

REMOTE CONTROLLED PRODUCTIVITY

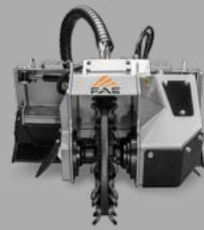
UML/RCU



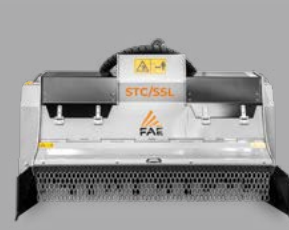
PMM/SSL



SCL/SSL



STC/SSL



RPL/SSL, RPM/SSL and RWM/SSL



SAE ATTACHMENT PLATE



| MODEL | UML/SONIC/ RCU120-150 | PMM/SSL -175 | SCL/SSL | STC/SSL | RPL/SSL-45 RPL/SSL/PLUS-45 | RPL/SSL-60 RPL/SSL/PLUS-60 | RPL/SSL-75 RPL/SSL/PLUS-75 |
|------------------------------|--------------------------|-----------------------|--------------|---------------|-------------------------------|-------------------------------|-------------------------------|
| Head type | Forestry mulcher | Mobile hammer mulcher | Stump cutter | Stone crusher | Road planer | Road planer | Road planer |
| Working width (mm) | 1582 | 1780 | 950 | 1590 | 450 | 600 | 750 |
| Total width (mm) | 1880 | 2000 | 1165 | 1894 | 1650 | 1650 | 1650 |
| Weight (Kg) | 1210 | 850 | 450 | 1210 | 900 - 1060 (PLUS) | 950 - 1110 (PLUS) | 1000 - 1160 (PLUS) |
| Rotor diameter (mm) | 425 | 440 | 660 (Disc) | 450 | 600 | 600 | 600 |
| Max shredding diameter (mm) | 200 | 80 | 400 | - | - | - | - |
| Max working depth (mm) | - | - | 500 | 150 | 170 | 170 | 170 |
| No. teeth type C/3+C/3/SS | 32+2 | - | - | - | - | - | - |
| No. teeth type L/1+L/2 | - | - | 15+15 | - | - | - | - |
| No. hammers type PMM | - | 22 | - | - | - | - | - |
| No. teeth type STCL/3+C/3/SS | - | - | - | 32+4 | - | - | - |
| No. picks type R | - | - | - | - | 48 | 60 | 66 |

| MODEL | RPL/SSL/DT-100 RPL/SSL/DT/ PLUS-100 | RPL/SSL/DT-125 RPL/SSL/DT/ PLUS-125 | RPL/SSL/DT-150 RPL/SSL/DT/ PLUS-150 | RPM/SSL-60 | RWM/SSL | | |
|------------------------|---|---|---|-------------|-------------|--------------|--------------|
| Head type | Road planer | Road planer | Road planer | Road planer | Wheel saw | | |
| Working width (mm) | 1000 | 1250 | 1500 | 600 | 80 mm (STD) | 100 mm (OPT) | 120 mm (OPT) |
| Total width (mm) | 1650 | 1650 | 1650 | 1650 | 1640 | 1640 | 1640 |
| Weight (Kg) | 900 - 1060 (PLUS) | 950 - 1110 (PLUS) | 1000 - 1160 (PLUS) | 1170 | 1315 | 1340 | 1365 |
| Rotor diameter (mm) | 600 | 600 | 600 | 765 | 1400 | 1400 | 1400 |
| Max working depth (mm) | 140 | 140 | 140 | 250 | 250-500 | 250-500 | 250-500 |
| No. picks type R | 84 | 102 | 120 | 66 | 40 | 50 | 55 |

Data refers to machine as standard set-up. Options may have effects on weights and dimensions. The technical data in this catalogue may be altered without prior notice.

ROTOR TYPE C



ROTOR TYPE STCL



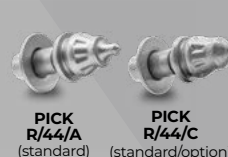
ROTOR TYPE SCL



ROTOR TYPE PMM



ROTOR TYPE R



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 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 carriers for forestry and demining sectors.



