

REMOTE CONTROLLED PRODUCTIVITY

UML/RCU

Forestry mulcher with Sonic technology

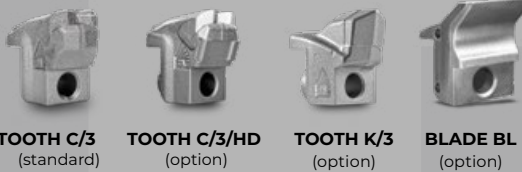
High productivity and durability are key features of the UML/RCU forestry mulcher with Sonic technology, which can mulch vegetation up to 20 cm in diameter.

MODEL	UML/SONIC/RCU120-150
Head type	Mulcher
Working width (mm)	1582
Total width (mm)	1880
Weight (kg)	1210
Rotor diameter (mm)	425
Max shredding diameter (mm)	200
No. teeth type C/3 + C/3/SS	32+2

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ROTOR TYPE C



ROTOR TYPE BL



ROTOR TYPE I



HEADS AVAILABLE ON REQUEST



PMM/RCU

Mulcher with hammer/flail rotor for RCU120 remote-controlled tracked carrier



SCL/RCU

Stump cutter for the RCU120 remote controlled tracked carrier



RPL/SSL

Fixed tooth road planer for the RCU120 remote controlled tracked carrier



STC/SSL

Stone Crushers with fixed teeth for the RCU120 remote controlled tracked carrier

01 Powerful

4 cyl. Turbo Aftercooler 120-hp engine.

02 Robust

Structural steel frame.
Integrated and protected components.

03 Agile

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

04 Sonic

For increased productivity of up to 30%.

05 High-tech

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

06 Professional

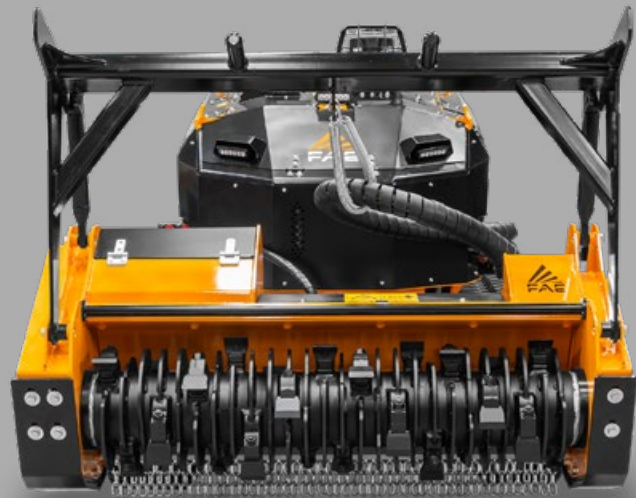
The result of FAE's experience designing PT and Demining tracked carriers.



