

CultiDISC LT CultiDISC LT Motion CultiDISC PRO Motion

Mixing & cultivation in high speed



VOMER
your farming equipment

“It all starts with a Good Preparation of the Land”

A good harvest begins with a good soil preparation, at Vomer we have been designing and manufacturing tillage equipment with the same passion as the first day, over 40 years, evolving from traditional work to new trends in mini-tillage.

Currently the Vomer brand is a benchmark in soil preparation and we work every day to maintain the levels of performance and reliability that the farmer demands.

“Technology and Design Capability”

The new sustainable agriculture requires new technologies, new developments and energy savings. At Vomer we put all our knowledge acquired in our history at the service of the farmer. Our technological capacity and innovation are reflected in designs and solutions that are separated in many cases from the market standard. Designs that seek a higher yield and a greater added value to the product, which the farmer

can appreciate from the first moment.

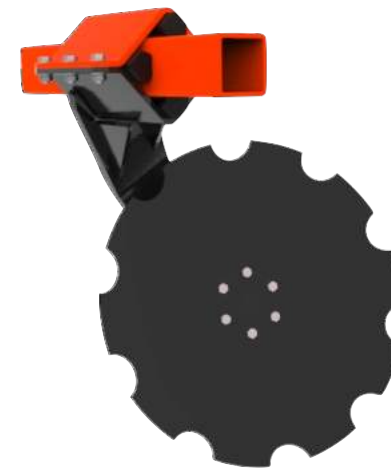
The work of the design department is completed with the construction of prototypes, which provide us with valuable data on the work capacity and behavior of our teams before marketing. In this way we can ensure satisfactory final results.

The joint work with experienced farmers, helps us to know the user experience, concerns and needs, forming the most important pillar in the development of our products.

With the introduction of the VomerDemo program, in which farmers can test new models, we can collect data on usability, wear, maintenance, etc ...

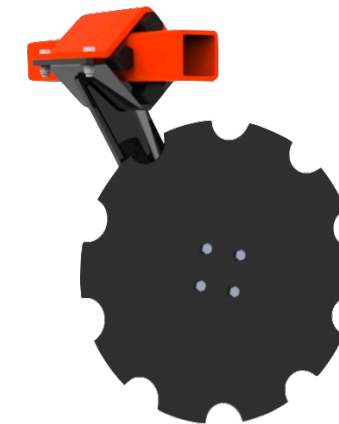
“Quality and Reliability”

Each tillage equipment that leaves our factory must be a representation of the Quality and Reliability associated with the brand, so the manufacturing process must adapt to these demands, meeting the required quality standards. Every Vomer tillage equipment should be an exponent of our commitment to the farmer.



PRO

28" (720mm)
Disc
22cm
Depth



LT

22" (570mm)
Disc
17cm
Depth

HIGH SPEED TECHNOLOGY AND HIGH RELIABILITY FOR STUBBLE CULTIVATION AND SEEDBED PREPARATION

CultiDISC

The Vomer CultiDISC disc cultivators represent an alternative to traditional cultivators both in first work and in preparation for planting. Designed for a high speed of work, they allow to carry out at the right time the first works or the preparation of sowing. Unlike traditional cultivators, the CultiDISC allows continuous work, without stop to change points. In preparation for sowing, it achieves a uniform and porous finish of the soil, which favors the absorption of moisture and an improvement in the rooting of the plant. In superficial work on stubble, it mixes and effectively incorporates the earth and the residues in order to favor its decomposition.

Vomer has designed two disc systems of compact disc harrows depending on the work, to satisfy the needs of all customers. The CultiDISC PRO allows for works at greater depths and with high number of superficial residues. On the other hand, the CultiDISC-LT, equipped with smaller discs, allows for a greater cut capability as the discs turn at a greater speed.

MAIN APLICATIONS

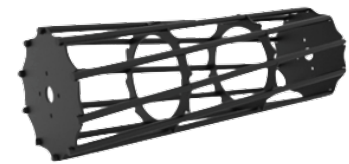
- Preparation in soils with great number of crop residues and stubble.
- Superficial residue mixing up to 22cm of depth
- Superficial tasks previous to the direct sowing. Substantially reducing the usage of chemical substances for the control of non-desired plants
- Preparation of the seedbed previous to the work of the plough.
- Mixing fertilizers.



