



Focus ST F

TARGETED LOOSENING, TARGETED FERTILISING,
TARGET SOWING





Focus ST F

THE TERRAGRIP TINE LOOSENS, PLACES THE FERTILISER PRECISELY AT THE SET DEPTHS AND THUS ALLOWS FOR PERFECT PLANT GROWTH.

- Loosen, place fertiliser, sow in one pass
- Row widths of 50 cm
- Packer runs directly on the tine line

- Variable depth placement of the fertiliser deposit
- Selection of various loosening tines



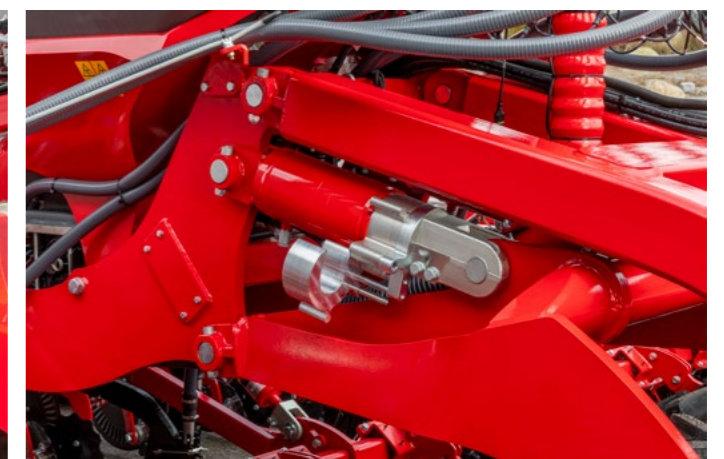
The HORSCH Focus combines three working steps in one: Thus, the loosening process is carried out in a targeted way, the fertiliser is placed in a targeted way and the seed is placed in a targeted way. The leading TerraGrip tine zone clears the seed furrow and the root area from harvest residues and loosens both. Due to the option to apply fertiliser 100% directly into the loosened root zone or 50 % of the fertiliser quantity deeply in the soil and 50 % on the surface, the machine is ideal for different sowing conditions. In excellent sowing conditions the placement of fertiliser at the cultivation depth allows for supplying the lower topsoil with fresh nutrients. If the conditions are rather wet and cold, the 50:50 placement can encourage the early growth of the crop in a targeted way and the root can be attracted downwards.

The special feature of the 6.50 is that the tines and the tyre packer are arranged in one line. Thus, the slot for the fertiliser placement is loosened first and then consolidated by the tyre packer.

The Focus ST F allows for using a 400 l MiniDrill as G&F version as well as a PPF version in addition to the 5 000 l double hopper with a partition of 60:40.



3-point for maximum flexibility



Comfortable adjustment of the working depth due to swivelling clips

LD point/LD Plus point

The LD/LD PLUS point is ideal for deep loosening with a little mixing effect. The point loosens excellently at a depth of 30 cm deep, transports only little clods to the surface and in dry conditions takes moisture from below into the germination zone.

For wear-intensive soils the point is optionally available as LD Plus version with carbide coating for a maximum service life.

- Especially for deep cultivation up to 30 cm
- Little mixing effect
- Transports very little clods to the surface
- Transports wet soil into the germination zone
- Perfect for incorporating straw
- Optional with carbide coating



LD point /LD Plus point – obvious mixing effect



LD point /LD Plus point – fertiliser application in the upper horizon



LD point /LD Plus point – mixing of the loosened area

ULD point

The ULD point is used for deep, non-mixing loosening. Due to its steep coulter ridge the soil is not transported to the surface, but is only broken. This allows for largely avoiding the formation of clods.

- Especially for deep, non-mixing loosening up to a depth of 30 cm
- Special shape protects the tine shaft
- Soil is broken in three dimensions (laterally and toward the top)
- The steep point back does not transport any soil to the surface
- Point is divided in two parts so that the main wear part can be replaced independently of the point back



ULD point loosens without mixing



ULD point does not bring any moisture from below



ULD point opens the soil and places fertiliser

Tyre packer

The large tyre packer is used to precisely consolidate the previously loosened area. Only if the loosened area is optimally consolidated and there are no cavity spaces in the soil, the grain can germinate quickly and the root can grow downward without any problems. and the root will find an optimally placed fertiliser deposit.

