# ATTACHMENT

REMOTE CONTROLLED PRODUCTIVITY

## BL0/RCU

Forestry mulcher with Bite Limiter technology

The BL0/RCU is able to mulch branches and shrubs up to 10 cm in diameter. The Bite Limiter technology offers high productivity even at low horsepower.

## PML/RCU

Swinging hammer mulcher

The PML/RCU can shred grass, brambles, twigs and small shrubs up to 5 cm in diameter.

| MODEL | BL0/RCU45-125 | PML/RCU45-130 |
|---|---|---|
| **Head type** | Forestry mulcher | Swinging hammer mulcher |
| **Working width** (mm) | 1240 | 1316 |
| **Total width** (mm) | 1451 | 1448 |
| **Weight** (Kg) | 400 | 300 |
| **Rotor diameter** (mm) | 310 | 360 |
| **Max shredding diameter** (mm) | 100 | 50 |
| **No. blades** type BL/MINI | 24 | - |
| **No. teeth** type C/3/MINI | 24 | - |
| **No. hammers** type PML | - | 22 |
| **No. flais** type Y/2 | - | 22 |

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**ROTOR TYPE BL**

**BLADE BL/MINI**
(standard)

**TOOTH C/3/MINI**
(option)

**ROTOR TYPE PML**

**HAMMER PML**
(standard)

**FLAIL Y/2**
(option)

## 01 Robust

Steel structural frame.
Integrated and protected components.

## 02 Agile

Works on sloping terrain up to 55°.
Full axis rotation.

## 03 Bite Limiter

Available with the BL0/RCU forestry mulcher with Bite Limiter technology.

## 04 High-tech

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

## 05 Professional

The fruit of FAE's experience with Demining and PT tracked carriers.

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FAE
MAKE THE DIFFERENCE

LAND CLEARING

# RCU45

**fae-group.com**

REMOTE CONTROLLED TRACKED CARRIERS

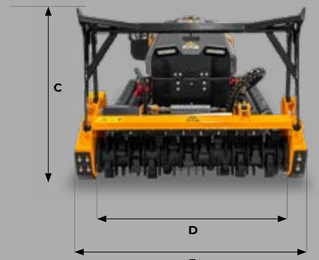
EN

# RCU45

Working in hard-to-reach areas or on steeply sloping terrain requires special equipment that ensures user safety and operating efficiency. FAE's compact RCU remote-controlled tracked carriers are the result of FAE's experience in designing tracked carriers in the PT series and developing remote-guidance systems for the vehicles in our Demining line. The RCU45 has been designed for optimal vegetation maintenance. Its versatility makes it well-suited for working in municipal green areas, in hilly and wooded areas, near railroad tracks, power lines, gas and oil pipelines, and nurseries, and along roads, highways, canals, rivers, and lakes.

**APPLICATIONS:**
Forestry maintenance
Power line, oil pipeline, and gas pipeline maintenance
Roadside and railway line maintenance
Plantation and nursery maintenance
Canal, river, and lake maintenance

## DIMENSION


| | | | |
|---|---|---|---|
| **A** Overall lenght without attachment | 1970 mm | **C** Max height | 1120 mm |
| **B** Transport lenght with BL0/RCU attachment on ground | 3090 mm | **D** Overall track width | 1300 mm |
| | | **E** See attachements table | |

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

# RCU45

The RCU45 is able to shred branches, wood, grass, and small shrubs, thanks to the different attachments with which it can be fitted. It is efficiently powered by the 44-hp Yanmar common rail engine with electronic fuel injection. The RCU45 can work on steep slopes of up to 55°. The heavy-duty undercarriage, featuring an automatic rubber track tensioning system, has been designed to operate under the most challenging conditions. The dual hydrostatic transmission makes it easier to manage both traction and the attachment.

### APP FAE

The FAE App can be used to manage various settings of the RCU45. It also allows users to reposition the vehicle if the remote control cannot be used, to monitor data in real time, to run diagnostics in the event of a component or system failure, and to receive scheduled maintenance notifications.

### 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

The heavy-duty undercarriage, featuring an automatic rubber track tensioning system, has been designed to operate under the most challenging conditions, guaranteeing unbeatable traction even on steep slopes of up to 55°.

### STEEL TRACKS

(option)

## STANDARD EQUIPMENT

| | |
|---|---|
| Engine YANMAR 3TNV86CT Turbocharged | High-profile rubber tracks and bogie roller system |
| DOC/DPF/SCR after-treatment system | Combined aluminum cooler with anti-clogging fins |
| Hydrostatic tracks transmission | Proportional and reversible radiator fan |
| Hydrostatic attachments transmission | Ergonomic joysticks |
| Auxiliary hydraulic circuit for attachments | 4.3" LCD color display on remote control unit |
| RCU45 attachment plate | Double remote control battery and on-board battery charger |
| Load Control System | LED working lights |
| Floating System | |

## OPTIONS

| | |
|---|---|
| Rear electic recovery winch | Bio-oil |

44 hp

### PROFESSIONAL REMOTE CONTROL

The ergonomic remote control with a large 4.3" display makes it easy to manage all vehicle and head functions. User-customizable function keys. 2.4 GHz transmission frequency.


### SELF-CLEANING RADIATOR

The combined aluminum radiator with anti-clogging fins is paired with a proportional and reversible fan with hydraulic control, in order to keep the radiator clean and efficient at all times, consistently maintaining peak performance and reducing the need for upkeep.

| TECHNICAL DATA | | RCU45 - Tier 4 Final / Stage V |
|---|---|---|
| **Engine Gross Power** | | 44 hp |
| **Engine Emission** | | EPA Tier 4 Final - EU Stage V |
| **Hydrostatic closed loop circuit** | | Max Pressure 290 bar |
| **Attachment closed loop circuit** | | Max Flow 62 L/min - Max Pressure 290 bar |
| **Open Loop** | **AUX 1** | Max Flow 20 L/min - Max Pressure 150 bar |
| | **AUX 2** | Max Flow 30 L/min - Max Pressure 150 bar |
| **Lifting Capacity** | | Max 450 Kg @ center of gravity position: Height 270 mm from the ground level / Length 350 mm from the attachment plate / Width on RCU central axis |
| **Hydraulic Oil Tank Capacity** | | 25 L |
| **Fuel Tank Capacity** | | 31 L |
| **Rubber Track** | | 72 mm Pitch - 250 mm width - High profile |
| **Lower Rollers** | | 4+ 4 HD style - Double flange |
| **Front Idler / Tensioning Group** | | Single flange idler - Automatic tensioning system |
| **Voltage** | | 12 Volt |
| **Max Forward Speed** | | 4,9 Km/h (L mode); 7,5 Km/h (H mode) |
| **Max Reverse Speed** | | 4,9 Km/h (L mode); 7,5 Km/h (H mode) |
| **Gradeability** | | 55° - All directions |
| **Operating Weight** | | 1820 Kg (std equipment, standard rubber tracks / tilting towing winch) |
| **Ground Pressure** | | 0,26 Kg/cm² (std equipment / standard rubber tracks / BL0/RCU45-125) |

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