COMPACTION & RECONSOLIDATION

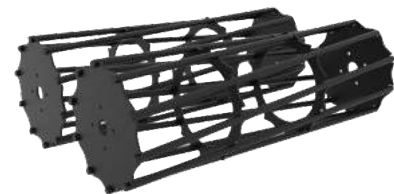
The ultimate goal of using a Vomer disc cultivator is to perform a final reconsolidation. To offer the best reconsolidation and compaction conditions, the range has been designed for the use of rear packers. The packers compact and preserves moisture, improving crop performance. It is important to choose the right packer for the working conditions. Heavy packers transfer more weight to the ground, and if it has an aggressive (pointed) profile it is more suitable for crushing and working in heavy soils, making a deeper compaction. The longitudinal compaction provided by packers with rings, usually offers more satisfactory results in the long term.

*VOMER incorporates SHOX technology in trailed equipment. A system that allows the packer to cushion and adapt to uneven ground. A great advantage in compaction work (only with the roller) or when working together at high speeds, adding stability and a more uniform compaction. Exclusive Vomer for high compaction packers.



CAGE J

Rodillo de barras configurado en jaula
Bar roller configured in cage Ø 400, 500 or 650 ** mm.
Consolidation: Horizontal.
Compaction: Low
Conditions: dry and for soils with a low clay content.
Low weight.
* Standard on all models
** Motion only



TW CAGE

Double roller in Ø 500mm on an oscillating frame (not tandem) makes the compaction work very homogeneous.
Consolidation: Horizontal
Compaction: Medium - Low
Conditions: dry and for soils with a low clay content.
Weight: Medium - Low.



RAW

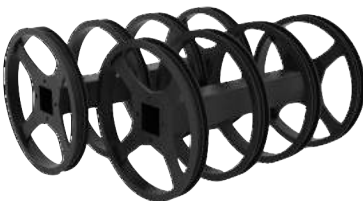
T-type ring packer in Ø600mm with micrometric adjustment knives. The ring with a T-profile cuts efficiently and at the same time consolidates "soil against the soil", leaving a cultivated area "open". Inter-disc the knives make a longitudinal cut and prevent debris from getting stuck between the discs. A cleaning element is also available. The individually replaceable knives and support design ensures low cost operation.
Consolidation: Longitudinal bands
Compaction: Medium
Conditions: dry and wet, on light and heavy terrain.
Middleweight.



SHOX*



SHOX*



Cambridge C530 (Only MOTION)

Oscillating ring roller in Ø530mm with good rolling power. The trapezoidal ring concentrates the weight on the tip, while the narrow, serrated type ring provides some cultivation capacity, while acting as a cleaning element.
Built-in SHOX system
Consolidation: Longitudinal
Compaction: Very High
Conditions: dry and wet on light and heavy terrain.
Weight: Very High

FLAT A750 (Only MOTION)

Flat roller in Ø 750mm with great rolling power that reduces the drag effect and consumption.
Built-in SHOX system and cleaning element as standard.
Consolidation: Horizontal
Compaction: High
Conditions: dry on light terrain. Great power to bury stones.
High weight

KORE (Solo MOTION)

Roller with U-shaped rings and Ø600mm configured in two adjustable alternate sections. The U profile is filled with earth, which achieves additional weight and minimal wear, leaving an superficie open 'surface, working' floor ".
Consolidation: Longitudinal bands
Compaction: Medium
Conditions: dry and wet, on light and heavy terrain.
Weight: Medium - High

LEVELING

After the intensive work of the disc cultivator the soil can become uneven, mainly derived from the turning and mixing performed by the discs. For this purpose, the Vomer disc cultivators of the DISC series can optionally incorporate a leveling harrow with leaf springs, with front or intermediate arrangement. The fully hydraulic adjustment ensures dynamic regulation in the field, without having to get off the tractor to make adjustments.

To avoid weed rooting after the roller compaction work, a rear conditioning harrow with springs can be incorporated, which also provides further refinement of the CultiDISC work in final tasks.

Front tools *Only MOTION models



FRONT Leaf Spring bar

Front bar with interchangeable Leaf-Spring suspended Flat Blades designed for a previous levelling works with hydraulic drive.

This type of levellers improves the effect of levelling thanks to the individual vibration, and decreases the catching of rocks and other residues by the blades.

Two position of the blades and its possible incorporate a longitudinal stabilizing bar.



FRONT XC Roller

Front Roller System designed for a cutting job in first works where it is necessary to lift, cut, crush and mix large amounts of residues and stubble prior to the work of the cultivator. The roller is mounted on flexible elements and incorporates replaceable transverse flat blades.
Hydraulic Drive.



