

REMOTE CONTROLLED PRODUCTIVITY

BL2/RCU



Forestry mulcher with Bite Limiter technology

PMM/RCU



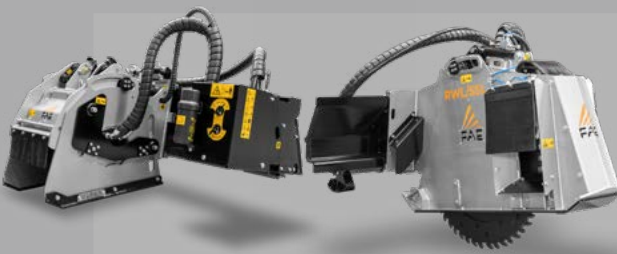
Mulcher with hammer/flail rotor for RCU75

SCL/RCU



Stump cutter for the RCU75

RPL/SSL and RWL/SSL



Road planer and wheel saw for the RCU75 remote controlled tracked carrier

SAE ATTACHMENT PLATE



Allows compatibility with third-party skid steers equipment such as: chippers, sprayers, forestry winches, sweepers, mixing buckets, lifting forks, dozing blades, disc trimmers, trenchers and more

MODEL	BL2/RCU75 -150	PMM/RCU75 -175	SCL/RCU75	RPL/SSL-45 RPL/SSL/PLUS-45	RPL/SSL-60 RPL/SSL/PLUS-60	RWL/SSL		
Head type	Mulcher	Hammer/Flail mulcher	Stump cutter	Road planer	Road planer	Wheel saw		
Working width (mm)	1480	1780	950	450	600	25 mm (STD)	30 mm (OPT)	50 mm (OPT)
Total width (mm)	1776	1966	1120	1650	1650	1640	1640	1640
Weight (Kg)	840	720	420	900 - 1060 (PLUS)	950 - 1110 (PLUS)	890	890	890
Rotor diameter (mm)	370	440	660	600	600	1100	1100	1100
Max shredding diameter (mm)	150	80	400	-	-	-	-	-
Max working depth (mm)	-	-	500	170	170	250-350	250-350	250-350
No. blades type BL/MINI	28	-	-	-	-	-	-	-
No. teeth type L1+L2	-	-	15+15	-	-	-	-	-
No. hammers type PMM	-	22	-	-	-	-	-	-
No. picks type R	-	-	-	48	60	40	40	40

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ROTOR TYPE BL



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

ROTOR TYPE SCL



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

ROTOR TYPE PMM



HAMMER PMM (standard) FLAIL Y/3 (option)

ROTOR TYPE R



PICK R/44/A (standard) PICK R/44/C (option) PICK R/25/C (standard)

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 Multitask

Compatible with FAE and third-party equipment with SAE attachment plate.

05 High-tech

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

06 Professional

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



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.

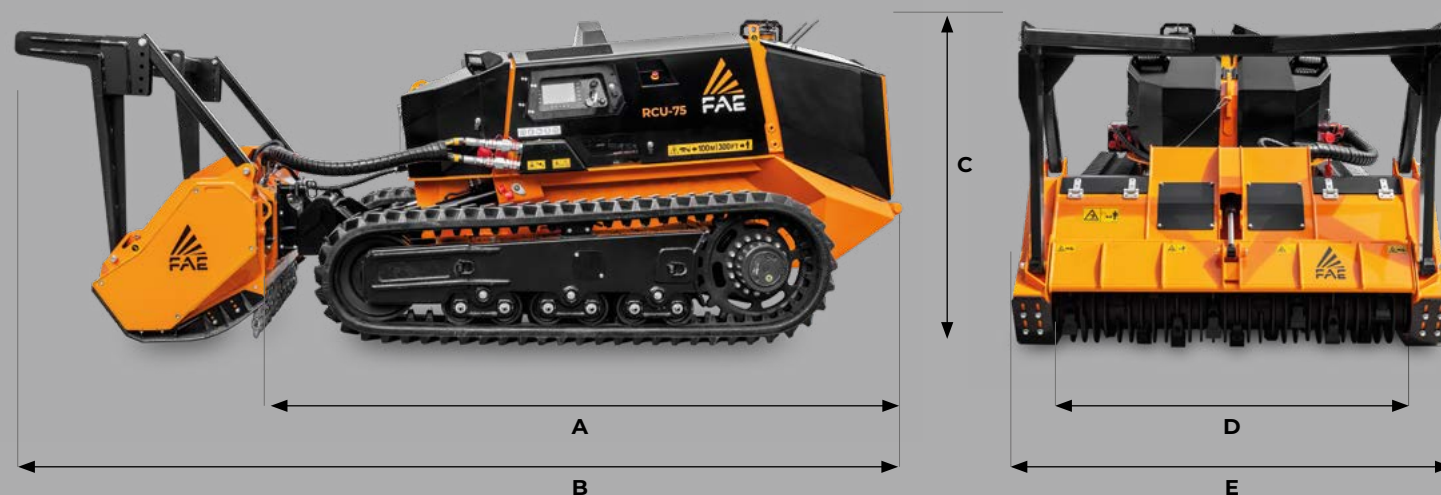


APPLICATIONS:

- Forestry maintenance
- Plantation and crop maintenance
- Canals, rivers, ponds overgrowth cleanup
- Power lines, oil & gas, R.O.W. maintenance
- Roadside and railway vegetation maintenance
 - Asphalt milling
 - Asphalt recycling

SAE attachment plate increases the variety of applications by expanding the number of compatible attachments

DIMENSION



A Overall length without attachment 2996 mm
B Transport length with BL2/RCU attachment on ground 4050 mm

C Max height 1560 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 FAE's compact, powerful tracked carrier capable of shredding branches, wood, grass and small shrubs, cutting stumps, or shredding asphalt using various FAE attachments. With the introduction of the SAE universal attachment plate, it can also be fitted with a wide range of third-party equipment for skid steers. The RCU75 relies on a 74 hp Rehlko (Kohler) engine. It can work on steep slopes up to 55°, with a heavy-

duty undercarriage that features a hydraulic variable track system for maximum stability on steep terrain. The high-profile rubber or steel tracks, combined with the undercarriage's multiple-roller system, provide unbeatable traction. Finally, the dual hydrostatic transmission makes it easier to manage both traction and the attachment.

FAE APP

With the FAE App, you can use your smartphone to monitor primary operating parameters in real time, check any malfunctions, manage scheduled maintenance and, now, move the vehicle if remote-control signal is lost.



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

REHLKO (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 tracks transmission	Proportional and reversible fan system with hydraulic control
Hydrostatic attachments transmission	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
SAE 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	Rear winch PLUS with 2-t traction force
LGP 400mm rubber tracks	Engine pre-heating system
Super grip rubber tracks	



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
	AUX 1
	Max Flow 15 L/min - Max Pressure 210 bar
Open Loop	AUX 2
	Max Flow 15 L/min - Max Pressure 210 bar
	AUX 3
	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	3380 Kg (std equipment, 320 mm rubber tracks)
Ground Pressure	0,35 Kg/cm ² (std equipment / 320 mm rubber tracks / BL2/RCU75-150)

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