

Terrano

HORSCH

Farming with passion

Terrano FX

Terrano MT

Terrano FM

Terrano FG

Partner FT/HT

CULTIVATION WITHOUT COMPROMISE



FARMING WITH PASSION



WE WANT TO BUILD THE BEST AGRICULTURAL MACHINES

We feel committed to the farmers' community and the wishes of our customers. Thus, it is only logical that for our products and services we aim for the highest standard. This is true for research, design and development as well as for assembly, technical service and advisory service.

We take the time for extensive studies, use the machines on our own farms, more than 3 000 hectare – to experience ourselves what we have developed and what we are talking about.

We assume **responsibility** in farming and share the feelings of our customers – this is what we are working for with all our passion.

WE WANT TO SHARE OUR PASSION FOR FARMING

As we are farmers ourselves, there is always an **exchange** with our customers to stay well informed about their requirements with regard to our products. They are our **motivation**, our **driving force** and our **partner** at the same time. We attach great importance to a close contact to our customers and to approach them on an equal level. We are a **forum** and a **community for farmers** where we talk to each other, carry out tests and exchange experiences to – together with them – get better and better. This **bond** is our **backbone** helps us never to forget what we are working for.

We want to advance and inspire **farming** as farming inspires us and we want to give every farmer the possibility to contribute personally.



THERE IS NO SUCCESS WITHOUT PASSION

When we thought about a perfect slogan for HORSCH, there was one that quickly came to mind: "**Farming with passion**". For this passion can be found in **each** of our **products** and also in the actions of every single HORSCH employee.

Everyone in the company – from the management to the mechanic – lives the **passion** that makes a simple product a unique one that excels due to **innovation** and **uncompromising quality** and can be adapted perfectly to the **requirements** of every single farmer in every country.

"We have always been and will always be farmers who intensively deal with a sustainable cultivation of the soil. Farming has a **future** and it is worth it to work hard – for the farmer as well as for the manufacturer of agricultural machinery. Each time a farmer looks into the rear-view mirror of his tractor and sees red he is to know that he opted for **uncompromising quality**."

Philipp Horsch

Cornelia Horsch

Michael Horsch

HORSCH MILESTONE – FARMING WITHOUT A PLOUGH



Terrano 3 FX **HORSCH**



During the 30-year-old company tradition **HORSCH** – like no other manufacturer – contributed to the breakthrough of **tillage without a plough**. In 2013, these efforts were awarded with the “**Milestone of Agricultural Engineering**” award.

A lot of products, e.g. the Terrano, Tiger and Joker models and last but not least the universal seed drill Pronto DC, allow for farming without a plough on the highest level.

According to the Federal Statistical Office by now 40 per cent of the arable land is cultivated without a plough. For wheat it amounts to even 60 per cent. 20 years ago no-one dared to believe that.

HORSCH played an important part in getting this far. With this background other milestones in agricultural engineering will be developed.



Terrano FX – Universal and low horsepower requirement



Terrano FG – Specialist for shallow stubble cultivation



Terrano FM – Heavy universal cultivator



Terrano MT – Shallow mixing – deep loosening

Terrano

EXTREMELY LOW HORSEPOWER REQUIREMENT!

Terrano FX – Universal cultivation without compromise

The **HORSCH Terrano FX** is a compact 3-bar cultivator with a wide range of use – whether for shallow stubble cultivation or intensive soil cultivation.

The all-rounder **Terrano FX** mixes perfectly in all depths between 5 and 30 cm. Thanks to the frame height of 85 cm (on the 3, 4 and 5 FX models) and a tine spacing of 30 cm, the Terrano accurately mixes in all crop residues, even under the heaviest of conditions.

Terrano FG – Specialist for shallow cultivation

The 4-bar Terrano FG is designed for the powerful, effective soil cultivation at depths of between 3 and 20. It cuts the whole surface area of soil and intensively works the crop residue in. Due to its optimised construction, the soil remains in the machine for a long period. Therefore, top quality mixing and levelling is guaranteed.

The depth control of the four-bar cultivator segments is guided by a tandem chassis and support wheels.

Terrano FM – Heavy universal cultivator with middle chassis

The cultivator can be used for shallow as well as for deep cultivation. Due to its 4-bar design it mixes intensively, whereas the power demand remains low due to a tine spacing of 28 cm. The middle chassis allows for tight turning on the headlands and for an excellent roadability.

