

# Focus TD 3-point

 **HORSCH**



TARGETED LOOSENING, TARGETED FERTILISING, TARGET SOWING





## Focus TD 3-point

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
- Variable depth placement of the fertiliser deposit
- Row widths of 30 cm for rape and of 15 cm for cereals are possible
- 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 Focus 6.50 TD 3-point serves the purpose of loosening in the classical row crops with a row spacing of 50 cm. In addition, the Focus is available as a 6.30 TD 3-point with a 30 cm tine spacing, the Focus 6.35 TD 3-point with a tine spacing of 35 cm or the Focus 6/75 TD 3-point with a tine spacing of 37.5 cm, which can be extended to 75 cm.

The Focus TD 3-point allows for using in addition to the 5 000 l double hopper with a partition of 60:40 a 400 l MiniDrill as G&F version as well as a PPF version.



TurboEdge tine seed coulters for a clean seed furrow



StripTill with the Maestro 12.50 RV



# 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

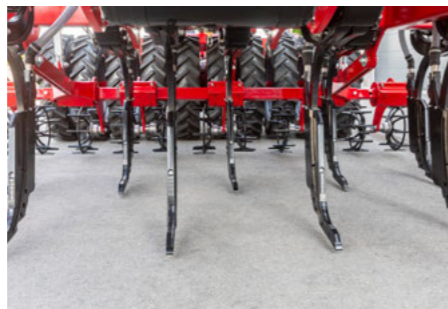
# ULD point

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, 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



Large tyre packer for deep consolidation



Large tyre packer for a smooth running

# 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.



Focus 6 TD with disc levelling



# 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

# TurboDisc seed coulters

## THE THIRD GENERATION GUARANTEES A HEADSTART IN THE FIELD OF SEED PLACEMENT

- Double disc coulters
- Creates a precise seed furrow
- Press wheel controlled (5 cm or 7.5 cm wide)
- Uniformer prevents the grains from bouncing
- Inside scraper prevents blocking and clogging of the coulters
- Coulter pressure up to 125 kg via rubber torsion
- Designed for precise seed placement at high operational speeds
- Allows for an even and safe emergence



Fall tube position in front of the mounting and moving inside scraper prevent blockage of the coulters in wet sowing conditions



Focus 3 TD with TurboDisc seed bar 30 cm row spacing

# TurboEdge seed coulters

## SOWING INTO THE OPEN FURROW

- Perfect for row spacings of 28.6 cm
- Intensive removal of harvest residues from the seed furrow
- Embedding of the seed grain with a secure soil contact
- Press roller controlled
- Optimum complement for sowing with the Focus when the preparation intensity was low



