

# 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.



## PMM/RCU75

Mulcher with hammer/flail rotor for RCU75.

The PMM/RCU75 is a high-efficiency swinging hammer mulcher for grass, brambles, twigs and small shrubs up to 8 cm in diameter.



## SCL/RCU75

Stump cutter 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.



## RPL/SSL

Fixed tooth road planer for the RCU75 remote controlled tracked carrier

RPL/SSL is a road planer capable of scarifying asphalt or concrete up to 17 cm depth. The self-leveling skids with independent hydraulic control allow to keep a constant working depth in every condition.

MODEL	BL2/RCU75-150	BL2/RCU75-175	PMM/RCU75-175	SCL/RCU75	RPL/SSL-45
Head type	Mulcher	Mulcher	Mulcher with hammer/flail rotor	Stump cutter	Road planer
Working width (mm)	1480	1720	1780	950	450
Total width (mm)	1776	2016	1966	1120	1650
Weight (Kg)	840	930	630	380	900
Rotor diameter (mm)	370	370	440	660	600
Disc rotor width (mm)	-	-	-	112	-
Max shredding diameter (mm)	150	150	80	400	-
Max working depth (mm)	-	-	-	500	170
Tilting angle ±	-	-	-	-	8°
Side shifting (mm)	-	-	-	-	560
No. blades type BL/MINI	28	32	-	-	-
No. teeth type L/1+L/2	-	-	-	15+15	-
No. hammers type PMM	-	-	22	-	-
No. picks type R	-	-	-	-	42

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### ROTOR TYPE BL



BLADE BL/MINI (standard)



TOOTH C/3/MINI (option)



TOOTH L/1 (standard)



TOOTH L/2 (standard)



HAMMER PMM (standard)



FLAIL Y/3 (option)



PICK R/44/A (standard)



PICK R/44/C (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





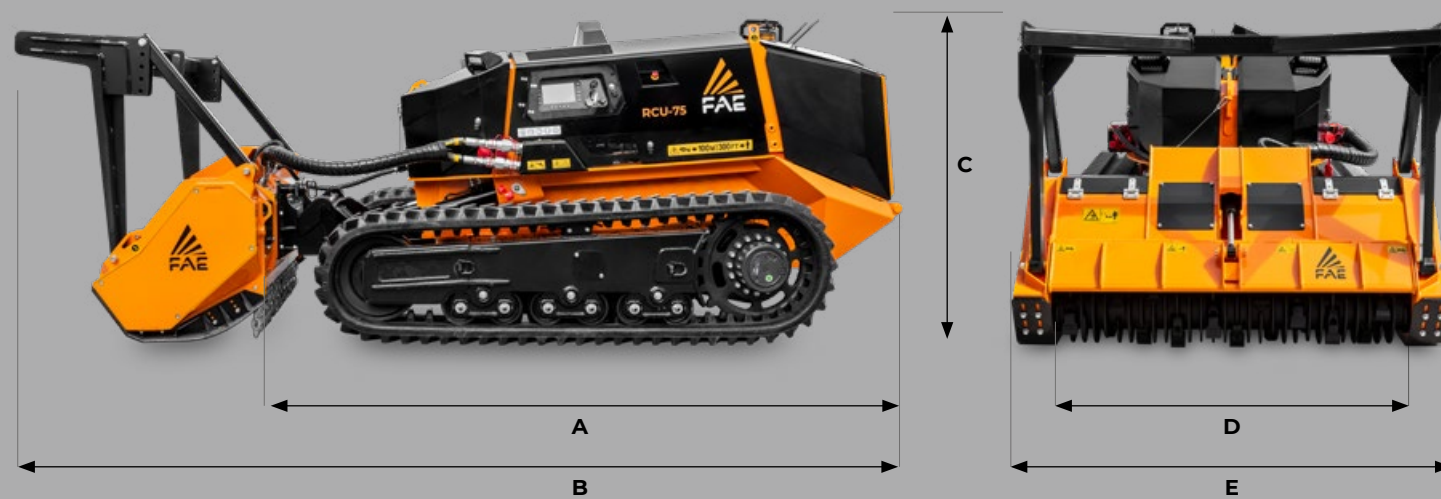
# RCU75

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
  - Asphalt milling
  - Asphalt recycling

## DIMENSION



- A** Overall length without attachment 2840 mm
- B** Transport length with BL2/RCU75 attachment on ground 4070 mm
- C** Max height 1562 mm
- D** Overall track width 1700 - 2100 mm
- E** See attachments 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 cut 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. Equipped with the RPL/SSL-45 road planer, the RCU75 can be used to mill asphalt and concrete up to 17 cm deep.

### 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, multiple roller system and idlers.



**STEEL TRACKS**  
(option)

### STANDARD EQUIPMENT

KOHLER KDI 2504 turbocharged and after-cooled engine	High-profile rubber tracks and roller system
DOC after-treatment system (RCU75 - Tier 4F) DOC/DPF after-treatment system (RCU75 - 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
Quick-mount tilting attachment plate	7" LCD on-board color display
Independent hydraulic variable track gauge system	LED working lights
Floating System	

### OPTIONS

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



74 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	RCU75 - Tier 4F / RCU75 - Stage V
Engine Gross Power	74 hp
Engine Emission	U.S. EPA Tier 4 Final - EU Stage V
Closed Loop	Max Flow 105 L/min - Max Pressure 320 bar
	<b>AUX 1</b> Max Flow 15 L/min - Max Pressure 210 bar
	<b>AUX 2</b> Max Flow 15 L/min - Max Pressure 210 bar
Open Loop	<b>AUX 3</b> Max Flow 40 L/min - Max Pressure 210 bar
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 mm Pitch - 320 mm width - High profile
Lower Rollers	6 + 6 HD style - Double flange
Front Idler / Tensioning Group	Double 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/cm <sup>2</sup> (std equipment / std rubber track / BL2/RCU75-150)

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