The new **double RollFlex/RollPack** packer guarantees a very good and even consolidation even under most difficult conditions.

Terrano MT – Shallow mixing and deep loosening

There is a disc harrow situated in the first two rows of the **Terrano MT** followed by two rows of TerraGrip tines with narrow LD (low disturbance) coulters. It is particularly suitable for cultivating heavy soils that require deep loosening, but where harvest residues can only be mixed in a shallow way to prevent rough soil from being transported to the surface.

The **HORSCH SteelDisc packer** is used to guarantee maximum consolidation.



MiniDrill Accurate efficiency for catch crops and Greening

The MiniDrill is a completely new HORSCH development. The hopper capacity is 400 l and is equipped with the well-proven metering unit of the Pronto. The seed is injected directly into the distribution system. It is available for all Terrano FX 3 point linkage models.

To guarantee an excellent lateral distribution there are six evenly distributed outlets in front of or behind the packer for 4 m machines and twelve outlets for 5 m working width upward.



Philipp Horsch:

„The **Terrano FX** is the top-selling HORSCH cultivator. By now, it can be characterised as the classic cultivator. We have brought to perfection some individual details like for example the frame design or the TerraGrip tine of the second generation in all working widths.“

Terrano FX

CULTIVATION WITHOUT COMPROMISE

The **Terrano FX** is a compact universal cultivator which can be equipped with different points. It is used for a shallow whole area stubble cultivation or for intensive loosening and mixing of straw to a working depth of between 5 and 30 cm. Its 3-bar, robust frame design with high clearance ensures uniform mixing in of residues even in difficult soil conditions. In comparison to 2-bar cultivators, the **Terrano FX** keeps the soil within the cultivator for a longer time, thus ensuring an excellent mixing performance. Even levelling and deep consolidation ensure a perfect finish and produce an optimal seedbed.

Already in 2003, the DLG Fokus test confirmed the low horsepower requirement of the **Terrano FX**. Maintaining best working quality, the **Terrano FX** consumes 20 % less diesel compared to the average consumption of all tested candidates.

The point systems can be changed easily. Each is individually optimised for its specific task (whole area/shallow, intensive mixing/deep). This makes the **Terrano FX** versatile, not only in working depth but also in performance. The working depth of the **Terrano FX** is controlled by the hydraulics of the tractor and the packing system. The depth is set with ClipOn spacers (aluminium clips) that limit the lowering depth of the cultivator frame in relation to the packing system.

The robust **TerraGrip shank** provides constant coulter control at the required working depth. The MulchMix points guarantee intensive mixing of the soil without damaging the soil structure. The levelling discs are optimally placed and can be adjusted so that the surface is level. In addition to its weight, the Terrano uses the down force of the shanks for an even and deep consolidation.



What are the excelling features of the Terrano FX?

- All-purpose
- Works in crop residues superbly, under all conditions
- Really easy to pull, tractive power requirement starts at 120 HP
- Robust, even for the most stringent requirements
- Working depths between 5 and 30 cm
- Short, compact design
- Equipment versions to suit all conditions

Terrano FX

INTELLIGENT EQUIPMENT DETAILS

Packer

A total of **6!** packer versions are available for the **Terrano FX**. Thus, the cultivator can be adjusted individually to the requirements of the customers. The **RollFlex packer** is the most universal Terrano packer. It guarantees a deep consolidation leaving a loose surface. The **RollCut** with its angular packer elements and the additional cutting tools creates a very intensive crumbling. The closed **SteelDisc packer** has a weight of 135 kg per m working width and leaves a heavily wavelike consolidation.

The consolidation of the **FarmFlex packer** on light and medium soils is optimal. At the same time, the **FarmFlex packer** is resistant to stones. The tyre packer with **AS-profile** is suitable for an all-over consolidation and there is a simple cage roller for a more superficial consolidation.

Levelling discs

The individually adjustable levelling discs with its large diameter guarantee an even levelling of the soil surface in front of the packing system.

A release system prevents it from being damaged by stones. Large side discs return the soil to the front of the packing system. This guarantees level fields between passes.

MulchMix point

The steep angled **MulchMix point** is designed for intensive mixing of crop residue and deep cultivation – large amounts of straw can easily be mixed in. The **MulchMix point** consists of 3 individually replaceable components (point, guide plate and wing) that can be changed independently. The design of the point and guide plate was optimised for low soil pressure and low fuel consumption.