LAND CLEARING
RCU120



fae-group.com

REMOTE CONTROLLED TRACKED CARRIERS

EN

RCU120

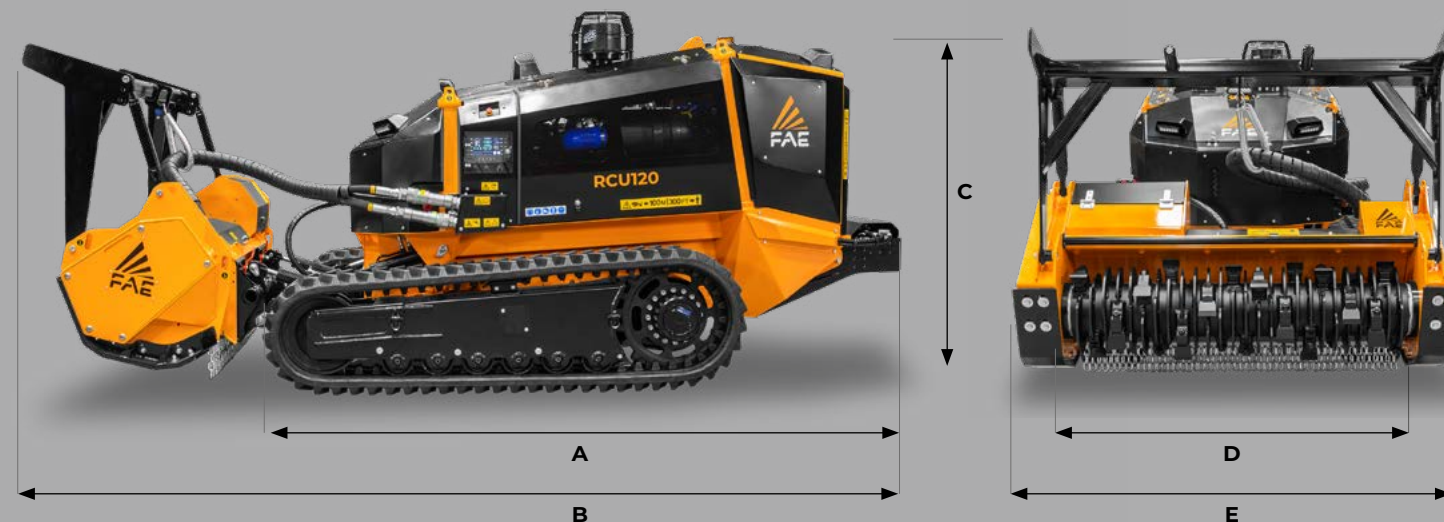
Working in hard-to-reach areas or steeply sloping terrain requires special equipment that ensures user safety and operating efficiency. The RCU120 is a compact and powerful, remote controlled tracked carrier that is the result of merging FAE's extensive experience in designing tracked carriers for the PT series and remote-control systems for the vehicles in our Demining line. The 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 length without attachment
B Transport length with BL4/RCU attachment on ground

3160 mm
 4352 mm

C Height
D Overall track width
E See attachments table

1904 mm
 1750 - 2150 mm

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.

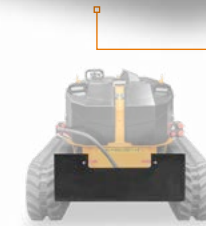


STEEL TRACKS
(option)



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.



STANDARD SAE ATTACHMENT PLATE

The 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.

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 |
| LGP 400mm rubber tracks | |



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 150 L/min - Max Pressure 355 bar | | | | | | |
| Open Loop | <table border="1"> <tr> <td>AUX 1</td> <td>Max Flow 15 L/min - Max Pressure 210 bar</td> </tr> <tr> <td>AUX 2</td> <td>Max Flow 15 L/min - Max Pressure 210 bar</td> </tr> <tr> <td>AUX 3</td> <td>Max Flow 40 L/min - Max Pressure 210 bar</td> </tr> </table> | 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 |
| 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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