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 5" in diameter.





SCL/RCU55

Stump cutters for the RCU55 remote controlled tracked carrier.

The SCL/RCU55 can shred large stumps and roots up to 18 inches 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 2 inches in diameter.



MODEL	BL1/RCU55-125	SCL/RCU55	PML/RCU55-150
Head type	Mulcher	Stump cutter	Mulcher
Working width (in)	49	33	59
Total width (in)	59	44	68
Weight (lbs)	1290	728	1179
Rotor diameter (in)	12	22.4	14.2
Disc rotor width (in)	-	4.2	-
Max shredding diameter (in)	5	14	2
Max working depth (in)	-	18	-
No. blades type BL/MINI	24	-	-
No. teeth type C/3/MINI	24	-	-
No. hammers type PML	-	-	24
No. flails type Y/2	-	-	24
No. teeth type L/1+L/2	-	15+15	-

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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

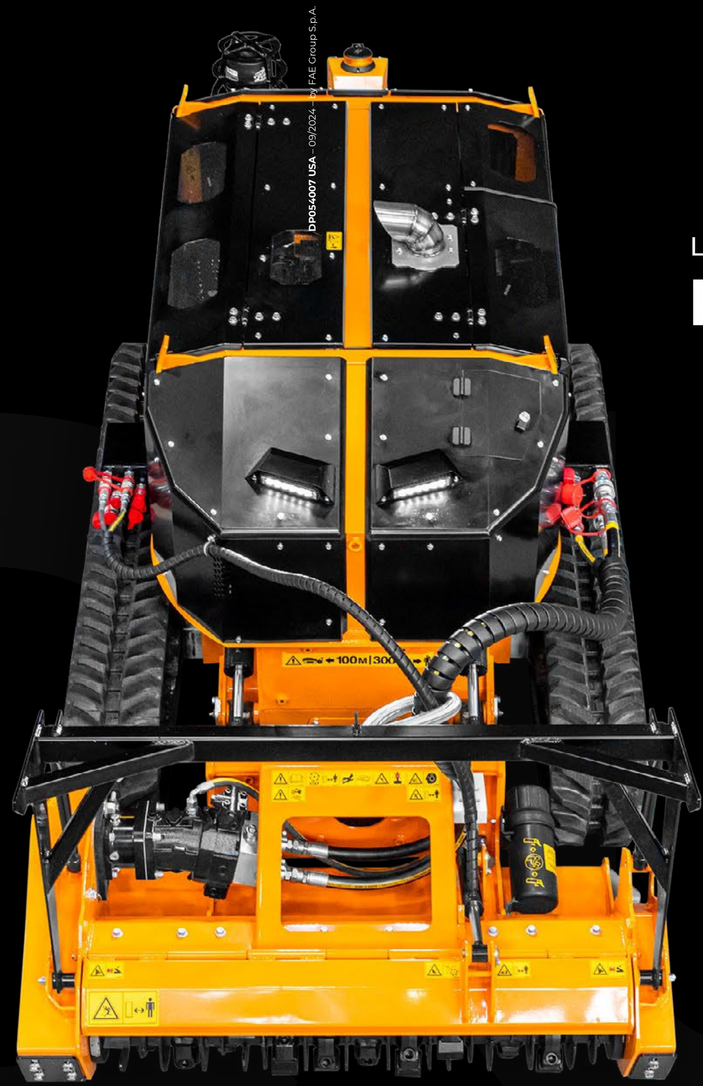
Available on the BL1/RCU55 forestry mulcher with Bite Limiter technology.

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.



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FAE
MAKE THE DIFFERENCE

LAND CLEARING

RCU55

fae-group.com

REMOTE CONTROLLED TRACKED CARRIERS

USA

RCU55

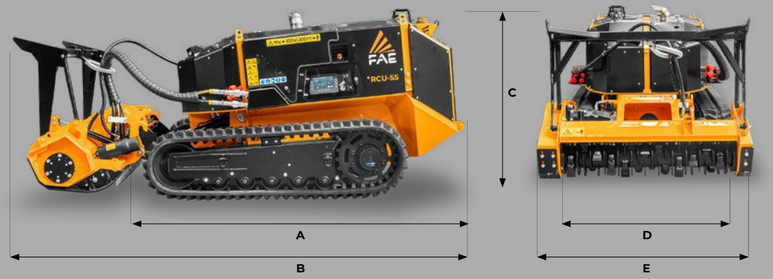
Working in hard-to-reach areas or steeply sloping terrain requires special equipment that ensures user safety and operating efficiency. The RCU55 is a compact, remote controlled tracked carrier that is the result of merging FAE's extensive experience in designing tracked carriers for the PT series and 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 lenght without attachment 92 in
B Transport lenght with BL1/RCU55 attachment on ground 128 in

C Max height 57 in
D Overall track width 57 - 69 in
E See attachements 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 cuts 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 tracks structure, 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)	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

56 hp



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
Engine Gross Power		56 hp
Engine Emission		U.S. EPA Tier 4 Final
Closed Loop		Max Flow 20 gpm - Max Pressure 4210 psi
Open Loop	AUX 1	Max Flow 4.5 gpm - Max Pressure 3045 psi
	AUX 2	Max Flow 4.5 gpm - Max Pressure 3045 psi
	AUX 3	Max Flow 7 gpm - Max Pressure 3045 psi
Lifting capacity		Max 1320 lbs @ center of gravity position: Height 13.8 in from the ground level / Length 15.7 in from the attachment plate / Width on RCU central axis
Hydraulic Oil Tank Capacity		11 gal
Fuel Tank Capacity		11 gal
Rubber Track		72 Pitch - 10 in 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		5 mph
Max reverse speed		5 mph
Gradeability		55° - All directions
Operating weight		5300 lbs (std equipment, std rubber track)
Ground Pressure		4.7 psi (std equipment / std rubber track / BL1/RCU55-125)

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