- Targeted and even levelling and consolidation in front of each seed coultter
- Efficient consolidation below the seed horizon for better water distribution towards the seeds
- Large tyre diameter reduces the horsepower requirement
- High operational reliability in different soils due to large tyre diameter
- The middle segment of the packer also is used as transport wheels for road transport



1-row tyre packer for even consolidation



Tyre packer directly behind the loosening tine

Disc levelling

SAFE LEVELLING IN ALL CONDITIONS

The disc levelling offers many possibilities. The aggressiveness of the 46 cm discs can be adjusted. Thus, they can be used for levelling or, with a very aggressive setting, for bringing more soil in front of the packer wheel to achieve a higher consolidation of the loosened area.

- Easy to adjust
- All-purpose
- Works reliably
- Aggressiveness can easily be adjusted
- Can be switched off hydraulically



Levelling discs can be used in all situations.

Crumbling levelling

CREATE ADDITIONAL FINE SOIL WITH THE CRUMBLING LEVELLING

The crumbling levelling crushes clods and produces additional fine soil. This fine soil is important especially when sowing rape to create a perfect seedbed so that a perfect seed-soil contact is possible. Due to the smaller diameter of 37 cm, a high speed of the crumbling tools is achieved. The increased speed increases the fine soil production.

- Easy to adjust
- Produces important fine soil
- Can be used in all situations especially in soils with a lot of clods



Focus 3 TD with crumbling levelling



Focus TD crumbling levelling system



Fine soil production with the crumbling levelling

Cutting discs with trash discs

CRUSH RESIDUES AND REMOVE ORGANIC MATTER

- Front cutting disc with scrapers in front of each tine
- Cutting disc cuts organic residues
- Cuts the soil surface
- Trash discs move the organic matter to the side
- Pressure can be adjusted hydraulically



1-bar layout of the cutting discs



Pre-cutting directly in front of each tine

SeedFrame

SEEDFRAME ALLOWS FOR MAXIMUM FLEXIBILITY

- Easy coupling and decoupling via 3-point
- Quick exchange between different coulters
- TurboDisc double disc coulters
- ParaDisc parallelogram coulters
- TurboEdge tine coulters
- WideEdge tine coulters



SeedFrame with TurboEdge tine coulters



Easy seed bar replacement due to 3-point linkage

Combination with Maestro RV

MAXIMUM MACHINE UTILISATION COMBINED WITH PERFECT SEED PLACEMENT

Optionally, the Focus can be combined with a Maestro RV seed bar.

This allows the machine utilisation to be increased considerably and the requirements of the most different crops can be addressed in a specific way.

- Increased flexibility
- Perfect singulation of row crops
- Easy changing of the seed rail
- Increasing the machine utilisation



