

MASCHIO



MODERN STUBBLE CULTIVATION

TODAY RESIDUES MANAGEMENT HAS THREE MAIN FUNCTIONS:

- **Residue incorporation**

Residues mixing on top soil at 5 - 10 cm depth promotes residues decomposition and nutrients release. While conventional discs just size residues, VELOCE chops pulverizes and incorporates them at shallow depth.

- **Soil structure restoring and field conditioning**

In relation to conventional discs, VELOCE preserves soil structure. It also increases organic matter content in superficial soil layers, creating an ideal environment for soil bacteria. This tillage operation covers 50-60% of residues while 40-50% are left on the top preventing from erosion and improving water retention.

- **Weed control**

To achieve maximum yield potential it is necessary to get rid of weed competition and VELOCE does a great job reducing it.



MASCHIO - VELOCE

A COMPLETE RANGE OF SPEED DISC

MASCHIO offers a full range of rigid and folding units. VELOCE mixes soil and residues at depths up to 10 cm. The 520 mm discs with their inclination and concavity allow to get the depth and to move much more dirt than conventional discs. VELOCE can replace a conventional disc, field cultivator and rolling straw chopper all at once.



FRAME SIZE 10 X 10 CM



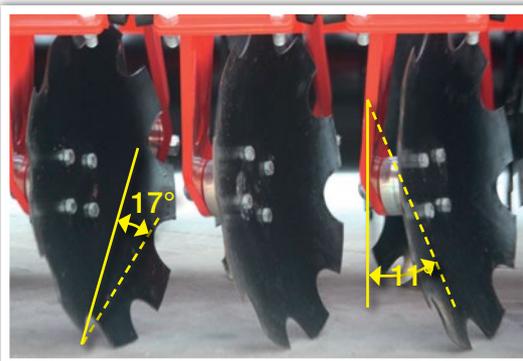
PERFECTLY DESIGNED DOWN TO THE LAST DETAIL!



Extreme precision

The perfect overlapping between front and rear gangs allows consistent soil mixing with no side drift.

The frame clearance (52 cm) and the wide distance between gangs (80 cm) improve stubble incorporation with low fuel consumption.



Aggressive inclination

The 17° disc angle ensures a continuous flow of soil and residues from front to rear gang avoiding bulldozing and clogging.



Large and concave

VELOCE hard tensile boron steel discs have a diameter of 520 mm with a 5 mm thickness. The discs ensure an extremely effective mixing of soil and crop residues even the toughest ones. Working time is shorter also with large amounts of trash.



Rear containment deflector

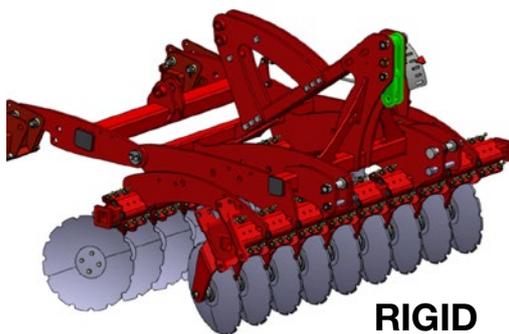
All VELOCE units can be equipped with telescopic containment deflectors. They can be set in rigid or floating mode, to improve lateral refining in tillage work.

The deflectors can be mounted at different heights to accomplish all possible agronomic needs.

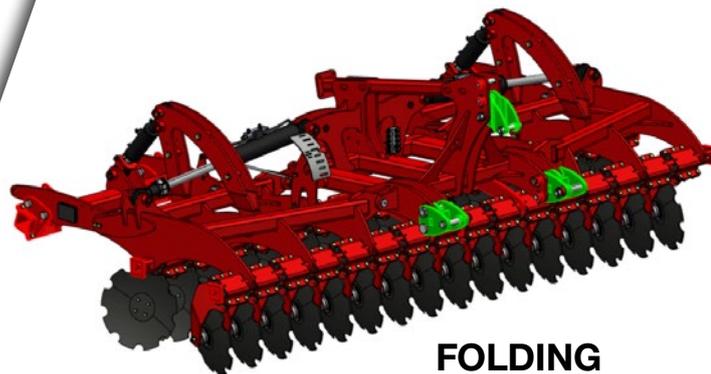


Quick matching!

The three point hich adaptor for tractors with quick hitch frame is available as an option for easy and safe hook-up.

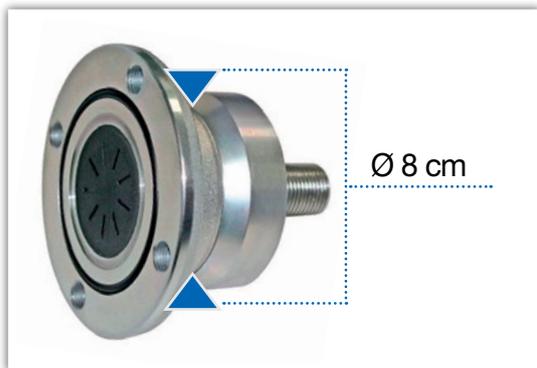


RIGID



FOLDING

LONG LASTING PERFORMANCE MAINTENANCE FREE!