TurboEdge tine seed coulters



TurboEdge seed coulters for sowing in soils with a lot of straw

# 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

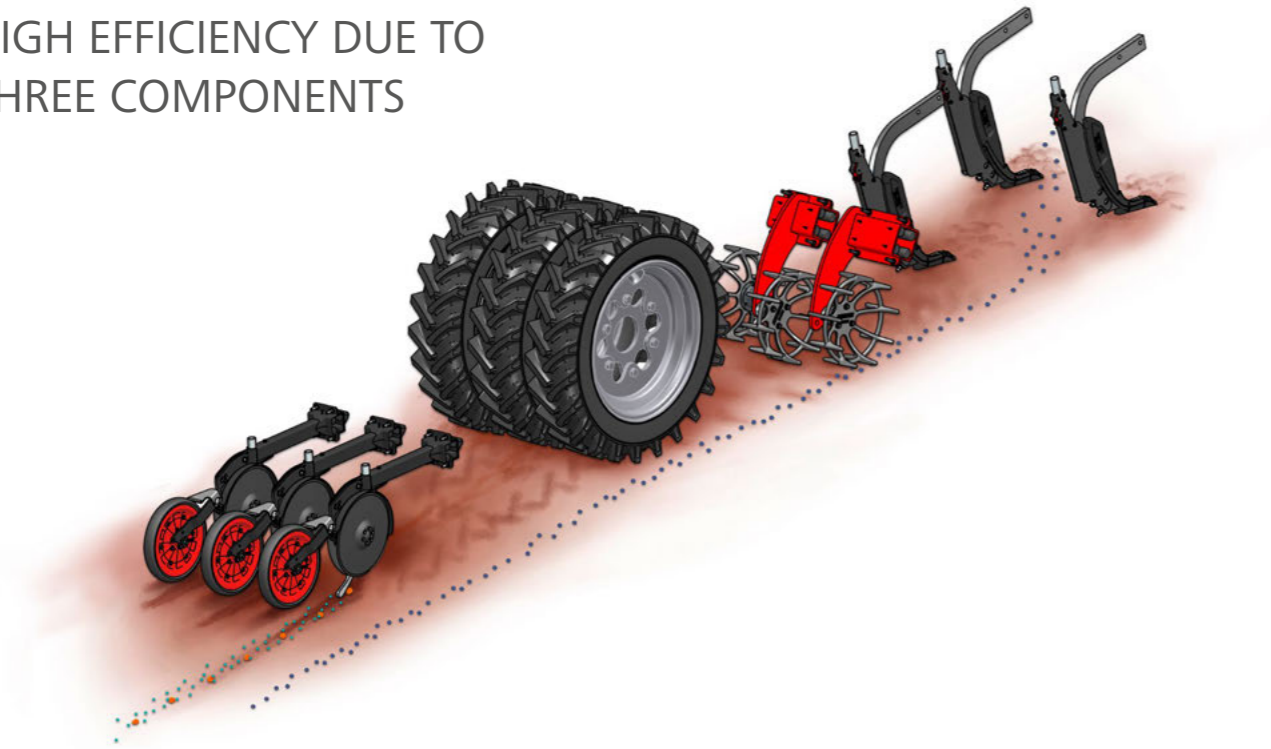


Focus TD 3-point as combination with optional Maestro RV



# 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



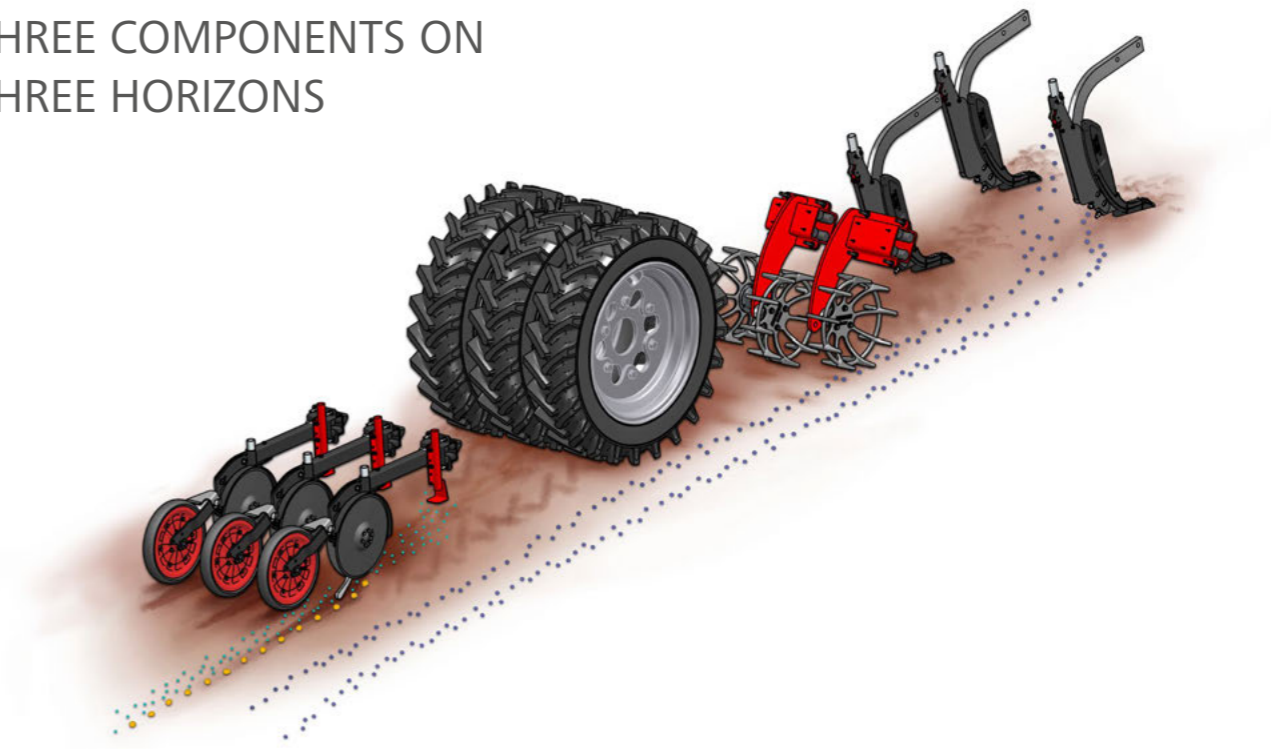
StripTill after GPS



Focus TD 3-point in prepared conditions

# MiniDrill PPF

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 deeply, 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 baffles



Residue free seed furrow due to TurboEdge tine seed coulters



Intercropping with the LD point seed coulters



# INTELLIGENCE

## eosT10 (Pro)

- High-resolution 10" terminal for controlling all ISOBUS devices according to ISO 11783
- Reliable and powerful: a high-performance hardware combined with an intuitive, user-friendly operation in daytime or night mode
- Straightforward transfer of application maps with the wireless Task Data Exchange
- Various layout options allow for a simultaneous display of several applications – for an optimum overview
- eosT10 and eosT10 Pro – one hardware, completed by two licence kits. Precision is always standard for us.



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

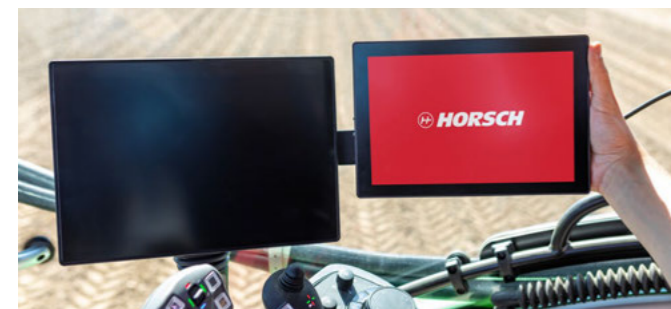
