

Terrano FX

 **HORSCH**



EFFICIENT CULTIVATOR TECHNOLOGY WITH AN EXTREMELY
WIDE RANGE OF USE



Terrano FX

CAN BE OPTIMALLY USED ON ANY FARM
DUE TO THE 3-BAR AND COMPACT DESIGN.

- 3-bar design with a tine spacing of 30 cm for intensive mixing
- Robust design for hardest conditions and long service life
- Large selection of packer versions for intensive consolidation
- Maintenance-free TerraGrip tine system with a release force of 500 kg and a very long service life



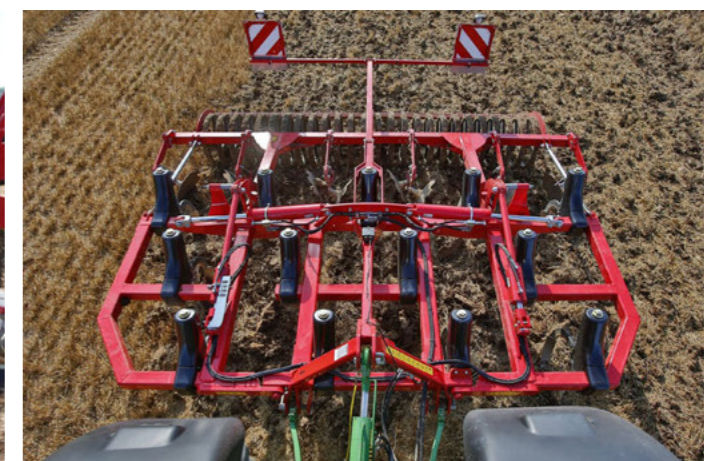
The Terrano FX is a compact universal cultivator which due to the option to use different point systems is ideal for shallow, all-over stubble cultivation as well as for intensive loosening and mixing at working depths from 5 to 30 cm. Due to its robust 3-bar frame design with a high clearance, the Terrano FX evenly mixes in harvest residues even in difficult conditions. The fact that the soil stays longer in the Terrano FX than compared to 2-bar models and the special shape of the points guarantee an optimum mixing effect. Even levelling and deep consolidation complete the work quality of the Terrano FX and achieve an optimum seedbed with every pass.

Already in 2003, the DLG Fokus Test showed the Terrano FX has a very low horsepower requirement. To achieve an optimum work quality, the Terrano FX requires 20 % less diesel compared to the average consumption of all test candidates.

Due to different point options that can be changed quickly and have been optimised for different applications, the range of use of the Terrano FX is very wide with regard to the working depth as well as to the work quality. Depth control is carried out via the tractor hydraulics and the packer roller. The depth is adjusted by means of the well-proven alu clips that limit the lowering depth of the cultivator frame in relation to the packer. The robust TerraGrip tine guarantees the constant point control at the desired working depth. The points guarantee an intensive, but gentle mixing of the soil. The optimised layout of the disc levelling prevents "straw rows" and evenly levels the surface. The construction of the Terrano frame transfers the retraction power of the tines to the packer without any losses where they are used for a deep strip consolidation.



Packers produce much fine soil for optimum germination conditions



Regular tine layout for ideal flow of soil

PACKER SYSTEMS

VERSATILE FOR OPTIMUM RESULTS

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



RollFlex packer

- Deep consolidation with loose soil surface
- High levelling capacity due to intermediate levelling tine
- Self-cleaning, without scrapers
- High operational reliability

RollPack packer

- Steel ring roller with a diameter of 55 cm
- Deep strip consolidation
- Flexible conditions of use
- Weight per m working width: 125 kg

RollCut packer

- Strip consolidation
- Good surface structure on medium, stony soils
- Ideal packer for medium to heavy, stony soils
- Weight per m working width: 130 kg

RollPack packer (winter)

- Little contact area for little consolidation
- Optimum soil crumbling due to frost
- Packer only guarantees depth control

Cage drum roller

- Little consolidation
- Very low horsepower requirement
- Low weight
- Weight per m working width: 102 kg

DoubleCage packer

- Perfect, loose surface
- Moves soil and levels
- Places organic material loosely on the surface
- Weight per m working width: 78 kg

RingFlex packer

- High contact area due to 7 cm wide ring elements
- Additionally mixes in organic material
- Can be converted to a winter packer
- Weight per m working width: 120 kg

Tyre packer

Ø 65 cm - 185/65-15 AS

- Excellent load-carrying capacity
- Low horsepower requirement due to large contact area and wide spacings
- Strip consolidation

FarmFlex packer

- High 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

SteelDisc packer

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

OptiCover packer Ø 30 cm

- Option for additional fine soil production
- Relieves the simple packer roller
- Places weeds loosely on the surface

