HORSCH

Terrano 5 - 7 FM

THE HEAVY UNIVERSAL CULTIVATOR WITH A WIDE RANGE OF APPLICATIONS





Terrano 5 - 7 FM

DUE TO ITS STABLE DESIGN AND THE ENORMOUS FLEXIBILITY, THE TERRANO FM IS IDEAL FOR ALL FARMS THAT MAKE HIGHEST REQUIREMENTS ON SERVICE LIFE AND FLEXIBILITY.

- Shallow tillage to primary soil cultivation at a depth of up to 30 cm
- Even incorporation of harvest residues, catch crops, and organic fertilisers across the entire cultivation horizon
- 4-bar design and 28 cm tine spacing for intensive mixing and high clearance even with a lot of organic matter
- Wide selection of various packer options for optimal consolidation
- Additional equipment such as fertiliser spreader, MiniDrill, and much more



The Terrano FM is a heavy universal cultivator that is ideal for shallow and deep cultivation up to 30 cm. It is available in working widths from 5 to 7 m. It is equipped with the TerraGrip tines of the third generation which lie flatly in the frame and have a release force of 570 kg. The large pivot points ensure a long and maintenance-free service life. The cultivator can be equipped with a lot of point options so that it can be used in all seasons and is able to cope with different soil conditions. The transport wheels of the Terrano FM is located in the tine zone in front of the last tine row. The transport wheels with large wheels are used for road transport as well as for turning on the headlands. The sophisticated kinematics of the transport wheels ensure a high clearance when lifted as well as a save moving of the tyres out of the working range when lowered. The position of the transport wheels has been chosen to ensure optimum manoeuvrability in the field and high driving comfort on the road. To make optimum use of the tractive output and get the existing power into the soil, the Terrano FM is equipped with a traction reinforcement that permanently applies a pressure of 1 200 kg on the rear axle of the tractor. If the traction reinforcement is not required as you want to work more shallowly, it can be switched off anytime via a lock valve. It is activated by depressurising the control unit for lifting and lowering to without any additional control devices or cylinders. With regard to levelling, HORSCH relies on the well-proven oil-bath bearing disc levelling with a row of discs in front of the packer. The Terrano FM can be equipped with a single packer or with a double packer. New packer options have been developed that cover any range of application. For working in wet conditions or to cultivate the winter furrow, it is possible to dismantle the packer. In this case, depth control is carried out by the wheels of the transport wheels.



Optional with double support wheels for light soils



Large tyres for road transport and depth control when driving without a packer

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 570 kg (model-dependent)
- Flexible mounting of point and wing options
- Low horsepower requirement due to curved tine design
- Optimum residue mixing even at shallow working depths



TerraGrip overload element

Points and wings



Due to the wide range of point and wing options, the cultivator can be used for almost all cultivation depths from shallow cutting at 3 to 4 cm to primary soil cultivation. This increases the application range enormously.

TerraCut wing

- Wings on the left and right side for all TerraGrip tines
- Cutting width: 40 cm
- Low setting angle
- Excellent penetration behaviour due to angle of the point

MulchMix point wing shallow/deep

- Wings on the left and right side for all TerraGrip tines
- 34.5 cm wide wings
- Two setting angles depending on the working depth
- Available as standard and carbide version

MulchMix without wing

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

LD points

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

ULD points

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

PACKER SYSTEMS

VERSATILE FOR OPTIMUM RESULTS

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



Double RollPack packer

Double RollFlex packer Ø 55 cm

SteelDisc packer

FarmFlex packer

Double RollPack packer Ø 55 cm

- Steel ring rollers with a diameter of 55 cm
- Deep strip consolidation
- Can be used in all situations
- Weight per meter working width: 130 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

SteelDisc packer

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

FarmFlex packer

- Large contact area due to 7 cm wide ring elements
- Insensitive to stones
- Can be converted to a winter packer
- Weight per m working width: 120 kg

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



Optional with 1-row following harrow

TECHNICAL DATA

Terrano 5 - 7 FM	5 FM	6 FM	7 FM
Working width (m)	4,80	5,90	7,00
Transport width (m)	3,00	3,00	3,00
Transport height (m)	3,30	3,85	4,00
Length without tow hook (m)	9,25	9,25	9,25
Length with tow hook (m)	9,55	9,55	9,55
Weight shear bolt protection (kg)	6000	6750	7500
Weight TerraGrip (kg)	6600	7500	8400
Tyre size support wheels	15.0/55-17 (2/4 pcs)	15.0/55-17 (2/4 pcs)	15.0/55-17 (4 pcs)
Tyre size transport wheels	400 / 70 - 24	400 / 70 - 24	400 / 70 - 24
Number of tines (Piece)	17	21	25
Tine spacing in one row (cm)	112	112	112
Tine spacing (cm)	28	28	28
Frame height (mm)	750	750	750
DA control devices	2 (+1 with hydraulic depth adjustment)	2 (+1 with hydraulic depth adjustment)	2 (+1 with hydraulic depth adjustment)
Horsepower requirement (kW/hp)	150 - 220 / 205 - 300	175 - 265 / 240 - 360	220 - 290 / 300 - 395
Implement attachment lower link	Cat. III - III / IV - IV	Cat. III - III / IV - IV	Cat. III - III / IV - IV
Implement attachment adjustable drawbar (mm)	Towing eye Ø 42 - 71	Towing eye Ø 42 - 51 - 71	Towing eye Ø 51 - 71
Implement attachment ball head	K 80	K 80	K 80





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

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