The large radius (600 mm) of the **HORSCH MulchMix point** reduces the soil pressure and preserves the soil structure. At any chosen working depth, the position of the **MulchMix point** is never vertical. This reduces resistance, saves fuel and prevents soil compaction.

TerraGrip

The TerraGrip is a robust shank with a trip release system and a trip height of up to 30 cm. The effective trip release system enables the point to swiftly respond to any overloading and the spring pressure forces it back into the ground fast and accurately – without the usual side-way movements.

An optimised set of springs facilitates precise point control at the required working depth – even in heavy soils and at deep working depths. Use of top-quality materials and large-sized pivotal points, eliminates the need for grease nipples.



Fertiliser guide plate



Fertiliser attachment



RollFlex packer for a deep consolidation leaving a loose surface



RollCut with angular packer elements for very intensive crumbling



Closed **SteelDisc packer** with cutting packer rings



FarmFlex packer for optimum consolidation on light and medium soils. Moreover, it is resistant to stones.



Tyre packer with **AS-profile** for all-over consolidation



Individually mounted levelling discs with a release system that prevents stone damage



RollPack packer



TerraGrip shanks trip height 30 cm, release force 500 kg, maintenance-free

Terrano FM

HEAVY UNIVERSAL CULTIVATOR



The **Terrano FM** can be used for shallow as well as for deeper cultivation. Due to its 4-bar design it mixes intensively, whereas the power demand remains low due to a tine spacing of 28 cm.

At the same time, the **Terrano FM** has a high clearance to allow for clogging-free working even if there are large quantities of harvest residues. It is equipped with **TerraGrip tines** of the second generation – they stand for exact coulter control due to high release forces of 570 kg for the **Terrano FM** and are maintenance-free due to large pivotal points. The well-proven **MulchMix coulter** guarantees an excellent mixing effect with at the same time the power demand being low.

Despite the 4-bar design, the middle chassis of the **Terrano FM** allows for tight turning on the headlands and for an excellent roadability. A disc levelling system with maintenance-free oil-bath bearings guarantees an even levelling of the soil already in front of the packer.

The following packers are available: **RollFlex**, **FarmFlex** and **SteelDisc packer** or the **new double RollFlex/RollPack packer**. The latter guarantees a very good and even consolidation even under most difficult conditions (e. g. many stones) due to new spring elements and a reinforced design.

Depth control of the **Terrano FM** is carried out by a packer and the front support wheels – depending on the equipment chosen even hydraulically while driving. If the maximum consolidation of the packer is necessary, the middle chassis can be lifted completely. Under for example wet conditions the chassis can be used additionally for depth control. Thus, less weight is transferred to the packer. A hydraulic tractive power amplifier guarantees that a vertical load of 2 000 kg is permanently transferred to the tractor to allow for optimum traction.

Optionally, you can use the **Terrano FM** without a packer. As the fourth row of tines is situated behind the chassis, there are no tyre tracks. To accommodate the considerably increased tractor power, **HORSCH** offers the **Terrano 12 FM**.

It, too, is equipped with a middle chassis and a double Roll-Pack packer. The tines are the third generation of **TerraGrip tines** with a release force of 550 kg. Despite its 12 m working width the cultivator folds to 3 m for road transport.



Terrano FM
Variable packers – here with double RollPack



Middle chassis for tight turning on the headlands and excellent roadability



Terrano 12 FM with TerraGrip III tines



Terrano 12 FM only 3 m wide when folded

What are the excelling features of the Terrano 5/6/7 FM?

- 4-bar universal cultivator
- For shallow and deep working
- Manoeuvrable due to middle chassis
- TerraGrip tines
- Hydraulic tractive power amplifier
- Variable packers
- Possibility to work without packer

What are the excelling features of the Terrano 10/12 FM?

- Wide, central low chassis for perfect stability during transport
- Exact depth control via front support wheels and packer
- Turning in the field on the whole packer width = minimum load on the headlands and high turning speeds
- 600 resp. 750 mm frame height for transport widths of 3.0 m resp. 3.63 m
- Double packer
- TerraGrip tines

Terrano MT

SHALLOW MIXING – DEEP LOOSENING

The **Terrano MT** has been specially designed for the following range of use: “mixing on the top, loosening at the bottom”. The cultivator has a middle chassis and a 4-bar frame design (2 rows of discs + 2 rows of tines). It is particularly suitable for cultivating heavy soils that have to be loosened deeply, but where harvest residues can only be mixed in a shallow way to prevent rough soil from being transported to the surface.