TerraGrip II



TerraGrip II – release effect

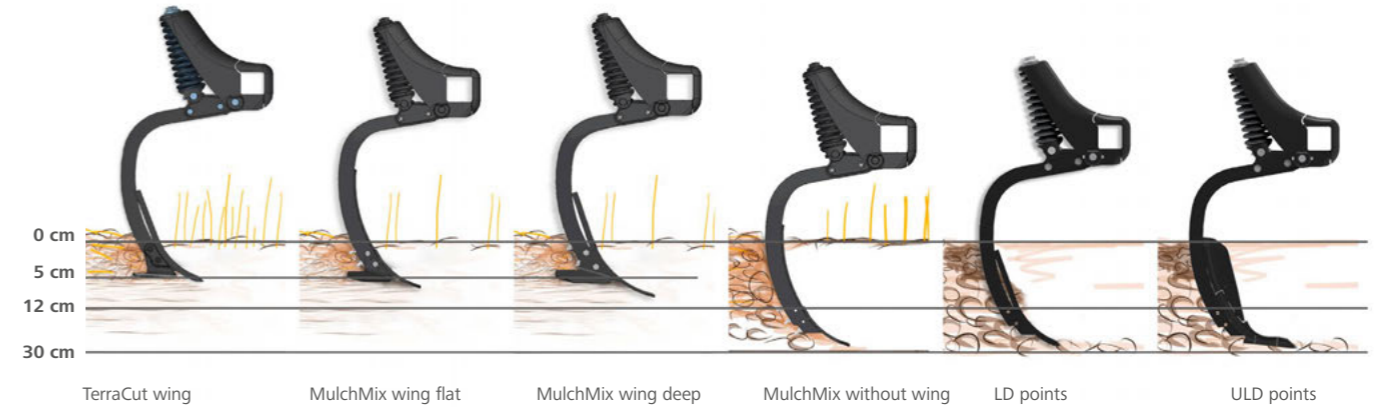
The TerraGrip tine system impresses due to its flexibility with regard to the various point and wing options. The low horsepower requirement and the excellent mixing behaviour are due to the curved shape and the low angle of the point.

- 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 combinations 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 flat/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 a 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

TECHNICAL DATA

| Terrano FX | 3 FX | 3.5 FX | 4 FX | 5 FX |
|--|----------------------|-----------------------|------------------------|------------------------------|
| Working width (m) | 3.00 | 3.50 | 4.00 | 5.00 |
| Transport width (m) | 3.00 | 3.50 | 3.00 | 3.00 |
| Transport height (m) | 2.05 | 2.05 | 2.60 | 3.10 |
| Transport height with optional transport wheels (m) | --- | --- | 3.10 | 3.60 |
| Length (m) | 3.80 | 3.80 | 4.00 | 4.00 |
| Length with optional transport wheels (m) | --- | --- | 7.10 | 7.10 |
| Weight shear bolt protection (kg) | 1390 | 1810 | 2200 | 3000 |
| Weight shear-bolt protection with optional transport wheels (kg) | --- | --- | 3150 | 3900 |
| Weight TerraGrip (kg) | 1860 | 2190 | 2740 | 3700 |
| Weight TerraGrip with optional transport wheels (kg) | --- | --- | 3690 | 4600 |
| Tyre size support wheels | --- | --- | 10.0 / 75 - 15.3 | 10.0 / 75 -15.3 |
| Tyre size optional transport wheels | --- | --- | 400/60-15.5 | 400/60-15.5 |
| Number of tines (PCE) | 10 | 12 | 13 | 16 |
| Tine spacing in one row (cm) | 90.00 | 89.00 | 91.50 | 93.00 |
| Tine spacing (cm) | 30.00 | 29.00 | 30.50 | 31.00 |
| Frame height (mm) | 850 | 850 | 850 | 850 |
| DA control devices | --- | --- | 1 / 2 | 1 / 2 |
| Horsepower requirement (kW/hp) | 90 - 147 / 120 - 200 | 100 - 163 / 140 - 220 | 115 - 180 / 160 - 250 | 150 - 220 / 205 - 300 |
| Implement attachment | 3-point Cat. II/III | 3-point Cat. II/III | 3-point Cat. II/III | 3-point Cat. II/III - III/IV |
| Implement attachment lower link with optional transport wheels | --- | --- | Cat. III - III/IV - IV | Cat. III - III/IV - IV |





H+ HORSCH

Your distributor

HORSCH Maschinen GmbH
Sitzenhof 1 · 92421 Schwandorf
Phone: +49 9431 7143-0
Fax: +49 9431 7143-9200
E-Mail: info@horsch.com

horsch.com

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.

EN-60119742 (11/2023)