TRACK ERADICATOR's

Front track eradicator system that reduces the effect of the tractor tyre marks before to the work of the Disc cultivator. Ideal for seedbed preparation work. It allows the placement totally elevated so that if it is necessary to cancel its work

* Only CultiDISC LT MOTION

Levelers



Leaf Spring bar

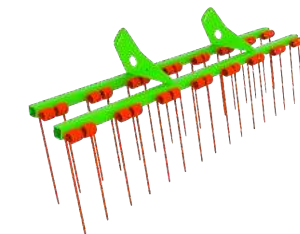
Intermediate bar with interchangeable Leaf-Spring suspended Flat Blades designed for a levelling works with hydraulic drive. This type of levellers improves the effect of levelling thanks to the individual vibration, and decreases the catching of rocks and other residues by the blades.



Leaf CUT Spring bar

Intermediate bar with interchangeable Leaf-Spring suspended Cut Blades designed for a levelling works with hydraulic drive. This type of levellers improves the effect of cut thanks to the shape of the cut blades and the individual movement.

Finishing tools (Harrow)



SPRING BAR

Harrow with Ø10 double spring tines, which work by their own weight, providing a uniform and refined final finish for sowing or subsequent work. They reduce groove differences, unify ridges, and prevent rooting of weeds.



SPRING RAKE (CultiDISC PRO)

Single spring tine harrow in Ø12, more rigid and aggressive than the tine harrow. Provides a uniform finish for planting or subsequent work in strong soils or with high weed rooting capacity.



28" DISC

- + Cutting
- + Mixing
- + Depth

CultiDISC PRO

Depth

Works with stubble and cut deeper without compromise

The CultiDISC PRO is a trailed cultivator with 72cm (28") discs. The use is intended for crops that require management and incorporation of large amounts of residues or stubble, especially corn, as well as working the entire surface layer, especially in first jobs.

In a single pass, we leave a completely mixed soil to a depth of 22cm, which favors the decomposition of the residues and creates a deeper layer of prepared soil.

Performance

Design with advantages

Designed with individual floating discs mounted on elastomers, it increases the penetration capacity and also each disc adapts individually to the ground, which translates into an advantage over one arm and double disc systems.

Its construction with the central wheels provides great maneuverability and optimal weight distribution, an advantage at high speed and greater depth.

The CultiDISC PRO design cancels out lateral forces and allows the cultivator to work straight behind the tractor, which gives us an advantage when working 100% of the terrain in GPS guided systems.

Reliability

Building for the professional farmer

Like all Vomer equipments, the CultiDISC PRO is designed with highly reliable components and high-strength steel.

Thanks to our component design and reliability, the goal of minimizing adjustments and free maintenance is perfectly achieved.

The oversized hubs guarantee continuous work without maintenance or breaks. The non-stop system on elastomers provides smoothness and the hydraulic depth control provides advantages in use season after season.

PRO



Stubble works

Spacious design and hubs with rear placement that facilitate the sliding residues and stubble on the surface of the disc, prevents blockages and damage to the hub. We have the advantage of being able to work with greater amounts of stubble and surface residues without jamming and improving the mixing effect. The cutting and tilting angles are optimized to the size of the disc and its position, improving the effect of penetration, cutting, mixing and incorporating.



Strong frame

Designed with an extremely robust and resistant frame, which ensures a long life of the equipment, even in continuous and hard work. The discs are adjustable laterally, in this way they ensure optimal cutting and uniform work throughout the life of the disc. Few greasing points reduce maintenance.



Higher capability

The Cultidisc PRO is built with one of the strongest arms in its class, which together with the aggressive vertical inclination of the discs, allow us a hardly comparable working capacity. The side discs ensure an optimal finish and the reduction of up to 50% of drags with stubble.



Compact & maneuverable

Centered wheels give more stability in high speed works

Central Depth control hydraulic

Articulated linkage

One arm - One Disc
Free maintenance hubs

Intermediate harrow

Different packers and levelers available

MOTION Platform

Available for the Cultidisc range, the MOTION series trailed equipment is characterized by the center position of the wheels and their central depth control. They offer better use of the power and capacities of the tractor, decrease of the weight on the rear axle, improvement in the road transport and increase of the productivity with a reduction of fuel consumption.

