

Terrano MT



SHALLOW MIXING AND DEEP LOOSENING



Terrano MT

A CULTIVATOR FOR HEAVY SOILS WHERE THE ORGANIC MATTER SHALL ONLY BE MIXED IN IN THE UPPER CULTIVATION HORIZON AND ROUGH SOIL COMPONENTS REMAIN IN THE SUBSOIL.

- Tillage at a depth of up to 30 cm and mixing in of organic material in the upper soil layers, rough soil components remain in the soil
- Combination of disc system and tine system for intensive mixing and high clearance even in case of a lot of organic material

- Wide selection of most different packer options for optimum consolidation
- Additional equipment like fertiliser distributor, MiniDrill and a good deal more



The Terrano MT has been especially designed for the application „mixing on the surface, loosening deeper in the soil“. The cultivator is equipped with middle transport wheels and a 4-bar design (2 rows of discs + 2 rows of tines). It is ideal for the cultivation of heavy soils that have to be loosened deeply, but where harvest residues can only be mixed in shallowly to avoid that rough soil is transported to the surface. The 2-row DiscSystem allows for shallow and intensely mixing tillage and for working without blocking even in case of difficult residues and high amounts of straw. The DiscSystem produces a lot of fine soil and the working depth can be adjusted hydraulically and infinitely. It is followed by a 2-bar tine system. Due to the large tine spacing of 40 cm and the narrow 40 mm wide LD (Low Disturbance) points, the horsepower requirement is rather low. In the first two rows, the Terrano MT is equipped with a disc harrow followed by two rows of TerraGrip tines with narrow LD (Low Disturbance) points. It is equipped with the HORSCH SteelDisc packer to ensure maximum consolidation. It allows for an intensive loosening of up to 30 cm with low mixing effect. It hardly transports rough soil to the surface and works below the disc harrow horizon. The new ultra LD points additionally increase this effect. They break up the soil and do not bring any more clods to the surface. Its middle transport wheels ensure a higher manoeuvrability of the Terrano MT on the headlands and excellent driving characteristics on the road. In wet conditions, the transport wheels can additionally be used for depth control – thus, less weight is transferred to the packer. This ensures a maximum consolidation of the HORSCH SteelDisc packer with a diameter of 58 cm and a weight of 175 kg/m working width. It is ideal even on extremely heavy soils and its packer elements provide a good soil structure. In addition, two efficient double rollers are available for the Terrano MT. The customer can choose between the double RollFlex or RollPack packer.



Fine-crumbly seedbed for following crops



Deep loosening and minimum mixing with LD points

TerraGrip II



TerraGrip II – release effect

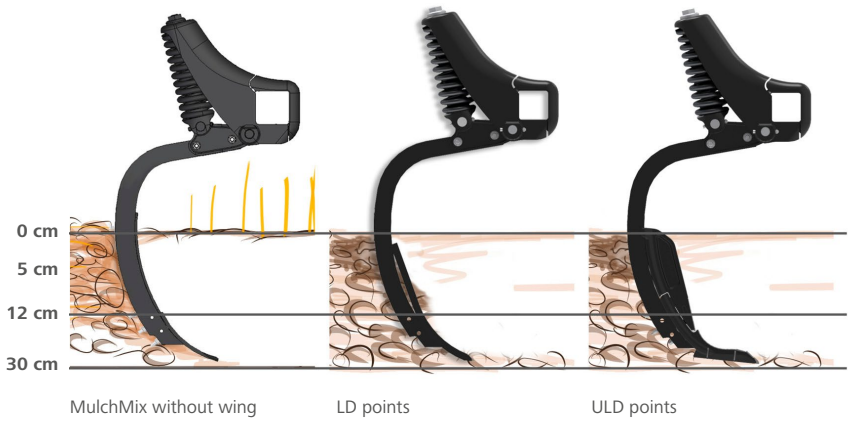
The TerraGrip tine system impresses due to its flexibility with regard to the various point and wing options. The low horsepower requirement and the excellent mixing characteristics are due to the curved shape and the low angle of the point.

- Release force from 500 to 550 kg (depending on the model)
- Flexible mounting of point and wing options
- Low horsepower requirement due to curved deflector
- Optimum residue mixing even at shallow working depths



TerraGrip overload element

Points



The point range covers all requirements for loosening and breaking compaction up to a working depth of 35 cm.

MulchMix without wing

- Deep loosening and intensive mixing of the soil
- Working depths: 15 to 30 cm
- Various carbide versions



MulchMix point without wing

LD points

- LD = Low Disturbance point
- 40 mm wide point for deep loosening without moving too much soil
- Working depth: 20 to 30 cm



LD point

ULD points

- ULD = Ultra Low Disturbance point
- Point width: 25 mm, very little soil movement
- Leading point to get below compaction zones

