

VELOCE

Surface disc cultivator



VELOCE

VELOCE - fast in name and fact!

VELOCE is a lightweight disc assembly ideal for managing crop residues and refining the land to prepare the seed bed and bury liquid fertilizer. Thanks to 800 mm of rank spacing, optimal soil flow is assured in every working condition.

MODELS AVAILABLE



Mounted, fixed frame

Fixed frame versions are available measuring 2.5 to 4 m. Hydraulic adjustment of the standard roller makes it easy to achieve the correct work depth. Effective on the soil and efficient in the open field, they ensure optimal production capacity and reduced consumption thanks to high speed operations of up to 15 km/h.

VELOCE	Tractor power HP	Working width (cm)	Transport width (cm)	Working depth (cm)	Nº discs (Ø - n)	Weight (kg)*
200	65-75	185	200	3 - 10	510 - 14	1145
250	80-90	250	255	3 - 10	510 - 20	1480
300	100-110	300	300	3 - 10	510 - 24	1665
350	120-130	350	345	3 - 10	510 - 28	1835
400	140-150	400	405	3 - 10	510 - 32	2005

* with cage roller



Mounted, folding frame

Folding models available from 4 to 6 m with hydraulic roller work depth adjustment are an optimal compromise between compactness and work capacity (up to 6 metres!).

VELOCE MOUNTED	Tractor power HP	Working width (cm)	Transport width (cm)	Working depth (cm)	N° discs (Ø - n)	Weight (kg)*
400	120-160	400	300	3 - 10	510 - 32	2690
500	150-200	500	300	3 - 10	510 - 40	3065
600	180-240	600	300	3 - 10	510 - 48	3380

* with cage roller



Semi-mounted, folding frame

The semi-mounted model is the version complete with transporter carriage for 5 to 7 metre versions. Convenient and easy to handle, it allows combination with less powerful tractors. Even greater freedom of movement means that the disc set can better follow the profile of the land to ensure optimal working.

VELOCE SEMI-MOUNTED	Tractor power HP	Working width (cm)	Transport width (cm)	Working depth (cm)	N° discs (Ø - n)	Weight (kg)*
500	160-220	500	300	10	40	6450
600	200-260	600	300	10	48	6900
700	240-320	700	300	10	56	7350

* with double U roller

Versatility at the highest levels

Multiple advantages for every need

Thanks to its impressive versatility and sturdiness, VELOCE can be used in any situation: from working stubble on hard ground to burial of the cover-crop and refining the land after ploughing to ensure versatility all year round.

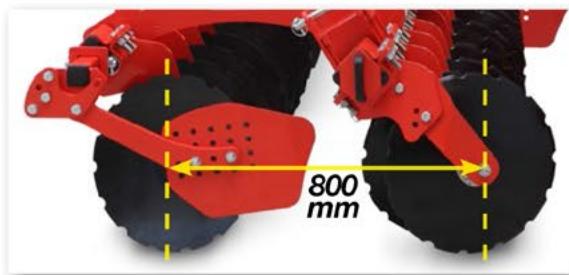


Depth management

The front of the machine has a plate with a graduated scale clearly visible from the cab of the tractor that continuously indicates the depth at which the machine is working, thereby improving operator comfort.



Zone 1



Zone 1

The two 510 mm rows of discs mean that the soil profile can be worked to a depth of 10 cm.

The distance between the two rows has been increased to 800 mm to ensure optimal soil flow even in the presence of residues, thereby allowing work-speeds of up to 15 km/h while perfectly mixing the soil and the residues.

No imperfection

A new solution has been developed to improve lateral refining in tillage work: a square guard in place of the classic disc. It is easy to set and ensures complete retention even when large amounts of residue are involved. If the right settings are made before commencing work, no line or furrow will be seen between one pass and the next.



Hydraulic setting

The work depth is adjusted by the rear roller by means of an hydraulic system managed by the operator comfortably from the cab of the tractor even during the task itself, thereby making continual variations possible.



Zone 2

Zone 2

The land worked by the two rows of front discs is compacted by the rear roller to ensure the best conditions for uniform sowing.

Thanks to the huge range of rollers available, a solution for every type of land is within easy reach.