Up to **30%**
More reliability

Up to **20%**
Lower fuel consumption

The intermediate position of the wheels ensures a balanced distribution of weights, ensuring stability and avoiding the pitching of the equipment at work. The independent movement of the wheels offers great ease of handling in the field, allowing the equipment to be fully lifted when maneuvering or to relieve weight on the roller. In addition, the equipment can be completely suspended on the packer*, for compaction and maneuvering tasks.

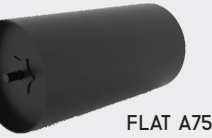
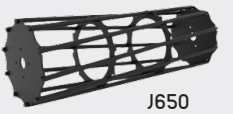
Central control of working depth, with a fast and precise drive, which greatly simplifies the choice of working depth.

Optionally, the road suspension system can be incorporated.

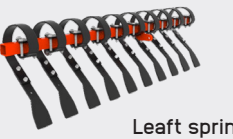
*Only for Cambridge 530 and Flat 750

Cultidisc PRO MoTion	FDT.40M	FDT.50M	FDT.60M	FDT.70M
Working Width (dm)	43	53	63	73
Transport Width (m)	3,00	3,00	3,00	3,00
Weight (Kg) *	5250	6150	6900	7800
Number of Discs	24	30	36	42
Disc Diameter (mm)	720	720	720	720
Tyre Size	445/50 R19.5	445/50 R19.5	550/45 R22.5	550/45 R22.5
Connection Lower Link	Cat. II/III - III	Cat. II/III - III	Cat. III - III/IV	Cat. III - III/IV
Connection Drawbar ISO 20019	Bulón Ø50	Bulón Ø50	Bulón Ø50	Bulón Ø50
Power Demands (HP)	180-250	230-300	270-350	300-400

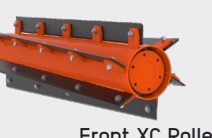
Packers



Leveling



Front Tools



Rear Harrow





22" DISC

- + Versatile
- + Reliable
- + Performance

CultiDISC LT

Depth

Cutting and mixing without compromise

The CultiDISC LT is a cultivator with 57cm (22") discs whose use is intended for crops that require the creation of a false seedbed, leveling of plowed soil, the incorporation of an intermediate crop or rupture of the superficial crust.

In a single pass we achieve a continuous incorporation, from 3 to 17cm, improving the start of crops, controlling the growth of weeds or the prevention of pests.

The diameter of the discs is adequate to increase the incorporation effect with lower power requirements.

Performance

Design with advantages

Designed with individual floating discs mounted on elastomers, it increases the penetration capacity and also each disc adapts individually to the ground, which translates into an advantage over one arm and double disc systems.

Its construction with the central wheels provides great maneuverability and optimal weight distribution, an advantage at high speed and greater depth.

The CultiDISC LT design cancels out lateral forces and allows the cultivator to work straight behind the tractor, which gives us an advantage when working 100% of the terrain in GPS guided systems.

Reliability

Building for the professional farmer

Like all Vomer equipments, the CultiDISC LT is designed with highly reliable components and high-strength steel.

Thanks to our component design and reliability, the goal of minimizing adjustments and free maintenance is perfectly achieved.

The oversized hubs guarantee continuous work without maintenance or breaks. The non-stop system on elastomers provides smoothness and the hydraulic depth control provides advantages in use season after season.



Cultidisc LT 40 MoTion Cambridge

Incorporation of crops residues

Spacious design and hubs with rear placement that facilitate the sliding of dirt and residues on the surface of the disc, prevents blockages and damage to the hub. The cutting and tilt angles are optimized to the size of the disc and its position, improving the effect of penetration, cutting, mixing and turning.

We have the advantage of being able to work with stubble and surface residues without jamming and improving the mixing effect thanks to the mayo

Strong frame

Designed from scratch with a very robust and resistant frame, it ensures a long life of the equipment, even in continuous and hard work. Few engraving points reduce maintenance.

