

ATTACHMENT

REMOTE CONTROLLED PRODUCTIVITY

BL0/RCU

Mulcher for RCU45 remote-controlled tracked carrier.

The BL0/RCU is able to mulch branches and shrubs up to 10 cm in diameter. The Bite Limiter technology offers high productivity even at low horsepower.



PML/RCU

Flail mulcher for RCU45 remote-controlled tracked carrier.

The PML/RCU is a high-efficiency swinging hammer mulcher for grass, thorny brush, branches and small shrubs up to 5 cm in diameter.



MODEL	BL0/RCU45-125	PML/RCU45-130
Head type	Forestry mulcher	Flail mulcher
Working width (mm)	1240	1316
Total width (mm)	1451	1448
Weight (Kg)	400	325
Rotor diameter (mm)	310	360
Max shredding diameter (mm)	100	50
No. blades type BL/MINI	24	-
No. teeth type C/3/MINI	24	-
No. flais type Y/2	-	22+22
No. hammers type PML	-	22

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ROTOR TYPE BL



BLADE BL/MINI (standard)



TOOTH C/3/MINI (option)

ROTOR TYPE PML



FLAIL Y/2 (standard)



HAMMER PML (option)

01 Robust

Steel structural frame.
Integrated and protected components.

02 Agile

Works on sloping terrain up to 55°.
Full axis rotation.

03 Bite Limiter

Available with the BL0/RCU forestry mulcher with Bite Limiter technology.

04 High-tech

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

05 Professional

The result of wide FAE's experience on tracked carries for forestry and demining sectors.



LAND CLEARING RCU45



RCU45

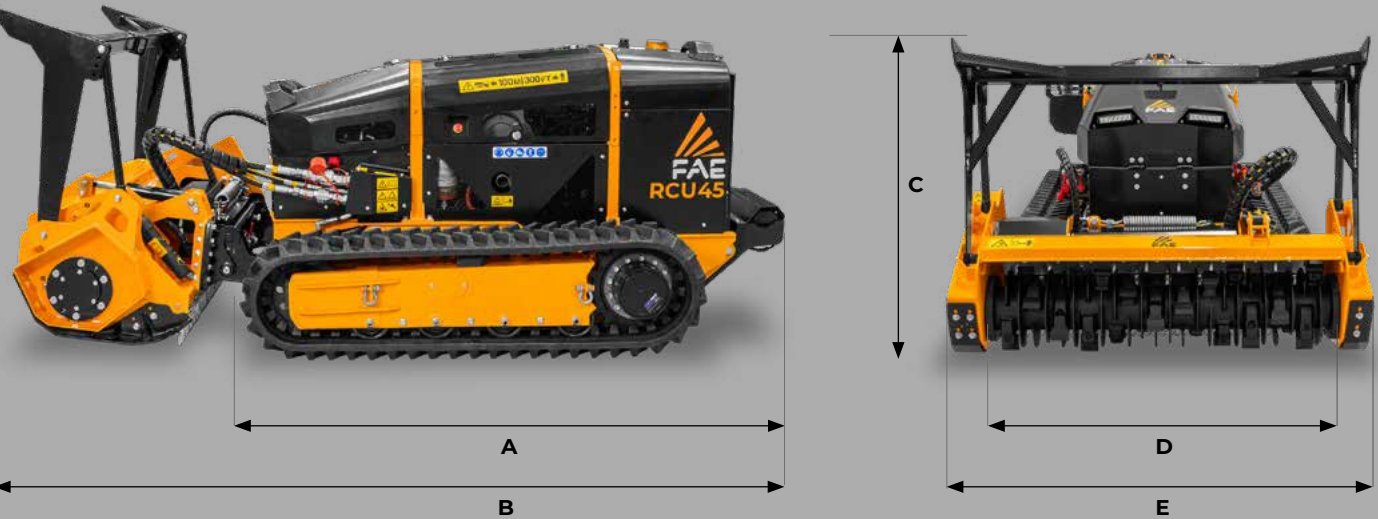
Working in hard-to-reach areas or on steeply sloping terrain requires special equipment that ensures user safety and operating efficiency. FAE's compact RCU remote-controlled tracked carriers are the result of FAE's experience in designing tracked carriers in the PT series and developing remote-guidance systems for the vehicles in our Demining line. The RCU45 has been designed for optimal vegetation maintenance. Its versatility makes it well-suited for working in municipal green areas, in hilly and wooded areas, near railroad tracks, power lines, gas and oil pipelines, and nurseries, and along roads, highways, canals, rivers, and lakes.