Effective discs

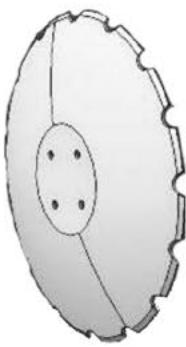
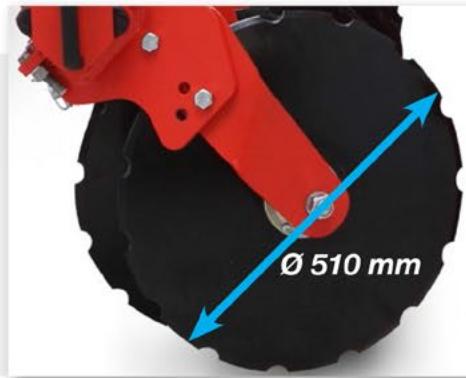


Compact work front

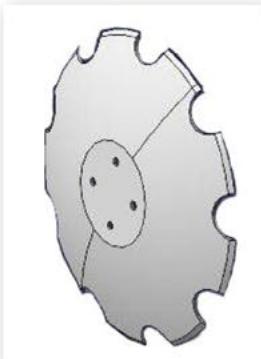
The discs are mounted on independent suspensions and are spaced by 25 cm as well as staggered over the two rows to provide a very aggressive work front that at the same time ensures optimal flow of soil and/or residue in very work condition.

Oversized discs

VELOCE discs are in high-strength boron steel to ensure the least possible wear even on tenacious ground. The 510 mm diameter ensures a work depth of around 10 cm that is ideal for burying residues as well as refining clods. Reduced convexity ensures great soil penetration simplicity on a par with the power absorbed.



Disc with 15 teeth
Ideal for surface refining of the land and seed bed preparation.



Disc with 9 teeth
Very aggressive and incisive. Ideal for surfaces rich in residue.



AGRIHUB - cutting maintenance levels!

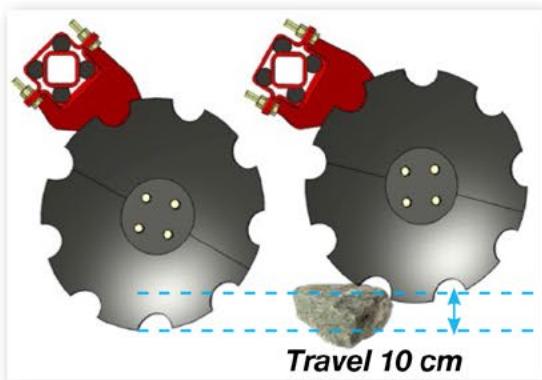
The hubs on each disc are hinged on special spherical bearings. The bearing is protected against dust, mud and dirt by a special gasket and a bolted cover to ensure maximum reliability. The hub is designed to ensure the best Performances and minimal maintenance: there is no need to grease the individual discs at regular intervals!

No compromises

To ensure maximum work quality above and below the surface, every disc is mounted on its own support with a "Silent Block" shock absorber.

Designed in the tiniest detail

The disc support is designed to facilitate maximum soil flow inside and outside the disc, especially at high speeds. The slightly curved shape improves absorption of roughness for even better working stability.



Silent block

Optimal compromise between compactness, weight and performance, every VELOCE disc has a specific Silent Block shock absorber system: The 4 high strength rubber cylinders absorb flexibility to ensure stiffness across the entire set of disks and thereby the capacity to absorb land roughness. This system does not require any kind of maintenance and greasing.

Select the roller best suited to your farm



Ø 600 mm



Ø 560 mm

Ring roller and U roller

These roller models offer maximum in-use versatility, especially on wet land that has to be levelled and consolidated without excessive compaction. Compact bands alternating with unworked bands are created on the ground that encourage the exchange of air and water while avoiding the formation of surface crusts or stagnant water.



Ø 600 mm

Cage roller

Ideal for dry ground, providing good refining and surface levelling. The Ø 600 mm diameter is ideal for reducing excessive clods. The limited weight reduces the rear overhang for better hook-up with lightweight tractors.



Ø 600 mm



Ø 600 mm

Rubber roller

Ideal for dry and even heavy ground; helps develop an optimal seed bed by creating a compact surface stratum. The moisture in the soil is trapped and allows rapid germination of the crop. It is especially indicated for sowing cereals with 12.5 cm rows.

PACKER ROLLER

Ideal for dry and even heavy ground; the Packer roller helps develop an optimal seed bed by obtaining a compact surface stratum. After the pass, the soil retains moisture to promote rapid germination of the crop.



Multi-purpose scattering

For sowing coverage crops in a single pass or to integrate nutrients, Maschio Gaspardo offers the application of a scatter sowing kit. The hopper (400, 500 and 600 litres) ensures reasonable work autonomy and - thanks to the rear access ladder - refilling is fast and safe. An interchangeable roller distributor is placed under the hopper to spread seeds or fertilizer.

The electric or hydraulic doser can dialogues with the tractor's GPS for automatic dosing control.

On-road transport (3 metre version)

The outermost pairs of discs can be folded inwards during transport to ensure that the equipment lies within on-road circulation limits. This solution was necessary in order to allow an effective working width of 3 metres.



On-road transport (folding versions)

For on-road transport, mounted and semi-mounted versions are fitted with hydraulic frame locking for an overall width of just 3 metres.