HORSCH

Terrano FX

EFFICIENT CULTIVATOR TECHNOLOGY WITH AN EXTREMELY WIDE RANGE OF APPLICATIONS





Terrano FX

DUETO THE3-BAR AND COMPACT DESIGN, IT CAN BE USED ON EVERY FARM.

— 3-bar design with a tine spacing of 30 cm for intensive mixing

— Robust design for the hardest operating conditions and durability

— Wide selection of packer options 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 that, due to the use of various point systems, is ideal for both shallow, all-over stubble cultivation and for intensive loosening and mixing at working depths of 5 to 30 cm. Due to its 3-bar, stable frame design with high clearance, the Terrano FX mixes crop residues evenly even in difficult conditions. Comped to 2-bar models, the soil stays longer in the Terrano FX and the special shape of the points ensures an optimized mixing effect. Even levelling and deep consolidation complete the work quality of the Terrano and achieve an optimal seedbed with every pass. Already in 2003, the DLG Focus Test confirmed the low horsepower equire-ment of the Terrano FX. The Terrano FX requires 20% less diesel compared to the average consumption of all test candidates while achieving an optimum work quality.

Due to different point systems that can be changed quickly and have been optimized for specific applications (shalow, all-over, deep, intensive mixing), the Terrano FX has a wide range of applications with regard to working depth and work quality. The depth of the Terrano FX is precisely controlled by the tractor hydraulics and the packer roller. The depth adjustment is carried out via the proven alu clips which limit the lowering depth of the cultivator frame in relation to the packer.

The robust TerraGrip tine ensures a consistent point control at the desired working depth. The points ensure an intensive yet gentle mixing of the soil. By optimizing the layout of the disc leveling, „straw swaths“ are avoided and the surface is levelled evenly. The carrier design of the Terrano transfers the penet-ration forces of the tines to the packer without losses where they are used for deep, strip consolidation.



High fine soil poduction of the packer for optimal germination conditions



Even tine layout for optimal flow of soi

PACKER SYSTEMS

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



RollFlex packer



RollPack packer

RollCut packer



RollPack packer (Winter)



Cage drum roller



DoubleCage packer



RingFlex packer

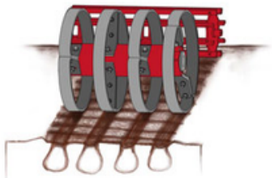


Tire packer Ø 65 cm - 185/65-15 AS

FarmFlex packer



SteelDisc packer Ø 58 cm



OptiCover packer Ø 30 cm

RollFlex packer

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

RollPack packer

- Steel ring roller with a diameter of 55 cm
- Deep strip consolidation
- Can be used in all situations
- Weight per m working width: 125 kg

RollCut packer

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

RollPack packer (Winter)

- Small contact area for minimal consolidation
- Optimal soil crumbling due to frost
- Packer only ensures depth control

Cage drum roller

- Little consolidation
- Very low horsepower requirement
- Low machine weight
- Weight per meter 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

- Large contact area due to 7 cm wide ring elements
- Organic matter is mixed in additionally
- Can be retrofitted to a winter packer
- Weight per m working width: 120 kg

Tire packer Ø 65 cm

- Very good load-bearing capacity
- Low horsepower requirement due to large contact area and wide spacings
- Strip consolidation

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

SteelDisc packer Ø 58 cm

- High machine 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 poduction
- 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 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



Intensive incorporation from stubble cultivation to primary soil cultivation

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, movement very little soil
— Leading point to get below compaction zones

TECHNICAL DATA

Terrano FX	3 FX	3.5 FX	4 FX R	4 FX	5 FX
Working width (m)	3,00	3,50	4,00	4,00	5,00
Transport width (m)	3,00	3,50	4,06	3,00	3,00
Transport height (m)	2,05	2,05	2,05	2,60	3,10
Transport height with optional transport wheels (m)	---	---	---	3,10	3,60
Length (m)	3,80	2,05	3,80	4,00	4,00
Length with optional transport wheels (m)	---	---	---	7,10	7,10
Weight shear bolt protection (kg)	1390	1810	2250	2200	3000
Weight shearing bolt protection with optional transport wheels (kg)	---	---	---	3150	3900
Weight TerraGrip (kg)	1860	2190	2600	2740	3700
Weight TerraGrip with optional transport wheels (kg)	---	---	---	3690	4600
Tyre size optional transport wheels	---	---	---	10.0 / 75 - 15.3	10.0 / 75 -15.3
Tyre size support wheels	---	---	---	400/60-15.5	400/60-15.5
Number of tines (Piece)	10	12	14	13	16
Tine spacing in one row (cm)	90,00	89,00	88,20	91,50	93,00
Tine spacing (cm)	30,00	29,00	29,40	30,50	31,00
Frame height (mm)	850	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	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	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





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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 ecom
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. M

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

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