

REMOTE CONTROLLED PRODUCTIVITY

BL2/RCU75

Forestry mulcher with Bite Limiter technology
High productivity and durability are key features of the BL2/RCU75 forestry mulcher with Bite Limiter rotor, which can mulch vegetation up to 15 cm in diameter.



SCL/RCU75

Stump cutters for the RCU75 remote controlled tracked carrier

The SCL/RCU75 can shred large stumps and roots up to 50 cm deep. Lateral oscillation with proportional hydraulic control makes it possible to work on a large area without moving the vehicle.

PMM/RCU75

Flail mulcher with swinging hammer rotor for RCU75

The PMM/RCU75 is a high-efficiency forestry mulcher for vegetation and small shrubs up to 8 cm in diameter.



MODEL	BL2/RCU75-150	BL2/RCU75-175	SCL/RCU75	PMM/RCU75-175
Head type	Mulcher	Mulcher	Stump cutter	Mulcher
Working width (mm)	1480	1720	950	1780
Total width (mm)	1776	2016	1120	1966
Weight (Kg)	840	930	380	600
Rotor diameter (mm)	370	370	660	440
Max shredding diameter (mm)	150	150	400	80
Disco rotor width (mm)	-	-	112	-
Max working depth (mm)	-	-	500	-
No. blades type BL/MINI	28	32	-	-
No. teeth type C/3/MINI	28	32	-	-
No. teeth type L/1+L/2	-	-	15+15	-
No. hammers type PMM	-	-	-	22
No. flails type Y/3	-	-	-	22

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ROTOR TYPE BL2/RCU75



BLADE BL/MINI
(standard)



TOOTH C/3/MINI
(option)

ROTOR TYPE SCL/RCU75



TOOTH L/1
(standard)



TOOTH L/2
(standard)

ROTOR TYPE PMM/RCU75



HAMMER PMM
(standard)



FLAIL Y/3
(option)

01 Powerful

4 cyl. Turbo Aftercooler 74-hp engine.

02 Robust

Structural steel frame.
Integrated and protected components.

03 Agile

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

04 Bite Limiter

Available on the BL2/RCU75 forestry mulcher with Bite Limiter technology.

05 High-tech

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

06 Professional

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



LAND CLEARING RCU75



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REMOTE CONTROLLED TRACKED CARRIERS

RCU75

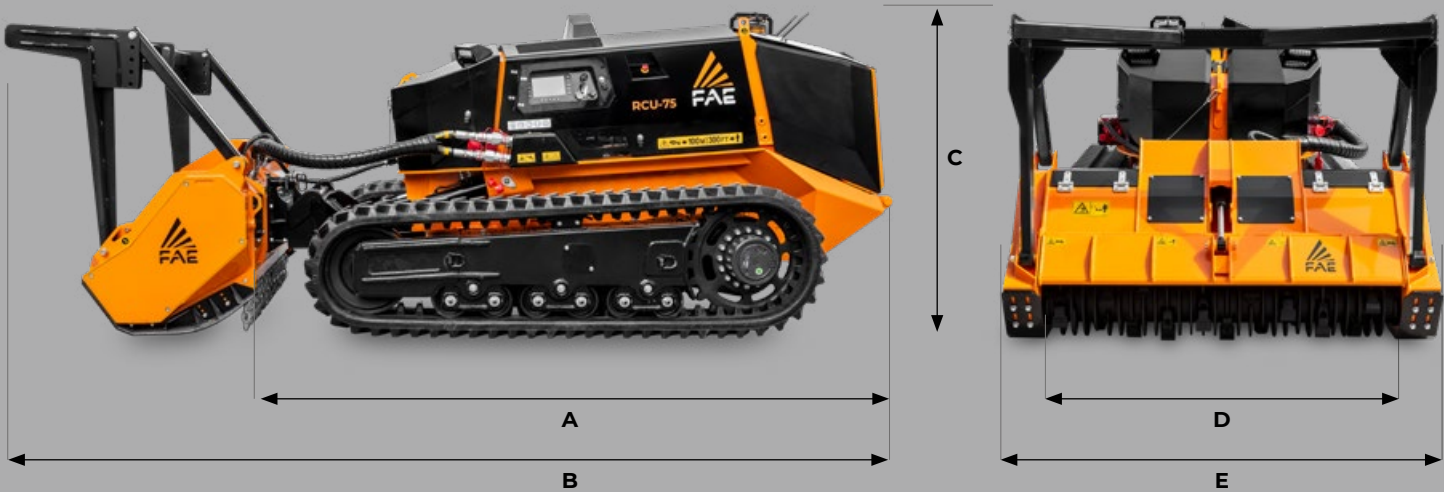
Working in hard-to-reach areas or steeply sloping terrain requires special equipment that ensures user safety and operating efficiency. The RCU75 is a compact and powerful, remote controlled tracked carrier that is the result of merging FAE's extensive experience in designing tracked carriers for the PT series and remote-control systems for the vehicles in our Demining line. The RCU75 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

2840 mm
- B Transport lenght with BL2/RCU75 attachment on ground

4070 mm
- C Max height

1562 mm
- D Overall track width

1700 - 2100 mm
- E See attachements table

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

RCU75

The RCU75 is a compact, powerful FAE tracked carrier that shreds branches and wood pieces, grass, and small shrubs. It can also cuts stumps when outfitted with an SCL/RCU75 head. It is equipped with a 74-hp Kohler engine. The RCU75 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.

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.



STEEL TRACKS (option)

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.

STANDARD EQUIPMENT

Engine KOHLER KDI 2504 turbocharged and after-cooled	High-profile rubber tracks and roller system
After-treatment system DOC (RCU75 TIER 4F) After-treatment system DOC/DPF (RCU75 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 light
Floating function	

OPTIONS

Rear recovery winch with 2 t pulling power	Undercarriage with steel tracks
Bio-oil	



74 hp

PROFESSIONAL REMOTE CONTROL

The ergonomic remote control with a large 3.5" 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		TIER 4 FINAL / STAGE V
Engine Gross Power		74 hp
Engine Emission		U.S. EPA Tier 4 Final - EU Stage V
Closed Loop	AUX 1	Max Flow 105 L/min - Max Pressure 320 bar
	AUX 2	Max Flow 15 L/min - Max Pressure 210 bar
	AUX 3	Max Flow 40 L/min - Max Pressure 210 bar
Open Loop		
Lifting capacity		Max 950 Kg @ center of gravity position: Height 400 mm from the ground level / Length 400 mm from the attachment plate / Width on RCU central axis
Hydraulic Oil Tank Capacity		46 L
Fuel Tank Capacity		63 L
Rubber Track		86 Pitch - 320 mm width - High profile
Lower Rollers		6 + 6 HD style - Triple flange - Bogie sys
Front Idler / Tensioning Group		Triple flange - Automatic tensioning system
Voltage		12 volt
Max forward speed		7,5 Km/h
Max reverse speed		7,5 Km/h
Gradeability		55° - All directions
Operating weight		3470 Kg (std equipment, std rubber track)
Ground Pressure		0,35 Kg/cm2 (std equipment / std rubber track /BL2/RCU75-150)

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