

ATTACHMENT

REMOTE CONTROLLED PRODUCTIVITY

BL1/RCU55

Forestry mulcher with Bite Limiter technology

High productivity and durability are key features of the BL1/RCU55 forestry mulcher with Bite Limiter rotor, which can mulch vegetation up to 5" in diameter.



SCL/RCU55

Stump cutters for the RCU55 remote controlled tracked carrier.

The SCL/RCU55 can shred large stumps and roots up to 18 inches deep. Lateral oscillation with proportional hydraulic control makes it possible to work on a large area without moving the vehicle.



PMM/RCU55

Flail mulcher with swinging hammer rotor for RCU55.

The PMM/RCU55 is a high-efficiency forestry mulcher for vegetation and small shrubs up to 2.4 inches in diameter.



MODEL	BL1/RCU55-125	SCL/RCU55	PMM/RCU55-150
Head type	Mulcher	Stump cutter	Mulcher
Working width (in)	49	33	61
Total width (in)	59	44	68
Weight (lbs)	1290	728	1179
Rotor diameter (in)	12	22.4	17.3
Disc rotor width (in)	-	4.2	-
Max shredding diameter (in)	5	14	2.4
Max working depth (in)	-	18	-
No. blades type BL/MINI	24	-	-
No. teeth type C/3/MINI	24	-	-
No. hammers type PMM	-	-	18
No. flails type Y/3	-	-	18
No. teeth type L/1+L/2	-	15+15	-

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ROTOR TYPE BL1/RCU55



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

ROTOR TYPE SCL/RCU55



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

ROTOR TYPE PMM/RCU55



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

01 Robust

Structural steel frame.
Integrated and protected components.

02 Agile

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

03 Bite Limiter

Available on the BL1/RCU55 forestry mulcher with Bite Limiter technology.

04 High-tech

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

05 Professional

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



LAND CLEARING RCU55



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REMOTE CONTROLLED TRACKED CARRIERS

USA

RCU55

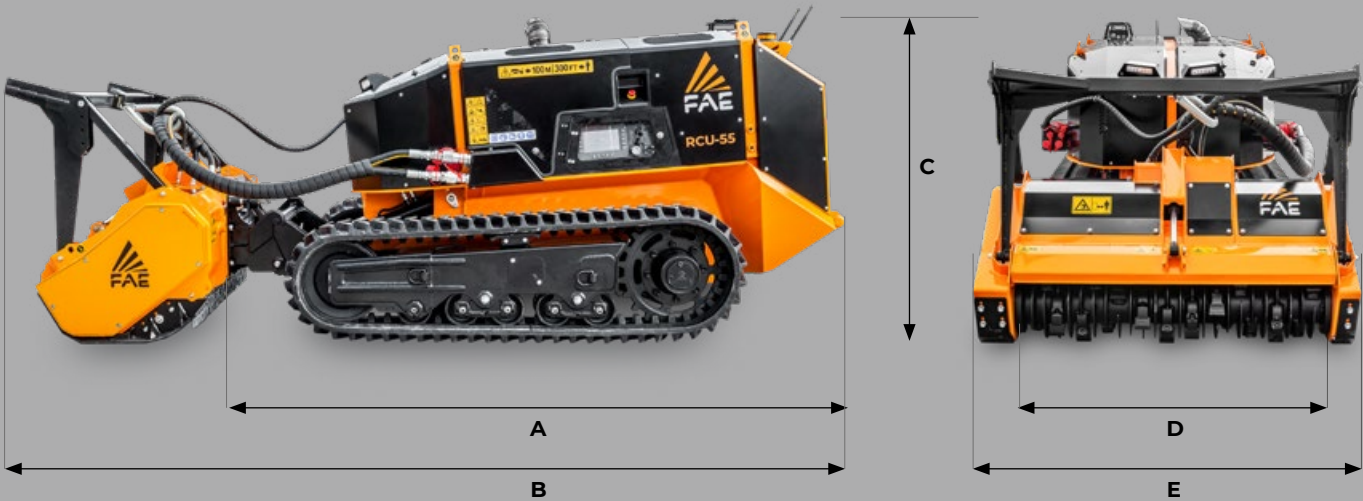
Working in hard-to-reach areas or steeply sloping terrain requires special equipment that ensures user safety and operating efficiency. The RCU55 is a compact, remote controlled tracked carrier that is the result of merging FAE's extensive experience in designing tracked carriers for the PT series and remote-control systems for the vehicles in our Demining line. The RCU55 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

DIMENSION



A Overall lenght without attachment

B Transport lenght with BL1/RCU55 attachment on ground

101 in

142 in

C Max height

D Overall track width

E See attachements table

57 in

57 - 69 in

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

RCU55

The RCU55 is a compact FAE tracked carrier that shreds branches and wood pieces, grass, and small shrubs. It can also cuts stumps when outfitted with an SCL/RCU55 head. It is equipped with a 56-hp Kohler engine. The RCU55 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 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.

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.



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.

PROFESSIONAL REMOTE CONTROL

The ergonomic remote control with a large 3.5" display makes it easy to manage all vehicle and attachment functions. Customizable function keys. 2.4 GHz transmission frequency.



STANDARD EQUIPMENT

Engine KOHLER KDI 1903 turbocharged and after-cooled	High-profile rubber tracks and roller system
After-treatment system DOC (RCU55-T4F))	Combined aluminum cooler anti-clogging fins style
After-treatment system DOC/DPF (RCU55-Stage V)	LED working lights
Hydrostatic tracks transmission	Proportional and reversible fan system with hydraulic control
Hydrostatic attachments transmission	Ergonomic joysticks controls
Auxiliary open loop attachments transmission	LCD color 3.5" display on remote control unit
Load Control function	Double battery and on board battery charger
Tilting attachment plate with quick coupling	LCD color 7" display on board
Independent hydraulic variable track gauge system	Floating function

OPTIONS

Rear recovery winch with 2 t pulling power	Undercarriage with steel tracks
Bio-oil	



56 hp



TECHNICAL DATA		RCU55 TIER 4F / STAGE V
Engine Gross Power		56 hp
Engine Emission		U.S. EPA Tier 4 Final
Closed Loop	Max Flow 20 gpm - Max Pressure 4210 psi	
	AUX 1	Max Flow 4,5 gpm - Max Pressure 3045 psi
	AUX 2	Max Flow 4,5 gpm - Max Pressure 3045 psi
	AUX 3	Max Flow 7 gpm - Max Pressure 3045 psi
Open Loop		
Lifting capacity		Max 1320 lbs @ center of gravity position: Height 13,8 in from the ground level / Length 15,7 in from the attachment plate / Width on RCU central axis
Hydraulic Oil Tank Capacity		11 gal
Fuel Tank Capacity		11 gal
Rubber Track		72 Pitch - 10 in width - High profile
Lower Rollers		5 + 5 HD style - Triple flange - Bogie sys (4 + 4)
Front Idler / Tensioning Group		Triple flange - Automatic tensioning system
Voltage		12 volt
Max forward speed		5 mph
Max reverse speed		5 mph
Gradeability		55° - All directions
Operating weight		5300 lbs (std equipment, std rubber track)
Ground Pressure		5,2 psi (std equipment / std rubber track / BL1/RCU55-125)

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