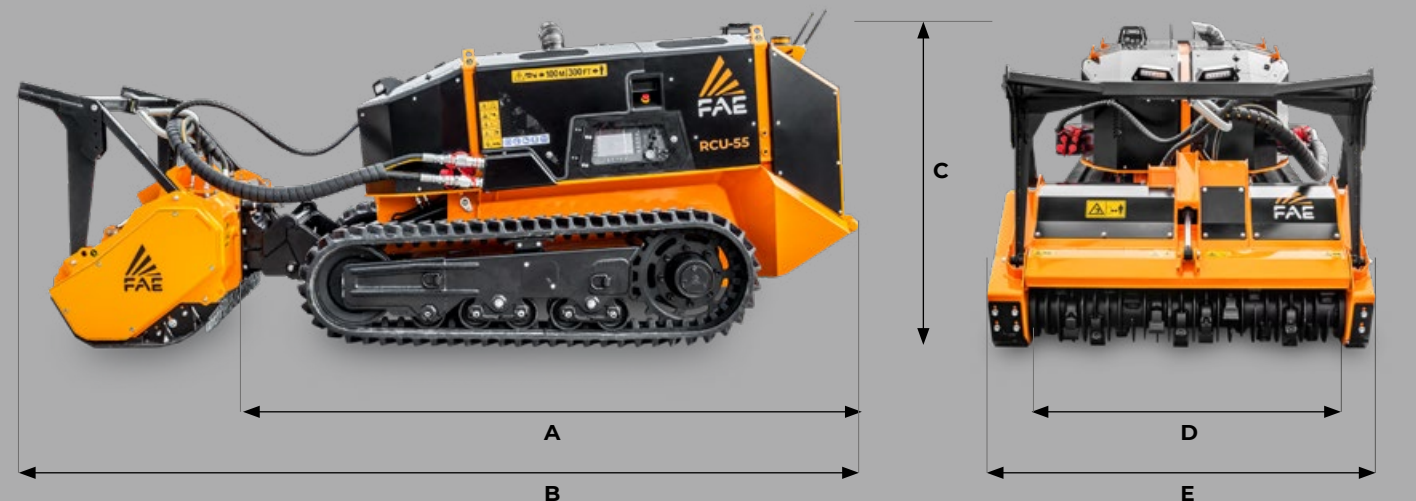
RCU55

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 Demining 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 2556 mm
B Transport length with BL1/RCU55 attachment on ground 3605 mm
C Max height 1448 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.

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.



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.

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.



STANDARD EQUIPMENT

Engine KOHLER KDI 1903 turbocharged and after-cooled	High-profile rubber tracks and roller system
After-treatment system DOC (RCU55 TIER 4F) After-treatment system DOC/DPF (RCU55 STAGE V)	Combined aluminum cooler anti-clogging fins style
Hydrostatic tracks transmission	Proportional and reversible fan system with hydraulic control
Hydrostatic attachments transmission	Ergonomic joysticks controls
Auxiliary hydraulic circuit for attachments	LCD color 3.5" display on remote control unit
Load Control function	Double remote-control batteries and on board battery charger
Tilting attachment plate with quick coupling	LCD color 7" display on board
Independent hydraulic variable track system	LED working lights
Floating function	
OPTIONS	
Rear recovery winch with 2 t pulling power	Undercarriage with steel tracks
Bio-oil	

 56 hp



TECHNICAL DATA

TIER 4 FINAL / 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	2400 Kg (std equipment, std rubber track)
Ground Pressure	0,37 Kg/cm ² (std equipment / std rubber track / BL1/RCU55-125)

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