

# Pronto 6 - 9 NT



STRIP SEEDBED PREPARATION



# Pronto 6 - 9 NT

UNIVERSAL SEED DRILL FOR ALL CONDITIONS

- Precise seed placement – for only a perfectly placed grain achieves top yields
- High seeding speed – as the optimum time for seeding is limited.

- Tolerance with regard to the condition of the seedbed – as flexibility in tillage saves money
- Ondulated discs pre-cut the seed row in a targeted way and remove harvest residues, rough structures or dry soil from the immediate seed area.



Short set-up times and maximum operational performance are often crucial in case of fast weather changes. The large seed hopper (4 000 l) ensures low idle times and even without additional ballast weight allows for a sufficient pressure of the cutting discs. It is transferred via the sophisticated machine hydraulics. If necessary, additional weights up to 1 400 kg can be mounted on the frame. Due to flexible frame parts, the contour following of the seed unit is excellent. The double hopper version (5 000 l) allows for applying seed and fertiliser at the same time.

Which three requirements does the seed drill have to meet?

- Precise seed placement – for only a perfectly placed grain achieves top yields
- High seeding speed – as the optimum time for seeding is limited.
- Tolerance with regard to the condition of the seedbed – as flexibility in tillage saves money

How does the Pronto NT achieve this even germination?

- Ondulated discs pre-cut the seed row in a targeted way and remove harvest residues, rough structures or dry soil from the immediate seed area.
- Due to their adaptability (up to 15 cm), the TurboDisc seed coulters can precisely follow the contour of the soil surface. Thus, all seeds are placed evenly at the set depth.
- 4 rubber dampers per coulters transfer a coulter pressure of up to 125 kg and ensure a smooth running of the coulter at high speeds.
- The press wheel at the end of the coulter body precisely controls the depth of the coulter and ensures an optimum seed-soil contact of the grains.



Hydraulic filling auger with an output of up to 800 kg/min



High seeding speed – as the optimum time for seeding is limited.

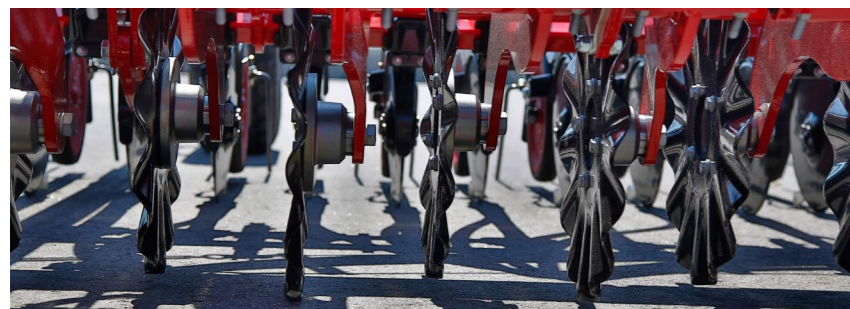


# Front tool ondulated disc

The undulated discs are used for the targeted preparation of the seed strip. This loosening at the surface is used, among others, to produce enough fine soil for an optimum embedding of the seed. Moreover, harvest residues and plant material are removed from the seed strip.

The undulated discs ensure a high operational reliability even in most difficult conditions due to a high pressure of up to 200 kg per undulated disc. Low costs and a long service life due to maintenance-free disc bearings. The connection of the coulter arms at the main frame by means of the well-proven rubber torsion suspension ensures extremely low wear. The well-known overload protection ensures that the discs can individually move upwards – this acts as a kind of shock absorber. Thus, blows are not transferred to the main frame.

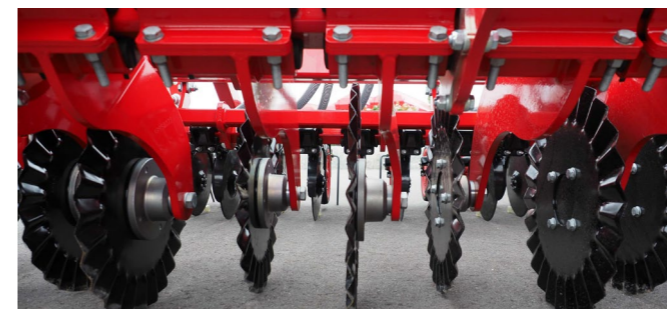
- Targeted preparation of the seed strip
- Loosening of the surface and production of enough fine soil for an optimum embedding of the seed
- Removal of harvest residues and plant material from the seed strip
- High operational reliability even in the most difficult conditions due to a high pressure of up to 200 kg per undulated disc