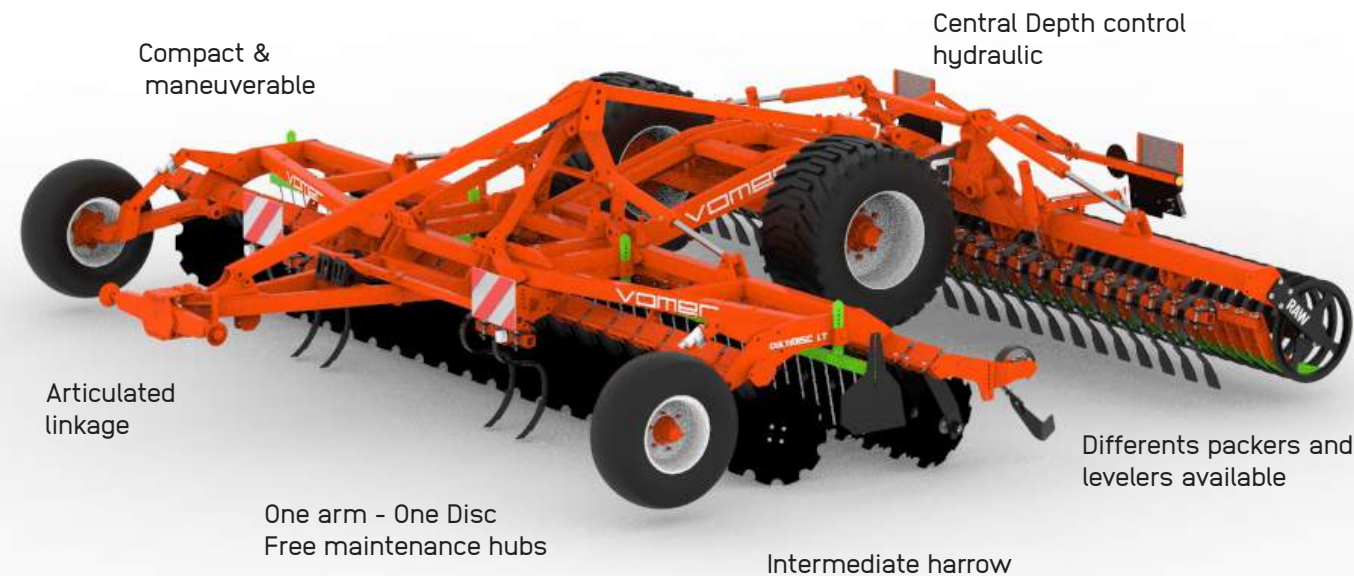
The upper part has been designed with articulated bars, which ensures greater flexibility and the reduction of breaks, ensuring the long life of the equipment.



Cultidisc LT 40 MoTion RAW



Centered wheels give more stability in high speed works



MOTION Platform

Available for the Cultidisc range, the MOTION series trailed equipment is characterized by the center position of the wheels and their central depth control. They offer better use of the power and capacities of the tractor, decrease of the weight on the rear axle, improvement in the road transport and increase of the productivity with a reduction of fuel consumption.

Up to **30%**
More reliability

Up to **20%**
Lower fuel consumption

The intermediate position of the wheels ensures a balanced distribution of weights, ensuring stability and avoiding the pitching of the equipment at work. The independent movement of the wheels offers great ease of handling in the field, allowing the equipment to be fully lifted when maneuvering or to relieve weight on the roller. In addition, the equipment can be completely suspended on the packer*, for compaction and maneuvering tasks.

Central control of working depth, with a fast and precise drive, which greatly simplifies the choice of working depth.

Optionally, the road suspension system can be incorporated.

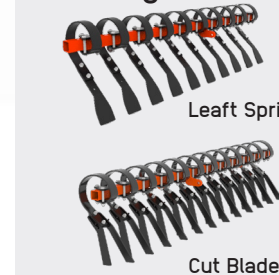
*Only for Cambridge 530 and Flat 750

Cultidisc LT MoTion	FDX.40M	FDX.50M	FDX.60M	FDX.70M
Working Width (dm)	43	53	63	73
Transport Width (m)	3,00	3,00	3,00	3,00
Weight (Kg) *	3620	4350	5150	5750
Number of Discs	32	40	48	56
Disc Diameter (mm)	570	570	570	570
Tyre Size	400/60 R15.5	400/60 R15.5	445/50 R19.5	550/45 R22.5
Connection Lower Link	Cat. II/III - III	Cat. II/III - III	Cat. III - III/IV	Cat. III - III/IV
Connection Drawbar ISO 20019	Bulón Ø50	Bulón Ø50	Bulón Ø50	Bulón Ø50
Power Demands (HP)	140-200	180-250	230-300	270-350