The 2-row **DiscSystem** allows for a shallow and intensively mixing cultivation and a clogging-free working even if there are difficult residues and high quantities of straw. The Disc-System creates a lot of fine earth and the working depth can be adjusted hydraulically and steplessly.

The **DiscSystem** is followed by a 2-bar **tine system**. Due to the large tine spacing of 40 cm and the narrow (40 mm) LD (low disturbance) coulters the power demand for this system is relatively low. It allows for an intensive loosening down to a depth of 30 cm with a low mixing effect.

Almost no rough soil is transported to the surface and it runs below the disc harrow horizon. The new **Ultra LD+ coulters** increase drainage as they cultivate the soil but do not bring large clods to the surface.

Due to its middle chassis the **Terrano MT** is extremely manoeuvrable on the headlands and its roadability is excellent. Under for example wet conditions the chassis can be used additionally for depth control. Thus, less weight is transferred to the packer – the **HORSCH SteelDisc packer** with a diameter of 58 cm and a weight of 175 kg/m working width for maximum consolidation. It is also ideal on most heavy soils and its packer elements leave a good soil structure. Additionally, the **Terrano MT** is equipped with two efficient double rollers. You can choose between a **double RollFlex** or a **RollPack packer**.



What are the excelling features of the Terrano MT?

- A combination of compact disc harrow and 2-bar cultivator
- Shallow mixing and deep loosening
- Manoeuvrable due to middle chassis
- DiscSystem can be adjusted regardless of the working depth of the tines
- TerraGrip tines in the third and fourth row
- SteelDisc packer also for heavy soils

SteelDisc packer for optimum consolidation also on heavy soils

TerraGrip tines with LD coulters for deep loosening of the soil

DiscSystem for intensive shallow mixing

Ultra LD+ coulters loosen the soil deeply and even in heavy soils, do not bring large clods to the surface.

Terrano FG

SPECIALIST FOR SHALLOW CULTIVATION

The **Terrano FG** is a four-bar, semi-mounted heavy-duty cultivator, designed for powerful and efficient cultivation at depths ranging between 3 and 20 cm. This is done by cutting across the entire surface and intensively mixing stubble and soil. The soil is briefly retained inside the four-bar **Terrano FG** in order to ensure optimum mixing and excellent surface levelling. Its high frame clearance (60 cm frame height, 30 cm row spacing, 120 cm tine stagger) and the flexibility in point selection makes the **Terrano FG** a versatile cultivator – constantly maintaining high working quality.

Low draft requirement, excellent levelling qualities and high performance are the criteria that determined the design of the **Terrano FG**. Its simple and optimised design is aimed at producing excellent results in both mixing and levelling of soil. The four-bar cultivator segments are guided by tandem chassis and support wheels, positioned in the centre between the second and third bar.

All tandem chassis can be hydraulically adjusted for parallel extension and retraction. The side segments can move up and down independent of the centre frame, enabling them to reach the precise depth even on uneven ground. Using low draft ClipOn points, the strong design of the **Terrano FG** and its precise depth control ensures excellent performance at high speed. A trailing 3-bar harrow then levels the soil and produces a fine crumbled surface.

The harrow is very reliable even in very wet conditions and does not clog like simple rollers. The angle of all three harrow segments can be adjusted individually. The aggressiveness of the harrow is controlled by the angle adjustment. Thus, the 3-bar harrow easily copes with large quantities of straw and leaves a level surface.

The **Terrano FG** frame is folded hydraulically and automatically locks and releases. All models have a transport width of 3 metres.



What are the excelling features of the Terrano FG?

- Exact shallow stubble cultivation from 3 to 20 cm working depth
- All-over cultivation
- Exact depth control over the whole working width
- High levelling capacity through 4-bar design
- 60 cm frame height, 30 cm tine spacing, 120 cm tine spacing in one row
- Excellent mixing with low horsepower requirement
- Large point radius, therefore, no ground compaction
- Without packer also suitable for eco-farms
- Packer is possible by combining it with OptiPack DD



A 1-row levelling disc system and a following harrow are also available instead of a 3-row harrow.



Tandem chassis for exact depth control for the **Terrano FG**



Terrano 12 FG

Partner FT/HT

CONTROLLED INCORPORATION OF FERTILISER WHILE CULTIVATING

With the rear hopper **Partner HT** HORSCH offers a system which allows for applying fertiliser in a controlled way while cultivating the soil.