Ondulated disc 13x undulated Ø 18 – 30 mm wide – recommended on light soils



Ondulated disc 25x undulated Ø18 – 20 mm wide – ideal on light soils



Loosening of the surface and production of enough fine soil for an optimum embedding of the seed



Removal of harvest residues and plant material from the seed strip

# TurboDisc seed coulter

## THE THIRD GENERATION GUARANTEES A HEAD-START IN THE FIELD OF SEED PLACEMENT



A perfect embedding of the seed and an immediate seed-soil contact are important for a safe and even emergence. HORSCH perfectly copes with the challenge to achieve this objective even at high operational speeds. The solution is called TurboDisc. The double disc coulter that has been used and constantly developed further by HORSCH for more than 20 years excels due to its precise seed placement. The press wheel-controlled coulter design allows for a quick following of the soil contours at high speeds. Thus, the set placement depth can be kept up for every single grain.

The double disc seed coulter with maintenance-free bearing opens the soil and thus allows for accurate seed placement. The integrated Uniformer ensures the fixing of the seed at the bottom of the seed furrow even at very high operational speeds. A carbide coated scraper keeps the space between the discs clean and thus prevents clogging even in sticky and wet conditions. The 5 cm or 7.5 cm wide press wheel then ensures an optimum seed-soil contact and an exact depth control.

In addition to the excellent following of the soil, the TurboDisc seed bar excels due to the easy operation: with regard to their adjustment, coulter pressure and seed depth do not influence each other. The maintenance-free rubber bearings of the seed coulters transfer a coulter pressure of up to 125 kg and thus guarantee a smooth coulter – up to an operational speed of 20 km/h. Furthermore, the rubber bearing serves as an overload protection and a shock absorber for stones.

- Double disc coulter
- 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 a even and safe emergence



5 cm wide press wheel – ideal on medium and heavy soils



7 cm wide press wheel – ideal on light soils



The movable scraper ensures a high self-cleaning effect in wet conditions



The HORSCH Uniformer ensures a precise fixing of the seed



The straight harrow - TurboDisc seed coulter harrow is controlled individually for a more efficient tillage



HORSCH TurboDisc seed coulter

# Double hopper Grain & Fertiliser

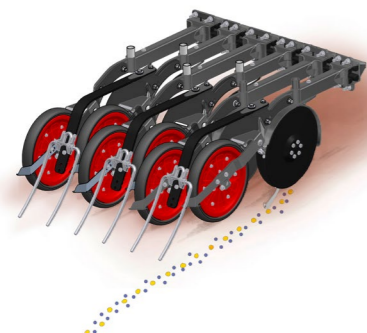
METER 2 COMPONENTS SEPARATELY



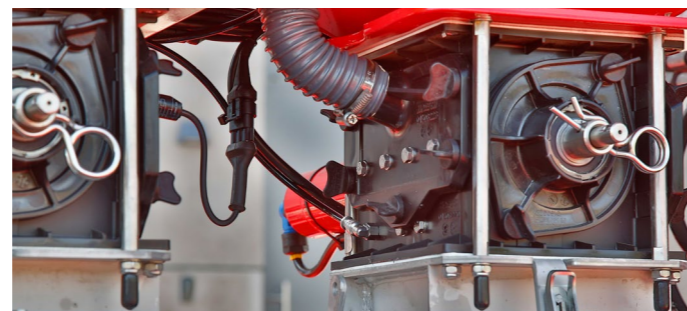
Pronto 9 NT with 5 000 l double hopper

The G & F double hopper system allows for simultaneously applying seed and fertiliser as a contact fertilisation. Both metering devices meter into one common distribution tower. Seed and fertiliser are thus placed together in one furrow. The fertiliser is immediately available to the young plant and thus contributes to a quick early growth. This system should only be used in appropriate climatic conditions and with the assistance of a crop production consultant. Not only seed and fertiliser, but also 2 different seeds can be transported, metered and sown separately.

