

# 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 mixing in of harvest residues, catch crops and organic fertilisers across the whole 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 most different packer options for optimum consolidation
- Additional equipment like fertiliser distributor, MiniDrill and a good deal 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 TerraGrip tines of the third generation which rest flatly in the frame and has 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

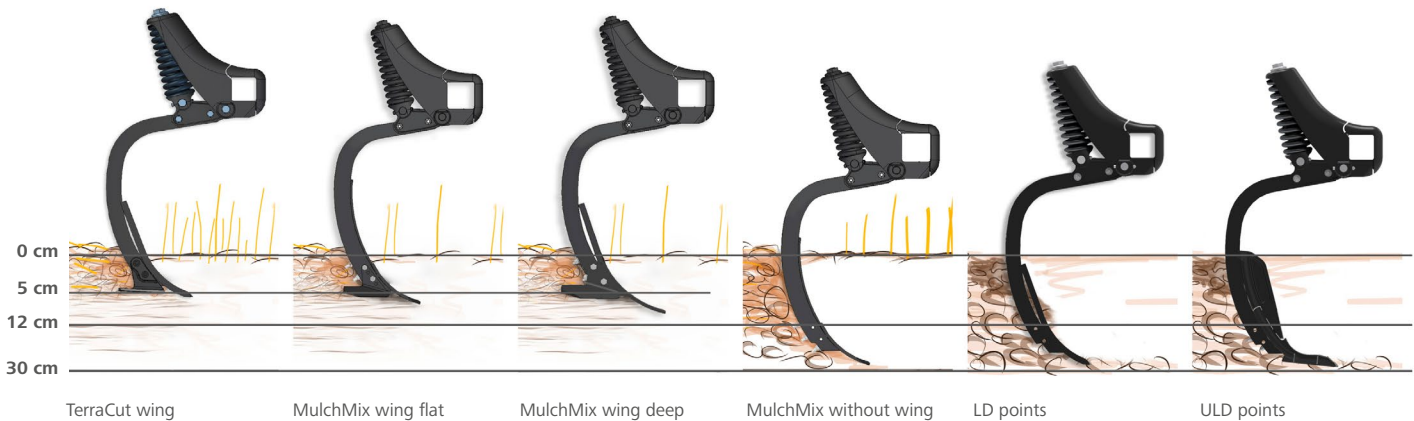
The TerraGrip tine system impresses due to its flexibility with regard to the various point and wing options. The low horsepower requirement and the excellent mixing characteristics are due to the curved shape and the low angle of the point.

- Release force from 500 to 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 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 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 wide point for deep loosening without moving too much soil
- Working depth: 20 to 30 cm

## ULD points

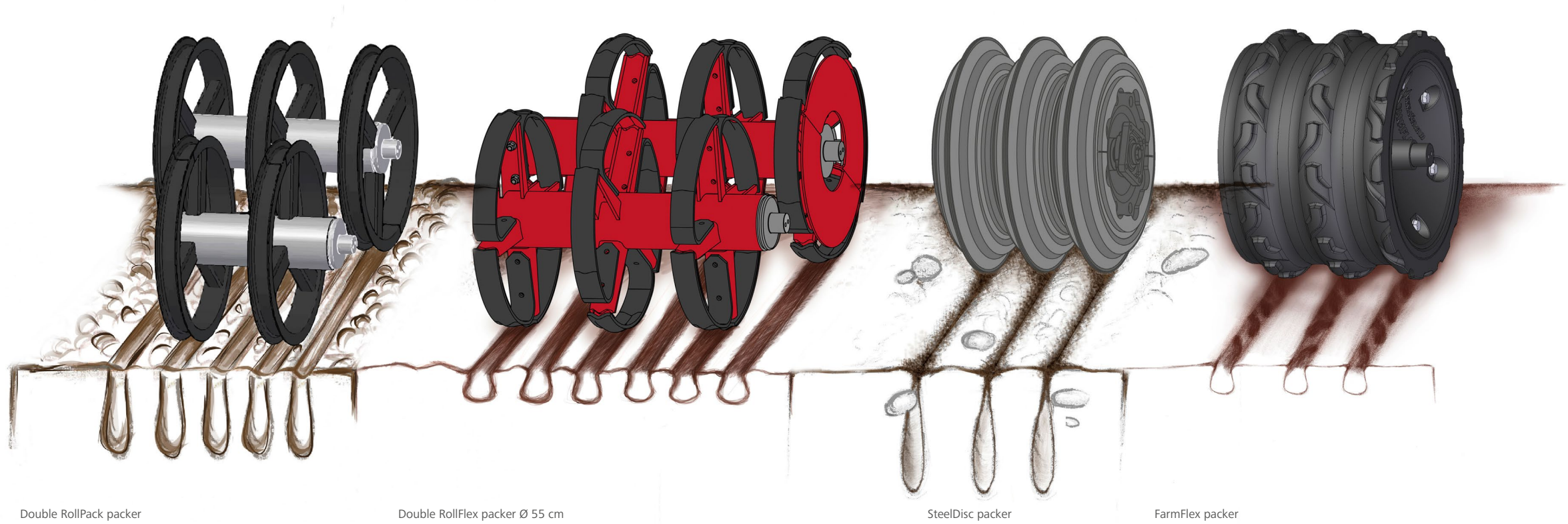
- ULD = Ultra Low Disturbance point
- Point width: 25 mm, very little soil movement
- Leading point to get below compaction zones



# PACKER SYSTEMS

VERSATILE FOR OPTIMUM RESULTS

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



## Double RollPack packer

- Steel ring rollers with a diameter of 55 cm
- Deep strip consolidation
- Flexible conditions of use
- Weight per m 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

## SteelDisc packer

- High packer weight for intensive consolidation
- Breaks clods
- Encourages capillarity action
- 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

- 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



# 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 pc.)	15.0 / 55-17 (2 / 4 pc.)	15.0 / 55 - 17 (4 pc.)
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 hydr. depth adj. )	2 (+1 with hydr. depth adj. )	2 (+1 with hydr. depth adj. )
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)	Hitch Ø 42 - 51 mm	Hitch Ø 42 - 51 - 71 mm	Hitch Ø 51 - 71 mm
Implement attachment ball head	K 80	K 80	K 80







Your distributor

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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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