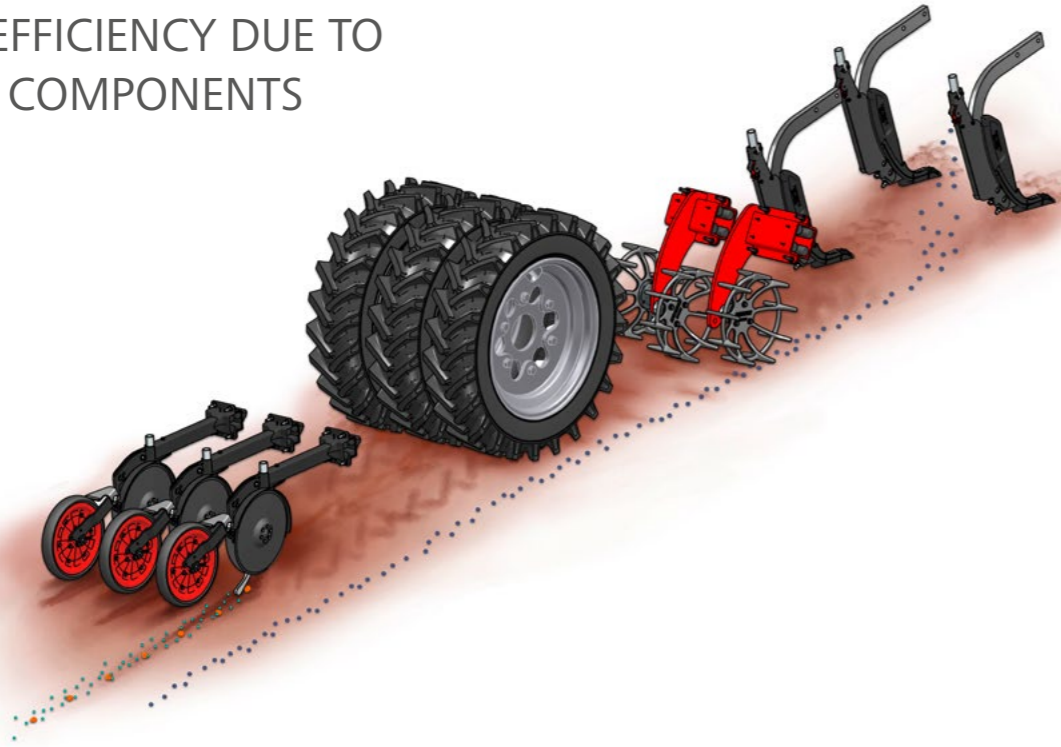
StripTill with singulation



Easy switching from seed bar to Maestro RV

MiniDrill G&F

HIGH EFFICIENCY DUE TO THREE COMPONENTS

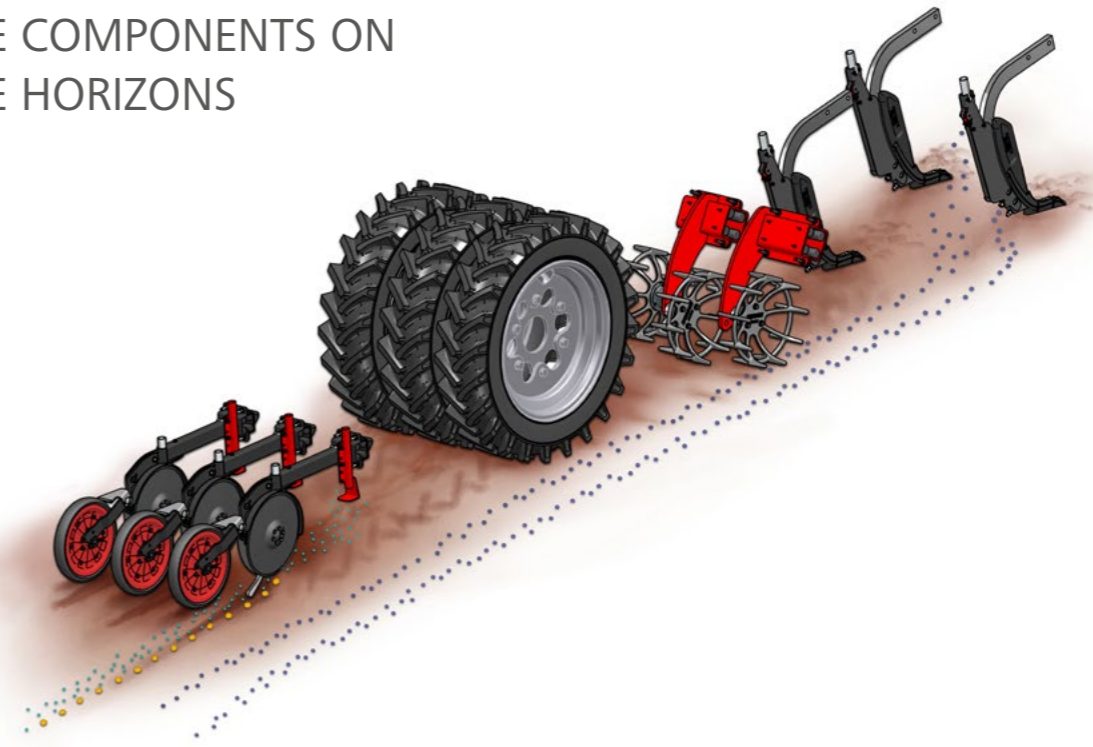


With regard to the equipment of the MiniDrill, HORSCH offers two different options. The MiniDrill G & F version serves as a third hopper for seed. When sowing rape, the efficiency of the machine can almost be doubled. The MiniDrill with a capacity of 400 l, filled with rape seed, allows for filling both large hoppers (2 000 and 3 000 l) with granular fertiliser. Thus, you can quite easily reduce filling stops and gain valuable time for sowing.

- Capacity: 400 l
- Application directly into the seed furrow
- Can be used for seed or fertiliser/micro-granular compound
- With fine seeds, efficiency can be increased enormously
- Possibility to apply up to three components

MiniDrill solo

THREE COMPONENTS ON THREE HORIZONS



The second option is the MiniDrill solo. In this case, the MiniDrill is used to take micro-granular compound, underseed or slug pellets along. This optional third component is applied via baffles on the surface of the soil. This MiniDrill version is equipped with its own fan, and its own pneumatic system with separate distribution tower and a baffle in front of every seed coulters.

The option of placing three different components precisely in three different seed horizons makes the Focus the perfect catch crop seed drill. Via the tine zone you can for example place field beans deep, the seed coulters can drill vetches on the normal seed horizon and via the baffles you can apply grass or clover.