## Rotor selection

- 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



## 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 terminal eosT10 Pro



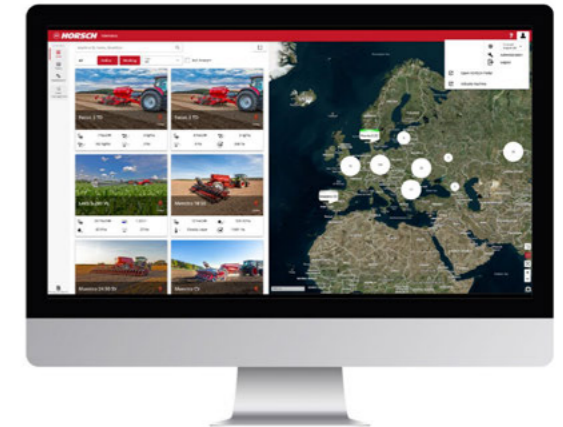
Due to the flexible holder, the eosT10 can be perfectly integrated in every cabin



The rotor selection app facilitates the selection of the optimum rotor for any application

## HorschConnect

Prepare today for tomorrow. Control different machine functions quite easily via the MobileControl app – your smartphone replaces the terminal! In addition, gain complete, transparent insight in all aspects of work performance and working quality with HorschConnect Telematics.



With HorschConnect telematics solutions can be found in the sowing and plant protection sector – exactly where they make sense

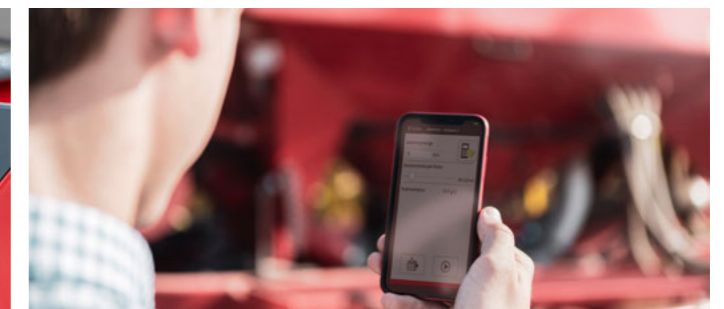
- Digital solutions exactly where they make sense
- Straightforward out-of-the-box solution with integrated SIM card, WLAN modem and other interfaces
- HorschConnect Telematics to document the performance of the machine
- HorschConnect Telematics for complete transparency of the working quality, e.g the application rate of all components
- Control of machine functions via the smartphone app MobileControl
- Control of machine functions via smartphone app MobileControl: e.g. calibration of all metering units