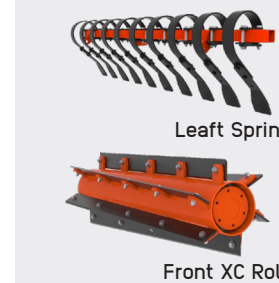
Packers



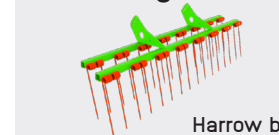
Leveling



Front Tools



Finishing





Cultidisc LT 30 RAW



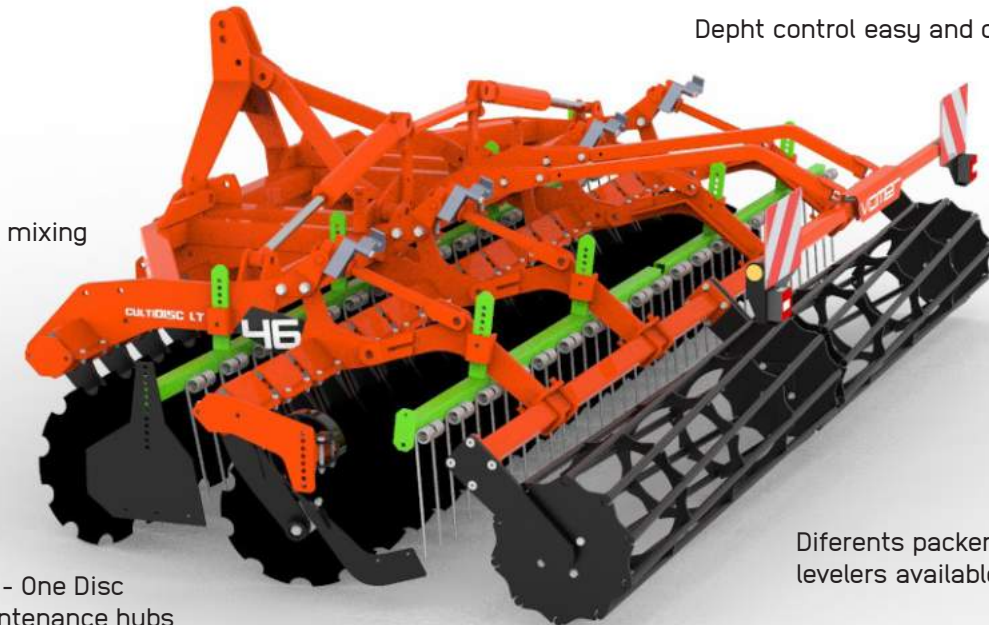
Cultidisc LT 50 RAW



Robust and compact frame

Cut and intensive mixing

One arm - One Disc
Free maintenance hubs



Intermediate harrows

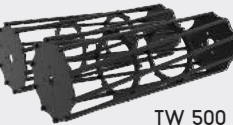
Depth control easy and quick

Diferents packers and levelers available

Packers



J400 o J500

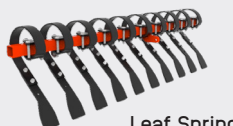


TW 500



RAW 600

Levelers

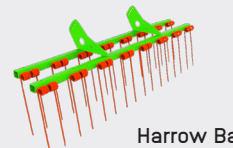


Leaf Spring



Cut Blades

Finishing



Harrow Bar

Cultidisc LT Mounted

Available in 3.05m, 4.30m, 4.80m and 5.30m it constitutes the access range to the Cultidisc Vomer. Very compact design that places the weight close to the tractor, allowing work with smaller tractors. With a work capacity similar to that of its dragged brothers, it presents itself as a real alternative to traditional cultivators and arm preparers. The frame construction is light and very resistant, but thanks to the design of its arms, penetration in hard terrain is not penalized. More weight does not always mean better penetration, and the Cultidisc LT is a clear example. Depth control is performed using CLIP, which ensures fast, precise and reliable control. Optionally you can choose a hydraulic drive.

Cultidisc LT	FDX.30	FDX.40	FDX.45	FDX.50
Working Width (dm)	30	43	48	53
Transport Width (m)	3,05	3,00	3,00	3,00
Weight (Kg) *	1490	2440	2700	3120
Number of Discs	22	32	36	40
Disc Diameter (mm)	570	570	570	570
Folded frame	No	Yes	Yes	Yes
3 Point Linkage	Cat. II/III	Cat. II/III	Cat. II/III	Cat. II/III
Power Demand (HP)	140-200	180-250	200-270	230-300

up to

15%

lower maintenance costs

VOMER



HIGH PERFORMANCE
FARMING IMPLEMENTS



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