The placement of catch crops in the optimal seed horizon, the application of microgranular compound or slug pellets as well as the possibility to drill undersown crops highlight the diverse application options of the MiniDrill solo.

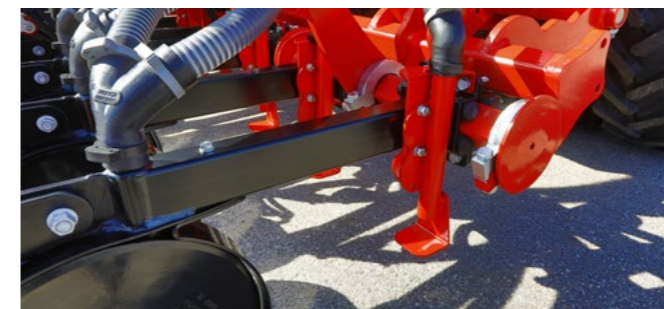
- Capacity: 400 l
- MiniDrill solo with separate fan and distribution tower
- Application of micro-granular compounds, underseed or slug pellets
- Possibility to apply up to three components
- Extremely variable – up to three components can be applied on three horizons



MiniDrill G&F – Application of a third component



MiniDrill G&F as third component



MiniDrill PPF with baffle



MiniDrill PPF – third component can be applied to another horizon

INTELLIGENCE

eosT10 / eosT10 Pro

- High-resolution 10" terminal for controlling all ISOBUS devices according to ISO 11783
- Reliable and powerful: high-performance hardware combined with intuitive, user-friendly operation in day or night mode
- Various layout options allow for a simultaneous display of several applications – for an optimum overview
- Straightforward transfer of application maps with the wireless Task Data Exchange
- A real-time transmission of the terminal display via Remote Support facilitates the technical support.



By displaying up to 3 widgets in addition to the main working screen, the user can keep track of several applications at the same time

Rotor selection

- Facilitates the selection of the optimum rotor for any application
- Wide selection range from normal seed to fine seed to fertiliser and microgranular compound
- Expert mode to carry out rotor configurations also for variable operating speeds and application rates



The HORSCH Assist app with the „Rotor Selection“ function helps you to choose the optimal rotor for each application.