The MobileControl app allows for controlling individual machine functions – completely comfortably from the smartphone



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



Quick and easy calibration of the machine via smartphone with the MobileControl app

# TECHNICAL DATA

Focus TD 3-point	6 TD 3-point	6 TD 3-point	6.50 TD 3-point	6.75 TD 3-point
Working width (m)	6.00	6.00	6.00	6.00
Transport width (m)	2.98	2.98	3.47	3.30
Hopper capacity double hopper (l)	5000 (2000 : 3000 l / 40 : 60)	5000 (2000 : 3000 l / 40 : 60)	5000 (2000 : 3000 l / 40 : 60)	5000 (2000 : 3000 l / 40 : 60)
Horsepower requirement (kW/hp)	220 - 330 / 300 - 450	220 - 330 / 300 - 450	220 - 330 / 300 - 450	165 - 270 / 225 - 370
Working width with TurboDisc seed bar (m)	6.00	6.00	6.00	5.625
Working width with Maestro RV (m)	6.00	6.00	6.00	6.00
Transport height (m)	3.70	3.70	3.70	3.45
Length including coulter attachment (m)	10.60	10.60	11.08	10.60
Axle load (kg)	8800 - 10750	8100 - 10000	10000 - 10900	6600 - 8700
Vertical load (kg)	1800 - 2300	1900 - 2500	1000 - 1400	1700 - 2200
Dimension of the feed openings (m)	front 0.66x1.22/rear 0.66x1.68	front 0.66x1.22/rear 0.66x1.68	front 0.66x1.22/rear 0.66x1.68	front 0.66x1.22/rear 0.66x1.68
Filling height double hopper (m)	2.95	2.95	2.95	2.95
Tyre size support wheels side	15.0 / 55 - 17	15.0 / 55 - 17	15.0 / 55 - 17	15.0 / 55 - 17
Tyre packer size	210 / 95 - 24 AS	210 / 95 - 24 AS	320 / 70 - 24 AS	210 / 95 - 24 AS
Tyre packer Ø (cm)	100	100	100	100
Number of tines (PCE)	20	17	12	15
Tine spacing in one row (cm)	60	70.60	100	---
Tine spacing (cm)	30	35.30	50	37.50
Frame height (cm)	75	75	75	85
Release force (kg)	630	630	630	550
Rebound travel (cm)	26	26	26	29
Number of seed coulters (PCE)	20 / 40	17 / 34	12 / 24	15 / 30
Row spacing (cm)	30 / 15	35.30 / 17.60	50 / 25	37.50 / 18.75
Coulter pressure seed coulters (kg)	15 - 125	15 - 125	15 - 125	15 - 125
Seed coulters/press wheels Ø (cm)	34 / 32	34 / 32	34 / 32	34 / 32
Operational speed (km/h)	6 - 10	6 - 10	6 - 10	6 - 10
DA control devices	2 (resp. +1 for Maestro preparation kit, hydr. depth adjustment disc harrow section)	2 (resp. +1 for Maestro preparation kit, hydr. depth adjustment disc harrow section)	2 (resp. +1 for Maestro preparation kit, hydr. depth adjustment disc harrow section)	2 (+1 resp. for Maestro preparation kit)
Depressurized return flow (max. 5 bar) (BAR)	1	1	1	1
Oil quantity hydraulic fan (L2)	35 - 45	35 - 45	35 - 45	35 - 45
Implement attachment lower link	Cat. III - III/IV - IV	Cat. III - III/IV - IV	Cat. III - III/IV - IV	Cat. III - III/IV - IV
Implement attachment adjustable drawbar (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
Implement attachment ball head	K 80	K 80	K 80	K 80
3-point implement attachment coulter bar	Cat. III/III	Cat. III/III	Cat. III/III	Cat. III/III





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

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