REMOTE CONTROLLED PRODUCTIVITY

UML/RCU120 and BL4/RCU120

Forestry mulchers with Bite Limiter and Sonic technology

High productivity and durability are key features of the RCU120 forestry mulchers with Bite Limiter and Sonic technology, which can mulch vegetation up to 12 inches in diameter.





MODEL	UML/SONIC/RCU120-150	BL4/SONIC/RCU120-150
Head type	Mulcher	Mulcher
Working width (in)	62	62
Total width (in)	74	74
Weight (lbs)	2668	2745
Rotor diameter (in)	16.7	18
Max shredding diameter (in)	8	12
No. teeth type C/3 + C/3/SS	32+2	-
No. blades type BL/MAX	-	26

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ROTOR TYPE C



TOOTH C/3 (standard) | **TOOTH C/3/HD** (option) | **TOOTH K/3** (option) | **BLADE BL** (option)

ROTOR TYPE BL



BLADE BL (standard) | **TOOTH C/3** (option) | **BLADE BL/MAX** (standard) | **TOOTH C/3/MAX** (option)

ROTOR TYPE I



TOOTH I (standard) | **TOOTH C/3/SS** (side scraper)

HEADS AVAILABLE ON REQUEST



PMM/RCU120

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



SCL/RCU120

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

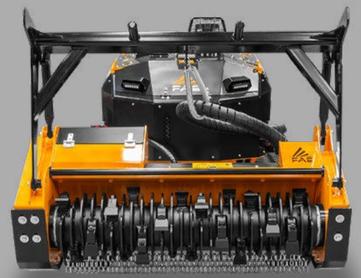
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REMOTE CONTROLLED TRACKED CARRIERS

USA

RCU120

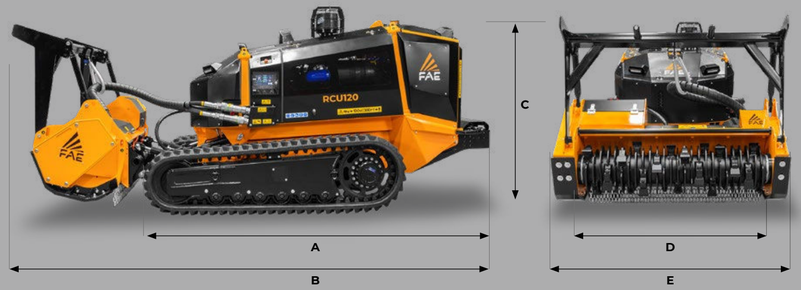
Working in hard-to-reach areas or steeply sloping terrain requires special equipment that ensures user safety and operating efficiency. The RCU120 is a compact and powerfull, remote controlled tracked carrier that is the result of merging FAE's extensive experience in designing tracked carriers for the 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	124 in	**C** Height	75 in
B Transport lenght with BL4/RCU120 attachment on ground	171 in	**D** Overall track width	69-85 in
		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 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 planers.

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

Engine 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 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		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 40 gal/min - Max pressure 5148 psi
Open Loop	**AUX 1**	Max flow 4 gal/min - Max pressure 3045 psi
	AUX 2	Max flow 4 gal/min - Max pressure 3045 psi
	AUX 3	Max flow 10.5 gal/min - Max pressure 3045 psi
Lifting capacity		Max 2976 lb @ center of gravity position: Height 20 in from the ground level / Length 20 in from the attachment plate / Width on RCU central axis
Hydraulic Oil Tank Capacity		15 gal
Fuel Tank Capacity		20 gal
DEF AdBlue® tank		4 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		3.1 mph
Max reverse speed		3.1 mph
Gradeability		55° - All directions
Operating weight		8488 lbs (std equipment, 13 in rubber track)
Ground Pressure		5.8 psi (std equipment / 13 in rubber track / UML/SONIC/RCU120-150)

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