



Focus TD F

THE FOCUS TD F – ADAPTS TO EVERY CROP





Focus TD F

ONE DEVICE, MANY POSSIBILITIES – FROM TINE COULTER TO MAESTRO RV

- Versatile 3-point linkage: compatible with the single grain seed drill Maestro as well as various coulters systems (TurboDisc, ParaDisc, TurboEdge, WideEdge) for different soil and crop conditions.
- Four work steps in one pass: soil loosening, fertiliser application, levelling, and precise seed placement for maximum efficiency.
- Flexible fertilisation concept: possibility of 100 % fertilisation in the root zone or a 50:50 distribution for optimal adaptation to different seeding conditions.
- High adaptability: 5 000 l double hopper and 400 l MiniDrill (G&F or solo version) for additional components such as slug pellets or underseeds.



The HORSCH Focus TD F combines four key work steps in one pass: targeted loosening, precise fertiliser application, levelling, and precise seed placement.

The preceding TerraGrip tine zone optimally prepares the root zone by removing harvest residues and deeply loosening the soil. This creates ideal conditions for seeding and the later root development.

The fertiliser concept of the Focus TD F allows for flexibly responding to different seeding conditions: either 100% of the fertiliser is applied directly into the loosened root zone, or it is applied in a 50:50 ratio, applying one half deeply and the other half superficially. In optimal conditions, deep fertilisation ensures targeted nutrient supply to the lower topsoil layer. In cool and humid weather, the 50:50 placement specifically encourages the early growth of the plants and stimulates the roots to penetrate deeper.

After the fertiliser has been placed in the soil, the loosened area is closed and consolidated. To achieve perfect seed placement in a variety of seeding conditions, choosing the right seed couler is crucial. This is made possible by the 3-point linkage at the rear of the Focus TD F. Depending on the situation, this allows for varying between the single grains seed drill Maestro and the traditional double disc coulters TurboDisc, ParaDisc, as well as the tine options TurboEdge and WideEdge when dealing with higher quantities of organic matter.

The Focus TD F models also offer maximum flexibility when using additional components: in addition to the 5 000 l double hopper a 60:40 partition, a 400 l MiniDrill – either as a G&F version or solo – can be used. The G&F version allows for the targeted application of a third component in the tine area as well as in the seed couler. Alternatively, the MiniDrill solo can apply a component superficially – ideal, for example, for slug pellets or underseeds.



Focus for deep loosening with simultaneous depot fertilisation



Focus 6.30 TD F during rapeseed seeding

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 coulters
- 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



Large tyre packer for a smooth running



1-row tyre packer for even consolidation

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.



!!! NO CONTENT IN PCM !!! 666bdd0e-bd03-427f-93d8-89d75b7ff7c3
Former content: Scheibeneinebnung für das sichere Schließen des gelockerten Streifens

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

HYDRAULICALLY ADJUSTABLE CUTTING DISCS

The application of the Focus can be extended with the optional 430 mm cutting discs. The cutting discs create a cutting effect on solid ground to cut organic residues. The cutting disc can also minimise soil movement in dry conditions by pre-cutting the top centimeters of the soil.

- Leading cutting disc in front of each tine
- Cuts organic residues
- Cuts the soil surface
- Soil movement is minimised
- Pressure can be adjusted hydraulically



Pre-cutting of soil and organic residues



1-bar design directly in front of the 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 ParaDisc 30 cm, Crossbar and RowControl distribution tower



Easy seed bar replacement due to 3-point linkage

Combination with Maestro RV

MAXIMUM MACHINE UTILISATION COMBINED WITH PERFECT SEED PLACEMENT

Optionally, the Focus 6 TD 3-point 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