APPLICATIONS:

- Forestry maintenance
- Power line, oil pipeline, and gas pipeline maintenance
- Roadside and railway line maintenance
- Plantation and nursery maintenance
- Canal, river, and lake maintenance

DIMENSION



A Overall lenght without attachment 1970 mm
B Transport lenght with BLO/RCU attachment on ground 3090 mm

C Max height 1120 mm
D Overall track width 1300 mm
E See attachements table

44 HP REMOTE CONTROLLED TRACKED VEHICLE.

RCU45

The RCU45 is able to shred branches, wood, grass, and small shrubs, thanks to the different attachments with which it can be fitted. It is efficiently powered by the 44-hp Yanmar common rail engine with electronic fuel injection. The RCU45 can work on steep slopes of up to

55°. The heavy-duty undercarriage, featuring an automatic rubber track tensioning system, has been designed to operate under the most challenging conditions. The dual hydrostatic transmission makes it easier to manage both traction and the attachment.

APP FAE

The FAE App can be used to manage various settings of the RCU45. It also allows users to reposition the vehicle if the remote control cannot be used, to monitor data in real time, to run diagnostics in the event of a component or system failure, and to receive scheduled maintenance notifications.



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

The heavy-duty undercarriage, featuring an automatic rubber track tensioning system, has been designed to operate under the most challenging conditions, guaranteeing unbeatable traction even on steep slopes of up to 55°.

STANDARD EQUIPMENT

Engine YANMAR 3TNV86CT Turbocharged	High-profile rubber tracks and roller system
DOC/DPF after-treatment system	Combined aluminum cooler with anti-clogging fins
Hydrostatic tracks transmission	Proportional and reversible radiator fan
Hydrostatic attachments transmission	Ergonomic joysticks
Auxiliary hydraulic circuit for attachments	4.3" LCD color display on remote control unit
RCU45 attachment plate	Double remote control battery and on-board battery charger
Load Control System	LED working lights
Floating System	

OPTIONS

Rear electic recovery winch	Bio-oil
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44 hp

PROFESSIONAL REMOTE CONTROL

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



SELF-CLEANING RADIATOR

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



TECHNICAL DATA		RCU45 - Tier 4 Final / Stage V
Engine Gross Power		44 hp
Engine Emission		EPA Tier 4 Final - EU Stage V
Hydrostatic closed loop circuit		Max Pressure 290 bar
Attachment closed loop circuit		Max Flow 62 L/min - Max Pressure 290 bar
Open Loop	AUX 1	Max Flow 20 L/min - Max Pressure 150 bar
	AUX 2	Max Flow 30 L/min - Max Pressure 150 bar
Lifting Capacity		Max 450 Kg @ center of gravity position: Height 270 mm from the ground level / Length 350 mm from the attachment plate / Width on RCU central axis
Hydraulic Oil Tank Capacity		25 L
Fuel Tank Capacity		31 L
Rubber Track		72 mm Pitch - 250 mm width - High profile
Lower Rollers		4+ 4 HD style - Double flange
Front Idler / Tensioning Group		Single flange idler - Automatic tensioning system
Voltage		12 Volt
Max Forward Speed		4,9 Km/h (L mode); 7,5 Km/h (H mode)
Max Reverse Speed		4,9 Km/h (L mode); 7,5 Km/h (H mode)
Gradeability		55° - All directions
Operating Weight		1320 Kg (std equipment/ standard rubber tracks)
Ground Pressure		0,26 Kg/cm² (std equipment / standard rubber tracks / BLO/RCU45-125)

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