

TRIMMERS PRE-PRUNERS MULCHERS

For fitting on straddle tractors



Coup  *éco*
Viti

EXCELLENCE & EXPERTISE

Hydraulic trimmers

Modul R

2 half-rows • 2 rows



RC170 - RC 200

Fitting on straddle tractors, 3 wheels 2 half-rows • 2 complete rows



Strong points

- ✦ Fixed multi-position chassis (250 mm stroke)
- ✦ Independent hydraulic raising of the front 1/2 rows (400 mm stroke)
- ✦ Independent hydraulic positioning of the front 1/2 rows (300 mm stroke) between the front flails of 600 to 1200 mm
- ✦ Mechanical adjustment of the horizontal cut height (stroke 200 mm)
- ✦ Safety of front vertical cuts
- ✦ tilt of front and rear vertical cuts
- ✦ 1.20 m vertical cut, 3 500 mm dia. blades (standard version)
- ✦ Fixed 0.80 m top cut, 2 500 mm dia. blades
- ✦ Provide 1MA and 4DE for hydraulic control
- ✦ Removal stand



RC170 installed on a chase

Toughness, reliability and modularity

1 row • 2 rows



RE 100

1 row

Strong points

- ✦ Manual row width adjustment (hydraulic option)
- ✦ Manual positioning for topping (hydraulic option)
- ✦ Optional adjustable top cut
- ✦ Adjustable vertical cut angle
- ✦ **MP4** or **MP5** tool holder mounting



RE 200

2 rows

Strong points

- ✦ Manual row width adjustment (hydraulic option)
- ✦ Manual positioning for topping (hydraulic option)
- ✦ Manual adjustment between rows, 2x200 mm (hydraulic option)
- ✦ Topping valve
- ✦ Optional adjustable top cut
- ✦ Adjustable vertical cutting angle
- ✦ **MP4** or **MP5** tool holder mounting

Technical specifications

Model	Configuration	Zinc plated steel pruning blade	Arcor T Gliss pruning blade	Safety of vertical cuts	Mecha/ hydr adjustable top	110cm vertical cut	120 cm vertical cut	150 cm vertical cut	Positioning for topping	Topping valve	Hydraulic positioning	Removal truck
RC 170		●	○	●	●		●	○			●	●
RC 200		●	○	●	●		●	○			●	●
RE 100		●	○	●	○	●	○	○	●	●	○	●
RE 200		●	○	●	○	●	○	○	●	●	○	●
RE 270		●	○	●	○	●	○	○		●	●	●
RE 300		●	○	●	○	●	○	○			●	●
RE 400		●	○	●		●	○	○			●	●

● Standard

○ option

1 row + 2 half-rows • 3 rows • 4 rows



RE400

4 rows

Strong points

- ✦ Hydraulic inter-row spacing for vines, 0m90 to 1m20
- ✦ Hydraulic folding of the outer rows with automatic shutdown of the folded row
- ✦ Operation possible in 2 rows, 3 rows or 4 rows simply by folding
- ✦ Unrestricted central vision from the driving position in all configurations
- ✦ Vertical cut safety devices
- ✦ Manual row width adjustment
- ✦ Adjustable vertical cutting angle
- ✦ 1.10 m vertical cuts, 3 500 mm dia. blades
- ✦ Horizontal cuts, 2 500 mm dia. blades
- ✦ Fast removal on a truck with rollers,
- ✦ **MP5** tool holder mounting

RE270

1 row • 2 half-rows



RE300

3 rows



Strong points

- ✦ Hydraulic opening of the outside rows
- ✦ Vertical cuts of 1.10 m, 3 500 mm dia. blades
- ✦ 0.80 m horizontal cuts, 2 500 mm dia. blades
- ✦ Vertical cut retraction safety device
- ✦ Manual row width adjustment
- ✦ Manual tilting of vertical cuts
- ✦ **MP5** tool holder mounting (elevator)
- ✦ Removal on a truck with rollers

