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 6 inches 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 3 inches in diameter.



SCL/RCU75

Stump cutters for the RCU75 remote controlled tracked carrier

The SCL/RCU75 can shred large stumps and roots up to 20 inches 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 7 inches 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	Stump cutter	Road planer
Working width (in)	58	68	70	37	18
Total width (in)	70	79	77	44	65
Weight (lbs)	1852	2050	1389	838	1990
Rotor diameter (in)	14.6	14.6	17.3	26	23.6
Disc rotor width (in)	-	-	-	4.4	-
Max shredding diameter (in)	6	6	3.1	16	-
Max working depth (in)	-	-	-	20	7
Tilting angle ±	-	-	-	-	8°
Side shifting (in)	-	-	-	-	22
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)

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)

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.



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FAE
MAKE THE DIFFERENCE

LAND CLEARING

RCU75

fae-group.com

REMOTE CONTROLLED TRACKED CARRIERS

USA

RCU75

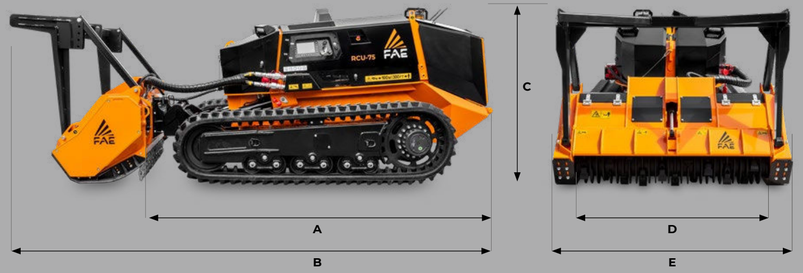
Working in hard-to-reach areas or steeply sloping terrain requires special equipment that ensures user safety and operating efficiency. The RCU75 is a compact and powerfull, remote controlled tracked carrier that is the result of merging FAE's extensive experience in designing tracked carriers for the 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 lenght without attachment 112 in
B Transport lenght with BL2/RCU75 attachment on ground 160 in

C Max height 61 in
D Overall track width 67 - 83 in
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. Equipped with the RPL/SSL-45 road planer, the RCU75 can be used to mill asphalt and concrete up to 7 inches 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, 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)	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

Vericello posteriore con forza di trazione 2 t	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 attchment 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
Engine Gross Power		74 hp
Engine Emission		U.S. EPA Tier 4 Final - EU Stage V
Closed Loop		Max Flow 27.7 gpm - Max Pressure 4650 psi
Open Loop	**AUX 1**	Max Flow 4 gpm - Max Pressure 3045 psi
	AUX 2	Max Flow 4 gpm - Max Pressure 3045 psi
	AUX 3	Max Flow 10.5 gpm - Max Pressure 3045 psi
Lifting capacity		Max 2095 lbs @ center of gravity position: Height 15.7 in from the ground level / Length 15.7 in from the attachment plate / Width on RCU central axis
Hydraulic Oil Tank Capacity		12 gal
Fuel Tank Capacity		17 gal
Rubber Track		86 mm Pitch - 13 in 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		4.7 mph
Max reverse speed		4.7 mph
Gradeability		55° - All directions
Operating weight		7650 lbs (std equipment, std rubber track)
Ground Pressure		4.98 psi (std equipment / std rubber track /BL2/RCU75-150)

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