The system completes the **StripTill system** known from the **Focus TD** to be able to offer an optimum solution for all situations. It also marks a simple entry into the sector of targeted fertilisation. Moreover, targeted fertilisation increases efficiency and compared to conventional fertilisation saves costs. Especially with regard to phosphate the system helps to improve fertiliser efficiency. The exactly placed fertiliser is immediately available to the plant and remains available for a long time.

Depending on the chosen setting at the distributor of the cultivator coulter fertiliser can be placed shallowly, deeply or 50:50. Thus, it is possible to fertilise the lower topsoil area additionally.

The **HORSCH rear hopper Partner HT** in combination with the cultivators **Terrano FM/MT** and the trailed version of the **Terrano FX** is equipped with 2 chambers with a capacity of 2 800 litres and a 40/60 partition (pressurised hopper). This allows for metering 2 different fertiliser components independently and thus for adapting perfectly to the soil supply of the site.

However, it can also be used for placing fertiliser and seed (especially catch crops resp. rape). It is possible to mount the rear hopper to an already existing cultivator.

With the **HORSCH front hopper Partner FT** you have the possibility to enter the field of placed fertilisation with all **Terrano FX 3-point models**. The large individual hopper (pressurised hopper) that is attached at the front with a capacity of 1 600 litres offers a sufficient supply of fertiliser. With the optionally available additional weights the tractor can be balanced in an optimum way even if the front hopper is empty.



Partner FT



Pressurised hopper with a capacity of 1 600 litre



The design of the **Partner HT** allows for tight turning on the headlands.



The tractor is linked via a **three-point**



TerraGrip tine with piping and adjustment of the placement depth of the fertiliser depot without tools



Terrano FM with distribution tower and piping for fertiliser placement

TECHNICAL DATA



HORSCH Terrano FX	3 FX	3.5 FX	4 FX	4 FX rigid	4 FX Chassis	5 FX	5 FX Chassis	6 FX
Working width (m)	3.00	3.50	4.00	4.00	4.00	5.00	5.00	5.80
Transport width (m)	3.00	3.50	3.00	4.06	3.00	3.00	3.00	3.00
Transport height (m)	2.05	2.05	3.00	2.05	3.10	3.60	3.60	3.80
Length (m)	3.80	3.80	4.00	3.80	7.10	4.00	7.10	7.70
Weight with shear bolt protection (kg)*	1 390	1 810	2 200	2 250	3 150	3 000	3 900	---
Weight with TerraGrip tines (kg)*	1 860	2 190	2 740	2 600	3 690	3 700	4 600	5 470
Tyre size support wheels	---	---	10.0/75-15.3	---	10.0/75-15.3	10.0/75-15.3	10.0/75-15.3	10.0/75-15.3
Tyre size chassis	---	---	---	---	400/60-15.5	---	400/60-15.5	400/60-15.5
Number of tines	10	12	13	14	13	16	16	19
Tine spacing (cm) in one row	90.00	89.00	91.50	88.20	91.50	93.00	93.00	91.50
Tine spacing (cm)	30.00	29.00	30.50	29.40	30.50	31.00	31.00	30.50
Frame height (mm)	850	850	850	850	850	850	850	750
Double-acting control devices	---	---	1	---	2	1	2	2
Power demand (kW/HP)	90-147/ 120-200	100-163/ 140-220	115-180/ 160-250	115-180/ 160-250	115-180/ 160-250	150-220/ 205-300	150-220/ 205-300	175-265/ 240-360
Three-point linkage	3-pt. Cat. II/III	3-pt. Cat. II/III	3-pt. Cat. II/III/IV	3-pt. Cat. II/III	---	3-pt. Cat. II/III/IV	---	---
Connection via lower link	---	---	---	---	Cat. III-III/IV-IV	---	Cat. III-III/IV-IV	Cat. III-III/IV-IV

* Weights of the machines with minimum equipment, rigid levelling discs and RollFlex packer