AutoLine

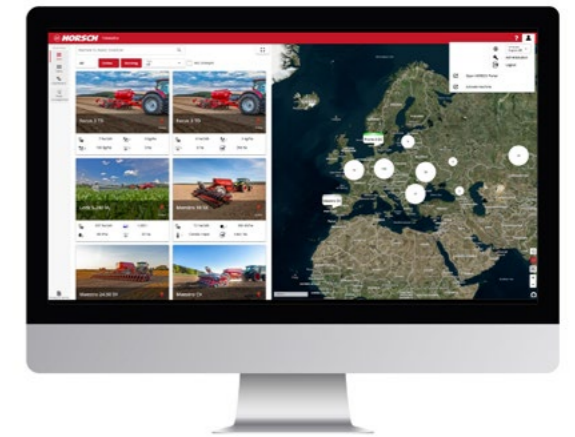
- Automatic, GPS-based tramline control
- Optimised driving strategy near obstacles or on the headlands
- Track-to-track driving is no longer required
- Available in combination with the eosT10 Pro terminal or other tramline-capable ISOBUS terminals



Drill independently of the track rhythm with universal seeding technology and HORSCH AutoLine

HorschConnect

Prepare today for tomorrow. Easily control various machine functions via the HORSCH Control app – your smartphone complements the terminal! Gain comprehensive, transparent insight into work rate and work quality with HorschConnect Telematics.

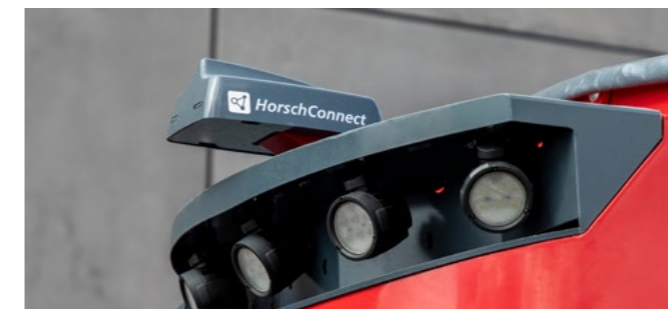


With HorschConnect, telemetry solutions are making their way into the sectors seeding and crop care – exactly where they make sense

- HorschConnect Telematics to document the performance of the machine
- HorschConnect Telematics for complete transparency of the working quality, e.g. the application rate of all components
- Targeted and proactive service by remote access to error messages
- Control of machine functions via the smartphone app HORSCH Control: e.g. Calibration of all metering devices



The HORSCH Control app allows for controlling individual machine functions – comfortably with a smartphone



Straightforward out-of-the-box solution with a wide range of integrated interfaces



Quick and easy calibration of the machine via smartphone with the HORSCH Control app

TECHNICAL DATA

Focus ST F	6.50 ST F
Working width (m)	6,00
Transport width (m)	2,98
Hopper capacity double hopper (l)	5 000 (2 000 : 3 000 l / 40 : 60)
Horsepower requirement (kW/hp)	220/300 - 330/450
Transport height (m)	3,70
Length including coulter attachment (m)	10.80 (varies depending on the mounted implement)
Axle load (kg)	8800 - 10900
Vertical load (kg)	1800 - 2300
Dimensions of the feed openings (m)	Front: 0.54 x 1.10 / rear 2x 0.54 x 0.69
Filling height double hopper (m)	2,95
Tyre size support wheels side	15.0/55-17
Tyre packer size	320/80-20 AS
Tyre packer Ø (cm)	100
Number of tines	12
Tine spacing in one row (cm)	100
Tine spacing (cm)	50
Frame height (cm)	75
Release force (kg)	630
Rebound travel (cm)	26
Diameter of cutting discs (cm)	50
Number of seed coulters	12 / 24
Row spacing (cm)	50 / 25
Coulter pressure seed coulters (kg)	Depending on the mounted implement
Operational speed (km/h)	6 - 10
DA control devices	2 (each +1 for Maestro preparation kit, MiniDrill version 2, 3)
Depressurised return flow (max. 5 bar)	1
Oil quantity hydraulic fan (l/min)	35 - 45
Implement attachment lower link	Cat. II-III/IV-IV
Implement attachment adjustable drawbar	Ring hitch Ø 58 - 79 mm
Implement attachment ball head	K 80
3-point implement attachment coulter bar	Cat. III/III





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Paper: 120 g/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. More details at www.c2c-ev.de.

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

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