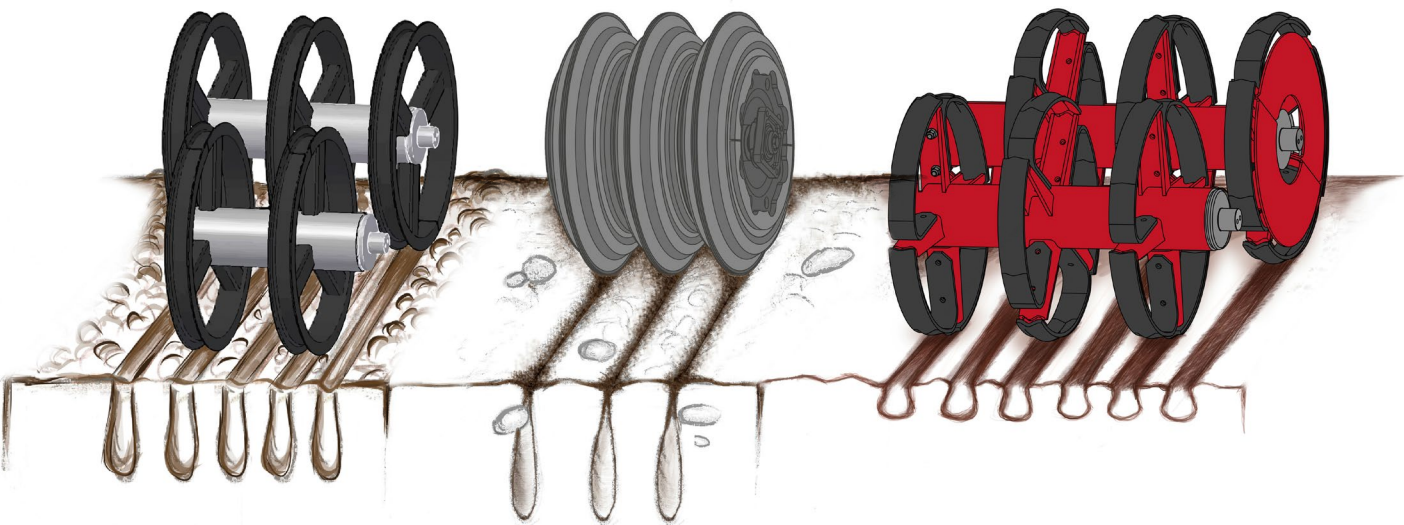


ULD points

PACKER SYSTEMS

VERSATILE FOR OPTIMUM RESULTS

The depth effects and the main applications of the different HORSCH packer versions.



Double RollPack packer

SteelDisc packer

Double RollFlex packer Ø 55 cm

Double RollPack packer

- Steel ring rollers with a diameter of 55 cm
- Deep strip consolidation
- Flexible conditions of use
- Weight per m working width: 130 kg

SteelDisc packer Ø 58 cm

- High packer weight for intensive consolidation
- Breaks clods
- Encourages capillarity action
- Weight per m working width: 175 kg

Double RollFlex packer Ø 55 cm

- Excellent self-cleaning effect
- Strip consolidation
- Excellent fine soil production
- Weight per m working width: 200 kg

- Central element to determine the working quality
- Depth control
- Different consolidation depending on the requirements
- Perfect working quality in wet and dry conditions
- Appropriate germination bed for volunteer crops and weeds
- Rough, loose soil structure for medium and heavy soils
- Final finishing of the seed horizon

ADDITIONAL EQUIPMENT

Harrow rear 1-row

- Optimum finish
- Addition of a harrow combs out weeds and grass and places it loosely on the surface
- Additional levelling effect



Optionally with a following harrow



Transport position Terrano MT

TECHNICAL DATA

Terrano MT	4 MT	6 MT
Working width (m)	4.40	6.00
Tine spacing (cm)	40	40
Frame height (mm)	850	850
Transport width (m)	3.00	3.00
Transport height (m)	3.20	4.00
Length without tow hook (m)	9.25	9.25
Length with tow hook (m)	9.80	9.80
Weight (kg)	6730	7950
Tyre size transport wheels (cm)	400 / 70 - 24	400 / 70 - 24
Tyre transport wheels Ø	120	120
Number of tines (Piece)	11	15
Tine spacing in one row (cm)	80	80
Width LD point (mm)	40	40
DiscSystem front discs Ø (cm)	52	52
DiscSystem disc thickness (mm)	6	6
Number of DiscSystem discs (Piece)	36	48
Cutting angle DiscSystem discs (°)	17	17
DA control devices lower link	3 (+1 with hydr. depth adjustment)	3 (+1 with hydr. depth adjustment)
DA control devices adjustable drawbar	4	4
Horsepower requirement (kW/hp)	150 - 200 / 180 - 250	200 - 270 / 270 - 370
Implement attachment lower link	Cat. III - III / IV - IV	Cat. III - III / IV - IV
Implement attachment adjustable drawbar	Hitch Ø 42 – 51	Hitch Ø 42 – 51 – 71
Implement attachment ball head	K 80	K 80





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Paper: 120g/qm Maxi Offset. The paper is certified according to the EU Ecolabel. This label is only granted for products and services whose environmental consequences are considerably lower than those of comparable products. For more details see www.eu-ecolabel.de. Printing ink: Printing ink QUICKFAST COFREE. Free from mineral oil and cobalt. Moreover, it is certified and recommended for printing according to the „Cradle-to-Cradle“ principle (quasi “from the origin back to the origin”) – an approach that deals with the spreading of continuous and consequent recycling management. For more details see www.c2c-ev.de.

All specifications and diagrams are approximate and not binding. Technical features and design are subject to change.

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