Strong points

- ✦ **MP5** tool holder mounting
- ✦ Vertical cut safety system
- ✦ Hydraulic opening, 2x500 mm
- ✦ Hydraulic adjustment of the horizontal cut
- ✦ height Topping valve
- ✦ 1.10 m vertical cuts , 3 500 mm dia. blades
- ✦ Top cuts fixed at 0.80 m, 2 500 mm dia. blades
- ✦ Manual row width adjustment
- ✦ Vertical cut angle adjustment
- ✦ Removal stand with rollers

Off-ground mulchers and mulching mowers

Designed to last



BSH off-ground mulchers

Chassis unit

- Compact body made from 5mm thick high-quality steel,
- 8mm thick sides,
- Rotor drive by 3 belts, rotation speed 1,900 rpm,
- Pick-up drive by chain, rotation speed 140 rpm,
- Pick-up with 150 mm CREUSABRO steel teeth for exceptional wear resistance,
- Access to the rotor by the top of the mulcher.

Safety

- Discharge grille providing calibration of the mulched prunings,
- Made in France with regular quality checks on the components.

Mulching and transmission components

- 1.3 kg hammer rotors on 4 generators, on a 140 mm dia. tube, thickness 8mm,
- Speed 1,800 rpm,
- Hammer wear almost non-existent,
- Large pick-up opening allowing entry of large quantity of vine wood without clogging or jamming,
- Mulchers factory tested prior to delivery.

Strong points

- ✦ Mulching chamber design for very high productivity and a perfect result
- ✦ High strength steel pick-up for smooth collection without clogging
- ✦ Zinc plated steel side cheeks to channel the flow of prunings
- ✦ No protruding edges

BHH mulching mowers

Chassis unit

- Compact body made from 5mm thick high-quality steel, with compact height and depth
- 8mm thick sides,
- Rotor drive by 3 belts, rotation speed 1,900 rpm,
- Height adjustable skid shoes,
- Height adjustable roller.

Safety

- Zinc plated steel movable anti-projection flaps
- Made in France with regular quality checks on the components.

Mulching and transmission components

- Versatile 140 mm dia. rotor accepting 3 types of tool. The heels welded to the rotor are rounded for fluidity
- The shackle-paddles are fitted to a special rotor for perfect mowing,
- Clearance height of the mulching chamber 30 cm minimum (depending on the height of the shoes) allowing entry of a large quantity of vegetation or vine wood without clogging or jamming,
- Mulchers factory tested prior to delivery.

Strong points

- ✦ Large diameter of the mulching chamber
- ✦ 30 cm throat opening allowing a large volume of the vegetation to pass.
- ✦ A perfect mowing result even at high linear speeds
- ✦ Hydraulic drive available for 90l/min, 70l/min and 55l/min (factory)
- ✦ Depth roller
- ✦ Adjustable skid shoes

Pre-pruners

Efficiency, flexibility and speed



Diamant pre-pruners

On high-clearance carriers

The COUPECO VITI Diamant pre-pruner represents a technological advance that is successful both by its robust and uncluttered design, and by its **on-board technology**.

Its optional system of automatic opening by physical detection of the stake (wood, metal or plastic) is both simple and totally configurable.

The electronic unit control in the cab enables **remarkable adjustment around the stake**, in one or two rows, in a totally autonomous and independent manner.

The new damped opening kinematics opening provide **flexibility** and exceptional **speed**.

The principle used in the COUPECO VITI Diamant pre-pruner provides

optimum performance in any type of vineyard.

The system of single and double discs enables a **clean cut** and **cleaning of the trellising**, thus guaranteeing an **impeccable result** whether on full vegetation or bare wood.

The contoured design of the components of the COUPECO VITI Diamant in contact with the vine avoids entanglement with the wires and allows the head to **cut closer to the vine stock** without damaging the prunings.



Strong points

✦ Perfect trellis cleaning:

- Cutting by double discs (a COUPECO VITI patent)
- Single cutting discs
- Adjustable cutting height

✦ Simple and efficient hydraulic applications:

- Limited hydraulic requirement
- Protection of the components

✦ Respect for the vineyard:

- A clean cut nearer to the vine stock
- Respect for prunings