- Both components are metered separately and are transported together via the distribution tower or the distribution towers into the seed couler.
- The G & F double hopper system allows for simultaneously applying seed and fertiliser as a contact fertilisation.
- The fertiliser is immediately available to the young plant and thus contributes to a quick early growth. This system should only be used in appropriate climatic conditions and with the assistance of a crop production consultant.
- Not only seed and fertiliser, but also 2 different seeds can be transported, metered and sown separately.



Double hopper Grain & Fertiliser – joint placement of two components via the TurboDisc seed couler



The G & F double hopper system allows for metering two components separately and for applying them together.

# MiniDrill G & F options

The double hopper versions can optionally be extended with a MiniDrill G & F with a capacity of 400 l as a third hopper for seed, fertiliser or microgranular compounds.

If the MiniDrill is for example filled with 400 l rapeseed seed, the two other hoppers can be used completely for mineral fertiliser. Filling stops are reduced and the seeding time extended. With the MiniDrill G & F version, all components are applied via the seed coulters.

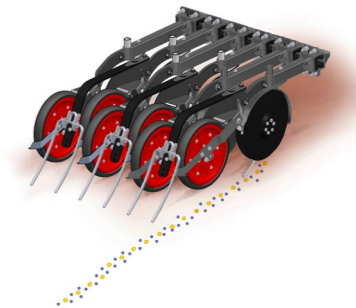
- With regard to the MiniDrill HORSCH offers various versions.
- MiniDrill as a third hopper for seed, fertiliser or microgranular compounds
- 400 l additional capacity increase the efficiency of the machine considerably.
- Rapeseed seed in the MiniDrill allows for example for filling the other hoppers with mineral fertiliser.



MiniDrill G & F version 1 with a capacity of 400 l



400 l rapeseed seed in the MiniDrill allows for filling the other hoppers with mineral fertiliser.



With the MiniDrill G & F, a third component can be applied into the seed couler.

# Hydraulic filling auger

SIMPLE FILLING TECHNOLOGY FOR EVERYONE

Due to the hydraulically operated filling auger, the Pronto NT can be filled quickly and easily with fertiliser and seed.

- For an autarkic filling
- Driven hydraulically, operated with a stop valve
- Output: 800 kg/min



Easy filling due to hydraulic filling auger



For an autarkic filling



Output 800 kg/min

# INTELLIGENCE

## HORSCH Terminal Touch 800

- Completely ISOBUS-compliant according to ISO11783
- High-resolution 8" colour display
- Various interfaces for data import resp. export
- Can be extended modularly for different ISOBUS applications
- State-of-the-art hardware – 100% Touch optimised



Touch 800 terminal

## 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
- [To the rotor selection app](https://rotor.horsch.com/RotorPublic)



## 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



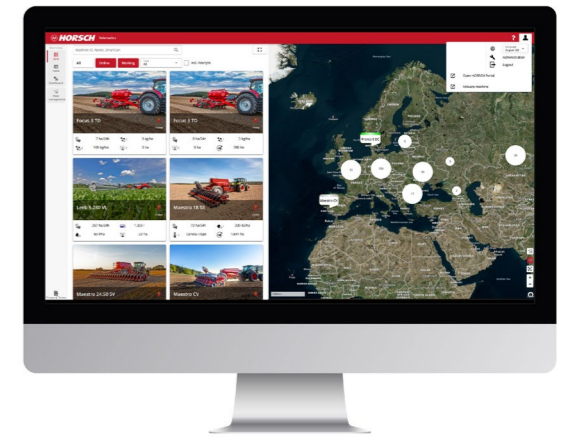
Due to the flexible holder, the eosT10 can be perfectly integrated in every cabin



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.