Agrihub

VELOCE disc hubs are fitted with special 2-rows angular contact bearings. The sealed hub external screwed cap and the water proof sealing system ensure total protection against dust, dirt and moisture. The hub is designed to enhance performance and it is maintenance free: no need to pump grease!



Individual discs

Each disc is individually suspended on frame by SILENT BLOCK shock absorbers, high quality product by a Swiss producer, to prevent from damages when hitting against obstacles. The four large dimension rubber torsion rollers are maintenance free and make the discs follow ground contours on all working conditions, even on very uneven ground surface. They allow to work and fill up tracks ensuring consistent tillage depth all across working width.



Simple and precise adjustments

The rear roller stabilizes the machine while working and sets the working depth. The adjustment of the working depth takes place by means of a mechanical jack which ensures a better stability compared to the pin adjustment.



Optional hydraulic adjustment

The hydraulic roller adjustment improves operator comfort and enable on the go adjustment of the working depth. The gauge indicator gives instant information of the working depth setting.



ONE PASS COMBINATION

COVER CROP SEEDING

The B-DRILL option can be mounted on FIX and FOLDING mounted versions of VELOCE. The air drill with broadcast seed distribution is ideal for cover crop and grain seeding.

The seeding metering unit can be equipped with two different dosing rollers for small and large seeds (peas, beans,...). The 200 l hopper comes with 8 outlets and the 500 l with 16 outlets.

A platform and steps makes easy the seed hopper loading process. A control box comes as standard and enable seed rate adjustment and easy calibration.

Transmission electric or hydraulic (8 or 16 outlets). Seed can be distributed proportionally to tractor speed (cable or radar or GPS). Isobus solution available too.



VELOCE

RIGID FRAME

COMPACT AND STURDY

The VELOCE mounted version goes from 200 to 400 cm. The extremely sturdy 10 x 10 cm frame and headstock fitted with high tensile steel third point allow to equip the unit with the heaviest finishing rollers and mount rear attachments as drills. VELOCE mounted version requires a lower lifting capacity reducing HP requirement (from 65 to 150 HP).



FOLDING FRAME

THE PERFECT CHOICE FOR LARGE FARMS

Folding VELOCE can be mounted or pull type, with hydraulic folding frame and working widths from 400 to 600 cm. The pull type design takes the load off tractor insuring safe transport with a narrow 300 cm transport width. The rear cart is fitted with large wheels 500/45 22.5 positioned between discs and rear roller. Frame folding/unfolding, wheels lifting/lowering down are all hydraulically operated from tractor cab. Semi-mounted version is fitted with an heavy duty two point hitch (3° ISO) which makes hook-up easy and gives great maneuverability on field. Drawbar option is available as well.



THE RIGHT FINISHING ROLLER FOR YOUR CONDITIONS

DIFFERENT ROLLERS FOR PERFECT TILLAGE



Cage roller (ext. Ø 450 mm)

It is used on loamy dry soils and in not excessively wet conditions. It guarantees an excellent preparation of the seed bed in normal condition soils. The height adjustment is made through a very simple pin system.



Ring roller (ext. Ø 600 mm)

This roller is particularly suggested for not wet sandy-loamy soils. It's action brings surface soil to good enough clod size for other operations.



U roller (ext. Ø 560 mm)

Is used particularly for autumn tillage of wet soils, to break up further surface clods and to ensure optimum soil compaction of soil. The U rings can pick some mud but don't get stuck.



Ring packer roller (ext. Ø 600 mm)

The ring packer roller has an aggressive profile that crushes clods and sub-consolidates the soil.

The "V" profile of each ring does an effective deep soil pressure keeping the surface soft. The heavy duty scraper bar enables to work in any soil condition including sticky-wet clay.

ORCHARD APPLICATIONS



The rigid model can match a wide roller with special deflectors that ensures the maximum soil leveling, ideal for almonds and nuts cultivations. A smooth roller is also available, it ensures a perfect leveling of the surface that simplifies harvesting operation.





RIGID VELOCE			(1)	(2)				
	kW	HP	cm	cm	n°	Ø mm	cm	Kg
200	48-55	65-75	185	203	15	520	10	1061*
250	59-66	80-90	250	255	20	520	10	1480*
300	73-80	100-110	300	300	24	520	10	1665*
350	88-95	120-130	350	345	28	520	10	1835*
400	102-110	140-150	400	405	32	520	10	2005*

FOLDING VELOCE			(1)	(2)				
	kW	HP	cm	cm	n°	Ø mm	cm	Kg
400 M	88-118	120-160	400	300	32	520	10	2690*
500 M	110-147	150-200	500	300	40	520	10	3065*
600 M	132-176	180-240	600	300	48	520	10	3380*
500 SM	118-160	160-220	500	300	40	520	10	5620**
600 SM	147-190	200-260	600	300	48	520	10	7012**
700 SM	176-236	240-320	700	300	56	520	10	7471**

(1) Working width / (2) Transport width / * with Cage roller / ** with Double U roller
 M = Mounted version SM = Semi Mounted version

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