HORSCH Terrano MT	4 MT	6 MT
Working width (m)	4.40	6.00
Transport width (m)	3.00	3.00
Transport height (m)	3.20	4.00
Length without drawbar (m)	9.25	9.25
Length with drawbar (m)	9.80	9.80
Weight (kg)*	6 730	7 950
Tyre size chassis	400/70-24	400/70-24
Tyre Ø chassis (cm)	120	120
Number of tines	11	15
Tine spacing (cm) in one row	80	80
Tine spacing (cm)	40	40
Width LD coulter (mm)	40	40
DiscSystem front discs Ø (cm)	52	52
DiscSystem disc size (mm)	6	6
Number of front discs DiscSystem	36	48
Cutting angle DiscSystem discs (degree)	17	17
Frame height (mm)	850	850
DA control devices lower linkage	3 (+1 with hydr. depth adjustment)	3 (+1 with hydr. depth adjustment)
DA control devices adjustable drawbar	4	4
Power demand (kW/HP)	150-200/180-250	200-270/270-370
Connection via lower link	Cat. III-III/IV-IV	Cat. III-III/IV-IV
Connection via adjustable drawbar	Hitch Ø 42-51 mm	Hitch Ø 42-51-71 mm
Connection via ball head	K 80	K 80

* Weights of the machines with adjustable drawbar with minimum equipment and double RollFlex packer

HORSCH Terrano FG	6 FG	8 FG	10 FG	12 FG
Working width without enlarging (m)	5.70	7.50	9.90	12.30
Working width with enlarging (m)	6.30	8.10	10.50	---
Transport width (m)	3.00	3.00	3.00	3.00
Transport height without enlarging (m)	3.15	3.90	4.00	4.00
Transport height with enlarging (m)	3.45	4.00	4.00	---
Length (m)	7.15	7.15	7.20	7.20
Weight (kg)*	4 085	5 258	7 395	8 605
Number of tines without extension	19	25	33	41
Number of tines with extension	21	27	35	---
Tine spacing (cm) in one row	120	120	120	120
Tine spacing (cm)	30	30	30	30
Frame height (mm)	600	600	600	600
Spacing (cm) 1. - 2. bar	80	80	80	80
Spacing (cm) 3. - 4. bar	90	90	90	90
Double-acting control devices	2	2	2	2
Power demand (kW/HP)	130-180/180-240	175-240/240-320	220-250/300-340	265-360/360-400
Width MulchMix coulters (cm)	37	37	37	37
Width ClipOn coulters (cm)	32	32	32	32
Tyre size chassis/support wheels	10.0/75-15.3	10.0/75-15.3	10.0/75-15.3	10.0/75-15.3
Connection via lower link	Cat. III-III/IV-IV	Cat. III-III/IV-IV	---	---
Connection via adjustable drawbar	Bolt Ø 40-50 mm	Bolt Ø 40-50 mm	Bolt Ø 50-70 mm	Bolt Ø 50-70 mm
Connection via ball head	K 80	K 80	K 80	K 80

* Weights of the machines with minimum equipment

HORSCH Terrano FM	5 FM	6 FM	7 FM	10 FM (3 meter)	10 FM	12 FM (3 meter)	12 FM
Working width (m)	4.80	5.90	7.00	10.26	10.26	12.15	12.15
Transport width (m)	3.00	3.00	3.00	3.00	3.63	3.00	3.63
Transport height (m)	3.30	3.85	4.00	4.00	4.00	4.00	4.00
Length (m)	---	---	---	9.50	9.50	9.50	9.50
Length without drawbar (m)	9.25	9.25	9.25	---	---	---	---
Length with drawbar (m)	9.55	9.55	9.55	---	---	---	---
Weight (kg)**	---	---	---	12 550	12 600	13 185	13 360
Weight shear bolt protection (kg)*	6 000	6 750	7 500	---	---	---	---
Weight TerraGrip (kg)*	6 600	7 500	8 400	---	---	---	---
Tyre size support wheels	15.0/55-17 (2/4)	15.0/55-17 (2/4)	15.0/55-17 (4)	400/60-15.5	400/60-15.5	400/60-15.5	400/60-15.5
Tyre size chassis	400/70-24	400/70-24	400/70-24	445/65-22.5	445/65-22.5	445/65-22.5	445/65-22.5
Number of tines	17	21	25	39	39	45	45
Tine spacing (cm) in one row	112	112	112	108	108	108	108
Tine spacing (cm)	28	28	28	26	26	27	27
Frame height (mm)	750	750	750	600	750	600	750
Double-acting control devices	2 (+1 with hydr. depth adjustment)	2 (+1 with hydr. depth adjustment)	2 (+1 with hydr. depth adjustment)	3	3	3	3
Power demand (kW/HP)	150-220/ 205-300	175-265/ 240-360	220-290/ 300-395	330-405/ 450-550	370-480/ 500-650	330-405/ 450-550	370-480/ 500-650
Connection via lower link	Cat. III-III/IV-IV	Cat. III-III/IV-IV	Cat. III-III/IV-IV	Cat. III-III/IV-IV	Cat. III-III/IV-IV	Cat. III-III/IV-IV	Cat. III-III/IV-IV
Connection via adjustable drawbar	Hitch Ø 42-51 mm	Hitch Ø 42-51-71 mm	Hitch Ø 51-71 mm	Ring hitch Ø 58-79 mm	Ring hitch Ø 58-79 mm	Ring hitch Ø 58-79 mm	Ring hitch Ø 58-79 mm
Adjustable drawbar linkage hitch ball joint	---	---	---	Eyes Ø 51-71 mm	Eyes Ø 51-71 mm	Eyes Ø 51-71 mm	Eyes Ø 51-71 mm
Connection via ball head	K 80	K 80	K 80	K 80/K 110	K 80/K 110	K 80/K 110	K 80/K 110