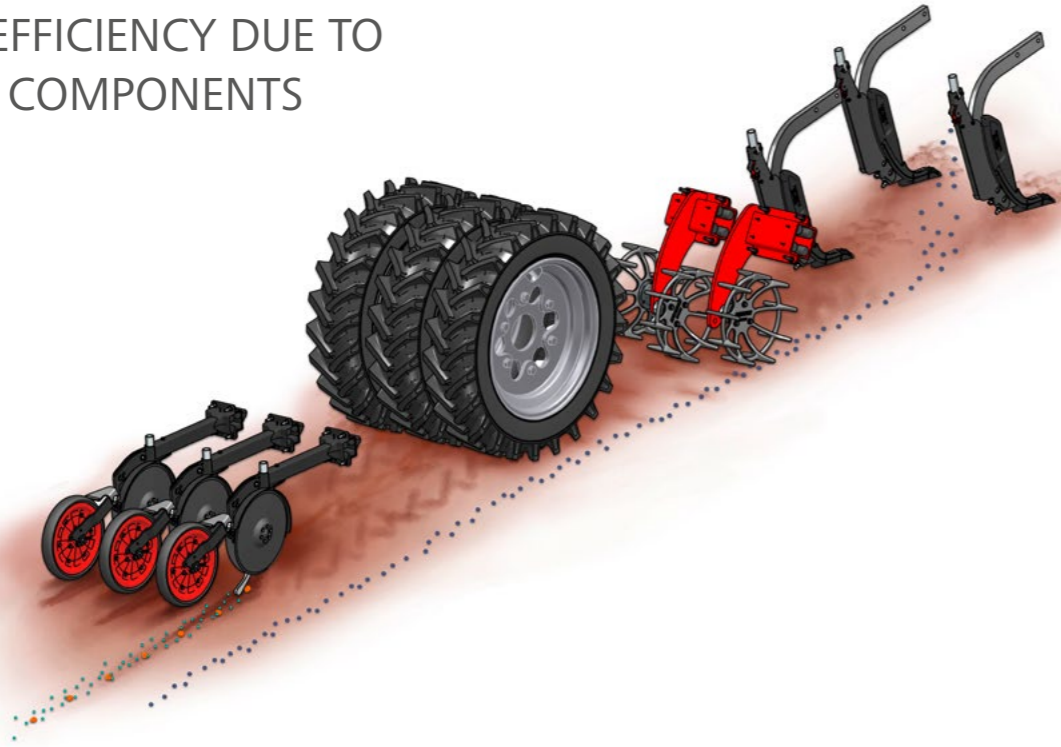
StripTill with singulation



Focus TD 3-point as combination with optional 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



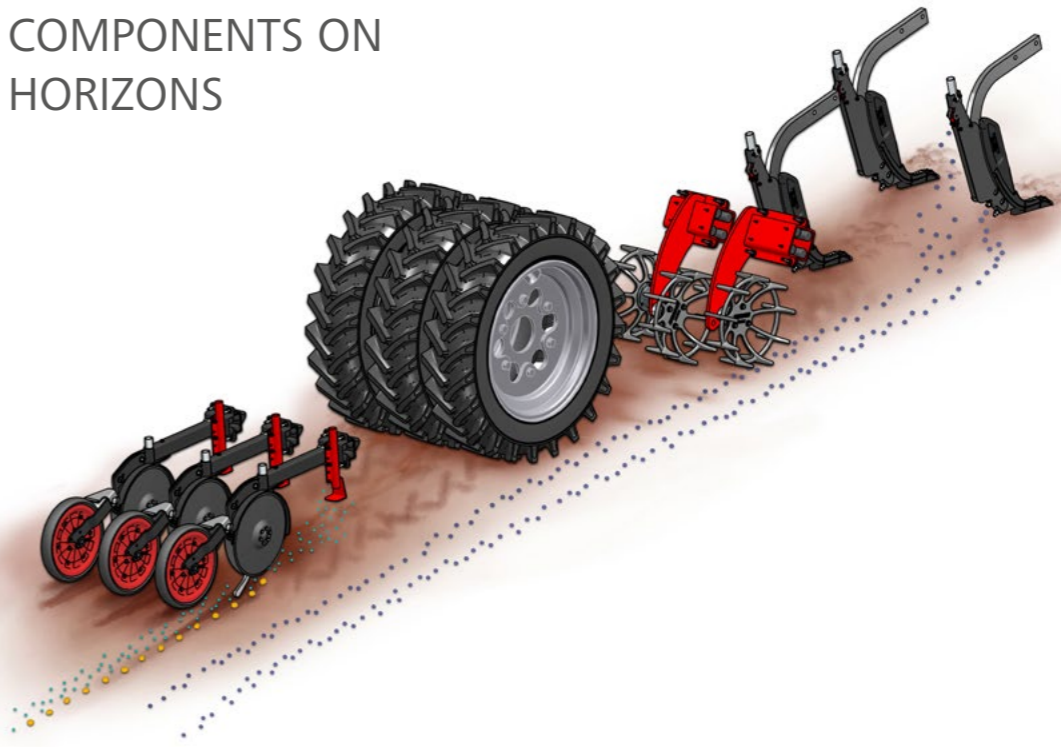
MiniDrill G&F – Application of a third component



MiniDrill G&F as third component

MiniDrill solo

THREE COMPONENTS ON THREE HORIZONS

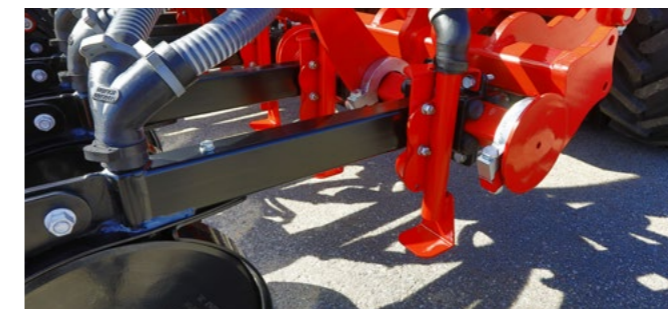


The MiniDrill PPF is the second option. In this case, the MiniDrill is used to take micro-granular compound, underseed or slug pellets along. This optional third component is applied via baffles on the surface of the soil. This MiniDrill version is equipped with its own fan, and its own pneumatic system 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 optimum seed horizon, the application of micro-granular compound or slug pellets as well as the option to sow underseeds show how variably the MiniDrill PPF can be used with the Focus TD.

