




Double Rotor Bed Former Shaper

CULTI - MASSANO DRL

 For tractors
from 40 to 80 Hp

 Working depth
max 20 cm

 Working width
from 125 to 185 cm

FUNCTIONALITY AND USE

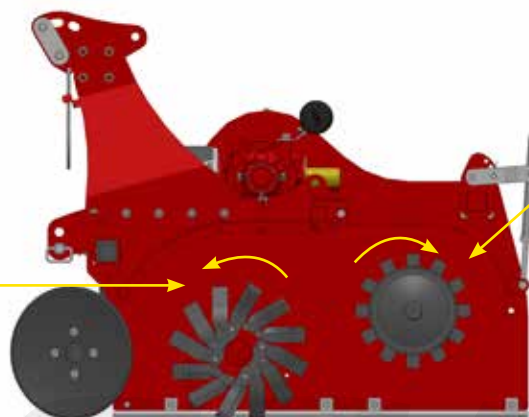
The DRL double rotor bed former shaper works the soil using a combined system of blades and tines, ensuring optimal preparation for sowing and transplanting. The front rotor, equipped with special blades, tills the soil deeply without altering its natural structure, improving water and nutrient absorption. The counter-rotating rear rotor, with steel tines, further refines the soil, levels the surface, and redirects larger clods to the front rotor for a second pass, ensuring uniform consistency.

This combination produces soft, well-aerated soil, improving structure and promoting root development. Optimal levelling ensures even sowing and more efficient irrigation, reducing the risk of waterlogging. Additionally, the removal of debris and plant residues creates a more favourable environment for crop growth. The DRL guarantees fast and efficient soil preparation, enhancing yield and quality in vegetable crops.



KEY FEATURES THAT MAKE THE DIFFERENCE

Culti rotor ideal for breaking up clods without creating a hardpan.



Counter-rotating rear rotor for surface clod refinement.

STANDARD EQUIPMENT:

- ▶ Universal 3-point hitch cat. 2
- ▶ Frontal linkage cat. 2
- ▶ Single-sheet frame made of high-strength steel
- ▶ Single-speed central gearbox P.T.O. 540 rpm
- ▶ Rotor bearing supports with double sealing
- ▶ Reinforced Heavy Duty SKF spherical roller bearings
- ▶ Rotor blade speed 265 rpm
- ▶ Side transmission by chain type ASA 120 HE for front rotor
- ▶ Front CULTI rotor with 4 blades per flange
- ▶ DRL-type blades (Flat 40x8 mm)
- ▶ Side transmission by chain type ASA 100 HE for rear rotor
- ▶ Rear rotor Ø 360 mm with Hardox 400 steel tips
- ▶ Pair of front discs Ø 410 mm, adjustable in height and width
- ▶ Adjustable rear bed former shaper with spring dampers
- ▶ Stabilizer wheels kit
- ▶ Anti-wearing rods for side plates protection
- ▶ Cardan drive shaft with safety bolt 1" 3/8 Z6
- ▶ Safety devices according to EU regulations

OPTIONAL EQUIPMENT

- ▶ Frangiter rotor
- ▶ Short bed former shaper kit
- ▶ Long bed former shaper kit
- ▶ Cardan drive shaft with automatic clutch
- ▶ Hydraulic working depth adjustment
- ▶ Rear hydraulic connection for seeder
- ▶ Expanded metal rear roller kit Ø 360 or Ø 420 mm with internal spiral
- ▶ Smooth rear roller kit Ø 355 mm
- ▶ Hydraulic motorised rear roller kit with cones
- ▶ Plastic plate for scraper of rear roller

SPECIAL EQUIPMENT

- ▶ Blades with wear-resistant coating
- ▶ Custom bed former shaper kits
- ▶ Different rear rollers on request
- ▶ Fertiliser spreader kit
- ▶ Drip irrigation tape unwinder
- ▶ Mulching film layer kit
- ▶ Wear-resistant coating for bed former shaper kit
- ▶ Hydraulic side markers
- ▶ Marker wheels
- ▶ Automatic working depth control
- ▶ Tractor-side yoke options
- ▶ Custom colour

TECHNICAL FEATURES

| Model | | DRL 125 | DRL 145 | DRL 165 | DRL 170 |
|---------------------------------|------------|---------|---------|---------|---------|
| Tractor power | min/max Hp | 40-80 | 45-80 | 50-80 | 60-80 |
| Working width | cm | 125 | 145 | 165 | 185 |
| Overall width | cm | 165 | 185 | 205 | 225 |
| Beds | Nr. | 1-2 | 1-2 | 1-2 | 1-2-3 |
| CULTI flangesl | Nr. | 13 | 15 | 17 | 19 |
| Total CULTI blades (4x) | Nr. | 52 | 60 | 68 | 76 |
| Frangiter flanges (Nr.) | Nr. | 9 | 10 | 11 | 12 |
| Total Frangiter blades (6x) | Nr. | 54 | 60 | 66 | 72 |
| Weight in standard configuratio | Kg | 800 | 840 | 885 | 920 |

Basic configuration: Culti rotor with 4 blades + wheels + side discs.

Data refer to the machine without optional equipment. Weights and dimensions in the table are indicative and non-binding.