* Weights of the machines with adjustable drawbar with minimum equipment and double RollPack packer

** Weights of the machines with adjustable drawbar with minimum equipment and double RollFlex packer

EQUIPMENT



The depth effects and the primary use of the different **HORSCH** packer versions.

Winter packer

SteelDisc packer

Tyre packer

Cage drum roller

RollCut packer

RollFlex packer

RollPack packer



Terrano 12 FM



TerraGrip tines of the Terrano 12 FM



3 m transport width for the Terrano 12 FM



Terrano 5 FX with chassis



Terrano 3 FX mit shear bolt protection



Spring-loaded levelling discs



Rigid levelling discs



MulchMix coulter



Coulter wings for all-over cutting; working depth can be adjusted in relation to the coulter point in 2 steps; allows for extremely shallow working.



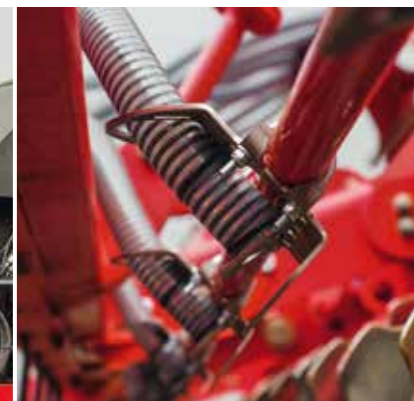
LD coulter at the Terrano MT



Ultra LD+ coulter as wear part for all cultivators



MiniDrill with a hopper capacity of 400 litres



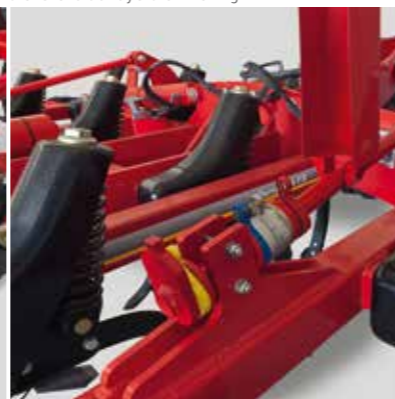
MiniDrill seed distributors put the seed directly into the wet soil



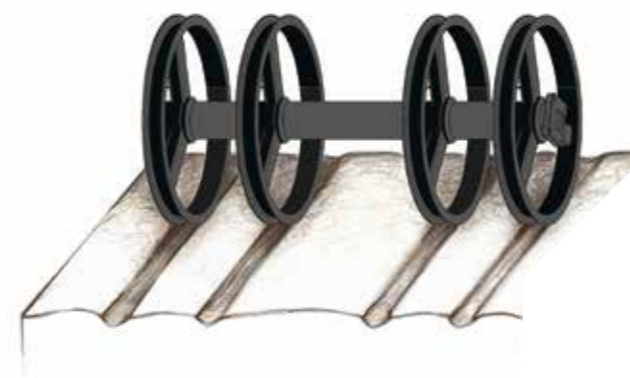
Terrano 4 FX



Optional: harrow behind the packer



Adjustment of working depth



Exact depth control with simultaneous consolidation = open surface for ventilation or for winter cultivation



Double RollPack packer



RollPack packer



www.horsch.com

Your distributor:

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