- Capacity: 400 l
- PPF version is equipped with its own 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 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 seeds to fine seeds to fertiliser and micro-granular 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

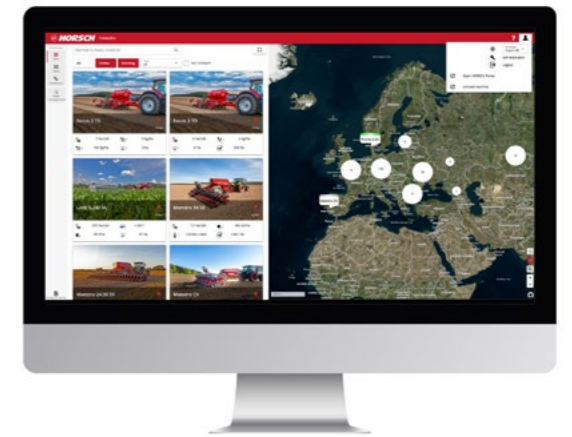
- Automatic, GPS-based tramline control
- Optimised driving strategy near obstacles or on the headlands
- Track-to-track driving is no longer required
- Available in combination with the eosT10 Pro terminal or other tramline-capable ISOBUS terminals



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.

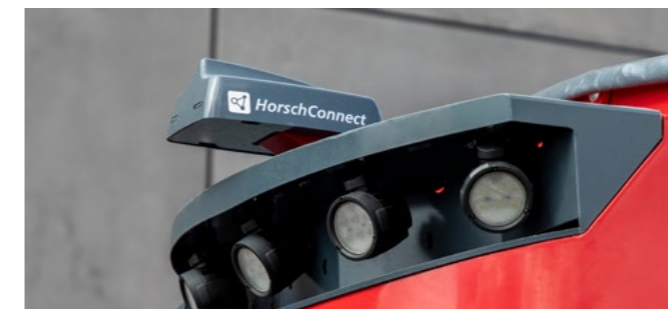


With HorschConnect, telemetry solutions are making their way into the sectors seeding and crop care – exactly where they make sense

- 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

ADDITIONAL EQUIPMENT



Fine metering insert kits for standard metering unit hexagonal shaft



Crossbar for subsequent levelling



WorkLight Pro for perfect visibility in the dark



Oil cooler at the fan



TECHNICAL DATA

Focus TD F	6.30 TD F	6.35 TD F
Working width (m)	6,00	6
Transport width (m)	2,98	2,98
Hopper capacity double hopper (l)	5 000 (2 000 : 3 000 Liter / 40 : 60)	5 000 (2 000 : 3 000 Liter / 40 : 60)
Horsepower requirement (kW/hp)	220 - 330 / 300 - 450	220-330 / 300-450
Working width with TurboDisc seed bar (m)	6,00	---
Working width with Maestro RV (m)	6,00	---
Transport height (m)	3,70	3,70
Length including coulter attachment (m)	10,80	10,80
Axle load (kg)	8 800 - 10 750	8 100 - 10 500
Vertical load (kg)	1 800 - 2 300	1 800 - 2 300
Dimensions of the feed openings (m)	Front 0.54 x 1.10 / 2 x rear 0.54 x 0.69	Front 0.54 x 1.10/rear 2x 0.54 x 0.69
Filling height double hopper (m)	2,95	2,95
Tyre size support wheels side	15.0 / 55 - 17	15.0/55-17
Tyre packer size	320 / 70 - 24 AS	320/70-24 AS
Tyre packer Ø (cm)	100	100
Number of tines (PCE)	20	17
Tine spacing in one row (cm)	60	70
Tine spacing (cm)	30	35
Frame height (cm)	75	75
Release force (kg)	630	630
Rebound travel (cm)	26	26
Number of seed coulters (PCE)	20 / 40	17 / 34
Row spacing (cm)	30 / 15	35,30 / 17,60
Coulter pressure seed coulters (kg)	15 - 125	15 - 125
Seed coulters/press wheels Ø (cm)	34 / 32	34 / 32
Operational speed (km/h)	6 - 10	6 - 10
DA control devices	2 (each + 1 for Maestro preparation kit, MiniDrill version 2, 3)	2 (each + 1 for Maestro preparation kit, MiniDrill version 2, 3)
Depressurised return flow (max. 5 bar) (BAR)	1	1
Oil quantity hydraulic fan (L2)	35 - 45	35 - 45
Implement attachment lower link	Cat. III - III/IV - IV	Cat. III - III/IV - IV
Implement attachment adjustable drawbar (mm)	Ring hitch Ø 58-79 mm	Ring towing eye Ø 58 - 79
Implement attachment ball head	K 80	K 80
3-point implement attachment coulter bar	Cat. III/III	Cat. III/III



Your distributor



HORSCH Maschinen SE & Co. KG

Sitzenhof 1 · 92421 Schwandorf

Phone: +49 9431 7143-0

Fax: +49 9431 7143-9200

E-Mail: info@horsch.com

horsch.com

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.

EN-60208838 (AGRI25)