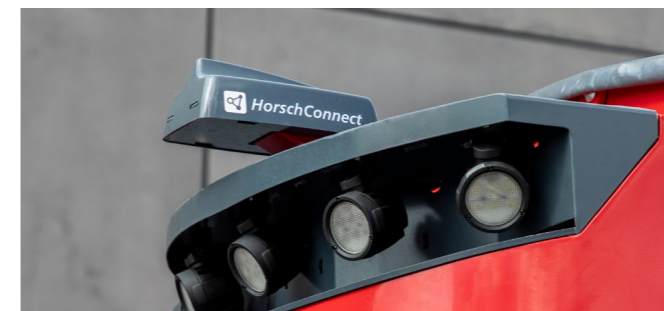


With HorschConnect telemetry solutions can be found in the sowing and plant protection sector – exactly where they make sense

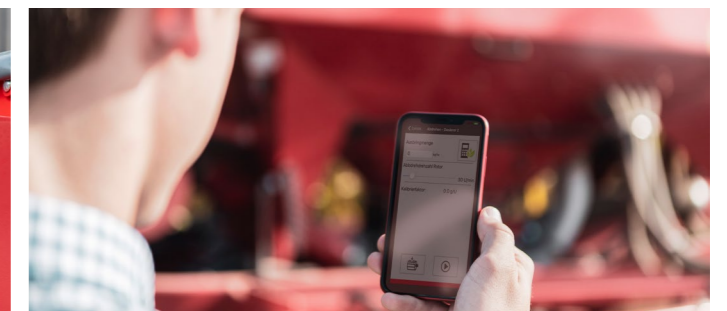
- Digital solutions exactly where they make sense
- Straightforward out-of-the-box solution with integrated SIM card, WLAN modem and other interfaces
- HorschConnect Telematics to document the performance of the machine
- HorschConnect Telematics for complete transparency of the working quality, e.g 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

Pronto 6 - 9 NT	6 NT	8 NT	9 NT
Working width (m)	6.00	8.00	8.80
Transport width (m)	3.50 (option 2.95)	3.50 (option 2.95)	3.50 (option 2.95)
Transport height cpl. without/about marker (m)	3.25	3.53 / 3.60	3.96 / 4.40
Length short/long tongue (m)	6.96 / 7.78	6.96 / 7.78	6.96 / 7.78
Axle load (kg)	4400 - 6000	5000 - 6400	5200 - 6700
Vertical load (kg)	2600 - 3300	3000 - 3800	3100 - 4000
Hopper capacity single hopper (l)	4000	4000	4000
Hopper capacity double hopper (l)	5000 (40 : 60)	5000 (40 : 60)	5000 (40 : 60)
Feed opening single hopper (m)	1.00 x 2.40	1.00 x 2.40	1.00 x 2.40
Feed opening double hopper (m)	per 0.99x0.72	per 0.99x0.72	per 0.99x0.72
Filling height single hopper (m)	2.88	2.88	2.88
Filling height double hopper (m)	2.95	2.95	2.95
Number of seed coulters (PCE)	30	40	44
Coulter pressure (kg)	15 - 125	15 - 125	15 - 125
Seed coulters/press wheels Ø (cm)	34 / 32	34 / 32	32 / 32
Row spacing seed coulters (cm)	20	20	20.45
Cutting disc system Ø (###NO_TRANSLATION-cm/inch###)	46 / 18	46 / 18	46 / 18
Tyre size transport wheels	600 / 55 - 26.5	600 / 55 - 26.5	600 / 55 - 26.5
Tyre size support wheels	10.0 / 75 - 15.3	10.0 / 75 - 15.3	10.0 / 75 - 15.3
Operational speed (km/h)	10 - 20	10 - 20	10 - 20
Horsepower requirement (kW/hp)	120 - 185 / 160 - 250	155 - 215 / 210 - 290	175 - 240 / 240 - 330
DA control devices	2	2	2
Depressurized return flow (max. 5 bar) (BAR)	1	1	1
Oil quantity hydraulic fan (L2)	45	45	45
Oil quantity folding, Lift/Lower and fan (L2)	60	60	60
Implement attachment lower link	Cat. III a. III/IV	Cat. III a. III/IV	Cat. III a. III/IV
Implement attachment adjustable drawbar (mm)	Hitch Ø 46-58 mm	Hitch Ø 46-58 mm	Hitch Ø 46-58 mm
Implement attachment ball head	K 80	K 80	K 80







Your distributor

**HORSCH Maschinen GmbH**  
Sitzenhof 1 · 92421 Schwandorf  
Phone: +49 9431 7143-0  
Fax: +49 9431 7143-9200  
E-Mail: [info@horsch.com](mailto:info@horsch.com)

**[horsch.com](http://horsch.com)**

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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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