LAND CLEARING RCU120

RCU120

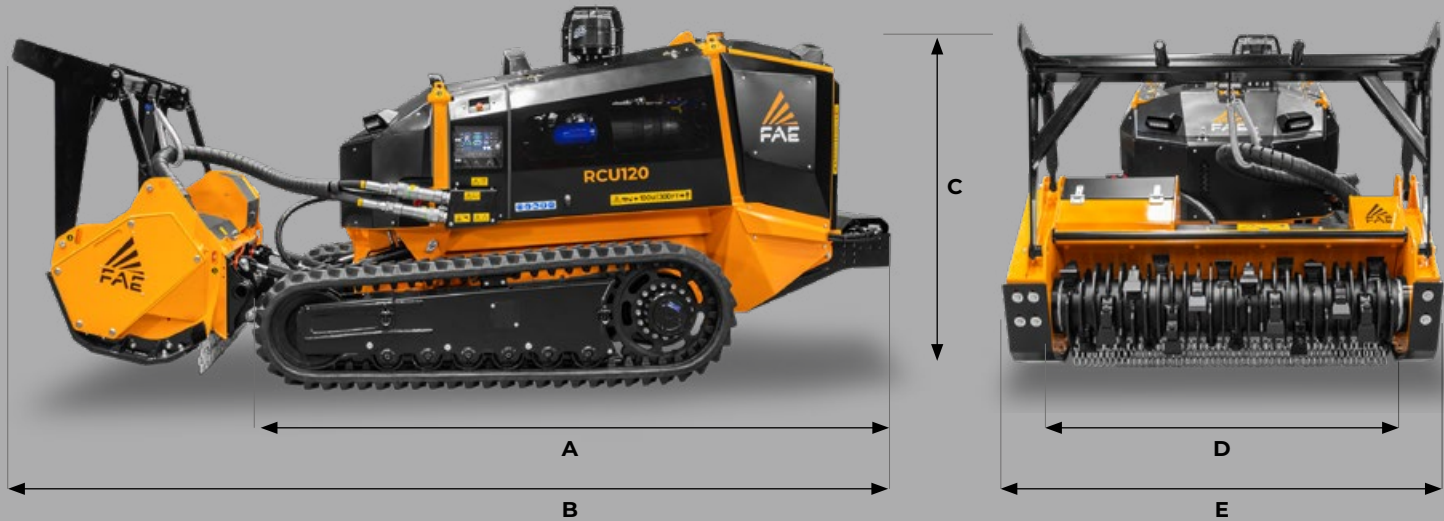
Working in hard-to-reach areas or steeply sloping terrain requires special equipment that ensures user safety and operating efficiency. The RCU120 is a compact and powerfull, remote controlled tracked carrier that is the result of merging FAE's extensive experience in designing tracked carriers for the PT series and remote-control systems for the vehicles in our Demining line. The RCU120 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
- Stone crushing

DIMENSION



- A** Overall lenght without attachment

3160 mm
- B** Transport lenght with BL4/RCU attachment on ground

4352 mm
- C** Height

1904 mm
- D** Overall track width

1750 - 2150 mm
- E** See attachements table

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

RCU120

The RCU120 is a compact, powerful FAE tracked carrier that shreds branches, wood pieces, grass and small shrubs. It can also cut stumps and trim light vegetation when equipped with a stump cutter or flail mower. It is equipped with a 120-hp Rehlko (Kohler) engine. The RCU120 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 RCU120 is outfitted with a 120-hp Kohler engine, and it features a dual hydrostatic transmission to maintain power to the tracks and the attachment. The RCU120 can be equipped with FAE mulchers, stump cutters, stone crushers and road millers.

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

Engine REHLKO (KOHLER) KDI 3404 turbocharged and after-cooled	Combined aluminum cooler with anti-clogging fins
After-treatment system DOC/DPF/SCR	Proportional and reversible fan system with hydraulic control
Hydrostatic tracks transmission	High profile rubber tracks and roller system
Hydrostatic attachments transmission	Independent hydraulic variable track gauge system
Auxiliary hydraulic circuit for attachments	7" LCD on-board color display
Sonic system	4.3" LCD color display on remote control unit
Load Control system	Ergonomic joysticks
Floating system	Double remote control battery and on-board battery charger
SAE attachment plate	LED working lights

OPTIONS

Undercarriage with steel tracks	Rear recovery winch PLUS with 2,3-t traction force
Rear recovery winch with 2,3-t traction force	Bio-oil



120 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		RCU120 - Tier 4 Final / EU Stage V
Engine Gross Power		120 hp
Engine Emission		U.S. EPA Tier 4 Final - EU Stage V
Closed Loop		Max Flow 105 L/min - Max Pressure 355 bar
Open Loop	AUX 1	Max Flow 15 L/min - Max Pressure 210 bar
	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 1350 kg @ center of gravity position: Height 500 mm from the ground level / Length 500 mm from the attachment plate / Width on RCU central axis
Hydraulic Oil Tank Capacity		56 L
Fuel Tank Capacity		75 L
DEF AdBlue® Tank		16 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		5 km/h
Max Reverse Speed		5 km/h
Gradeability		55° - All directions
Operating Weight		3850 kg (std equipment, 320 mm rubber tracks)
Ground Pressure		0,41 kg/cm ² (std equipment / 320 mm rubber tracks / UML/SONIC/ RCU120-150)

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