

Pronto 6 - 7 DC



UNIVERSAL SEED DRILL FOR ALL CONDITIONS



Pronto 6 - 7 DC

FASTER – SIMPLER – SAFER

- Low horsepower requirement: low weight, possibility of intermediate and side packer mounted on the machine frame
- Up to three different components can be placed in three different horizons.

- Optional MiniDrill versions are possible as a second or third component.
- DiscSystem as a front tool: 46 cm disc diameter with high circumferential speed for high fine soil production



Pronto Principle

The continuous optimisation of the different working steps in the machine were essential for the success of the Pronto DC. By now, the Pronto principle is well-known all over the world and consists of the following three steps

1. Step: seedbed preparation

The 46 cm discs achieve very high rotational speeds, can mix the soil very aggressively, produce important fine earth and level the seedbed.

2. Step: consolidation

The tyre packer that is arranged in one line, guarantees optimum consolidation and levels the soil. Thus, it creates equal conditions for every seed coulters.

3. Step: sowing

The third generation of the TurboDisc seed coulters guarantees precise sowing. It has a coulters pressure of up to 125 kg and is maintenance-free. The double disc coulters pre-shape the seed furrow, the seed is placed, the uniformer keeps the seed in the seed furrow and the pressure roller guarantees an optimum seed-soil contact

This principle of seedbed preparation, consolidation and sowing guarantees even conditions for every sown plant and thus guarantees a homogeneous emergence.



Pronto 7 DC with front packer



The double hopper system PPF allows for a separate metering and placing of 2 components in 2 horizons

DiscSystem

IDEAL SEEDBED PREPARATION IN ALL CONDITIONS

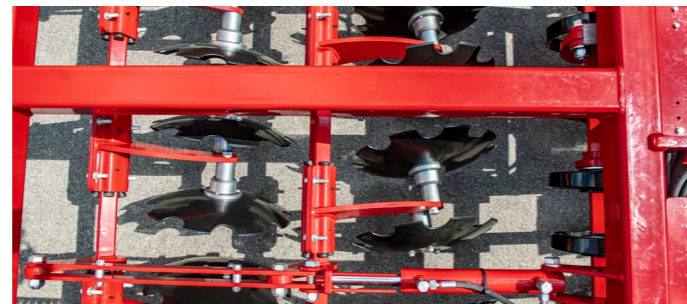


The 46 cm discs with a serrated profile achieve high rotational speeds and the penetration is excellent. The soil is mixed very aggressively, important fine soil is produced and the seedbed is levelled. Clearance is optimum as the disc elements are arranged in pairs. This additionally increases the reliability of the machine. The hydraulic depth adjustment allows for an infinitely variable adjustment while driving

- Efficient crumbling and even levelling over the whole working width
- High clearance extends the range of applications and increases reliability
- Increasing quality of work with increasing operational speed
- Hydraulic depth adjustment, infinitely variable while driving



DiscSystem Pronto DC with attachment frame for track eradicator discs



DiscSystem Pronto DC – 46 cm discs with serrated profile

Tyre packer with AS profile

RUGGED, EFFICIENT, LOW HORSEPOWER REQUIREMENT



The HORSCH tyre packer ensures a targeted and even levelling and consolidation in front of every seed coulter. The tyres are arranged in one line. Thus, clearance is optimum even on light soils. The straight tyre profile increases consolidation. The 10-ply special HORSCH tyres ensure a long service life.

An efficient consolidation below the seed horizon guarantees a better water distribution towards the seeds. The horsepower requirement is low due to large tyre diameter and no scrapers are required.

- Targeted, even levelling and consolidation in front of each seed coulter
- Straight tyre profile increases consolidation in the consolidation area
- Packer middle section also serves as a chassis for transport
- Efficient consolidation below the seed horizon for better water distribution towards the seeds
- Low horsepower requirement due to large tyre diameter and no scrapers required



Efficient consolidation below the seed horizon for better water distribution towards the seeds



Low horsepower requirement due to large tyre diameter and no scrapers required



Straight tyre profile increases consolidation in the consolidation area

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

MiniDrill option 1 & 2 – application into the seed coulters

MiniDrill version 3 with double hopper PPF – application into the seed coulters

MiniDrill version 4 with double hopper PPF – application into the PPF disc system



MiniDrill option 7: application via the baffles between the seed coulters

MiniDrill option 8: application via the baffles behind the coulters

MiniDrill option 9: application via the baffles at the optional Crossbar. Ideal for applying underseeds as they are consolidated again by the tyre packer.



MiniDrill G & F options

ADDITIONAL CAPACITY OF 400 L FOR FINE SEEDS OR MICROGRANULAR COMPOUNDS

With regard to the MiniDrill HORSCH offers various versions.

- The MiniDrill can be used as a second or third hopper for seed, fertiliser or microgranular compounds. It can either meter into the seed coulters or into an optional PPF disc system.
- The MiniDrill with a capacity of 400 l

- Example- 400 l of rape seed in the MiniDrill allow for filling the other hoppers with mineral fertiliser.
- Filling stops are easily reduced, and you gain valuable time for sowing. Thus, when sowing rape, the efficiency of the machine almost doubles.



MiniDrill in the front – Pronto DC



MiniDrill G & F options

MiniDrill Solo versions

MINIDRILL SOLO VERSIONS FOR THE APPLICATION ON ANOTHER HORIZON

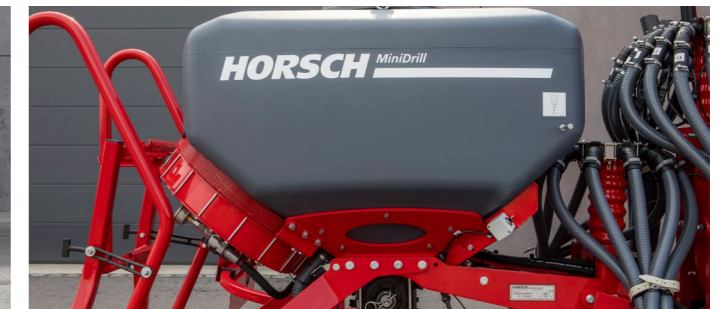
The MiniDrill Solo versions allow for three further application options.

- This further component is applied via deflector plates on the surface of the field.
- In this case, you can use the MiniDrill to take along microgranular compound, underseeds or slug pellets

- The solo versions of the MiniDrill are equipped with an own fan, an own pneumatic system with a separate distributor tower and baffles
- There are three options for the position of the baffles
 - Between or behind the seed coulters or at the optional Crossbar in front of the tyre packer of the Pronto



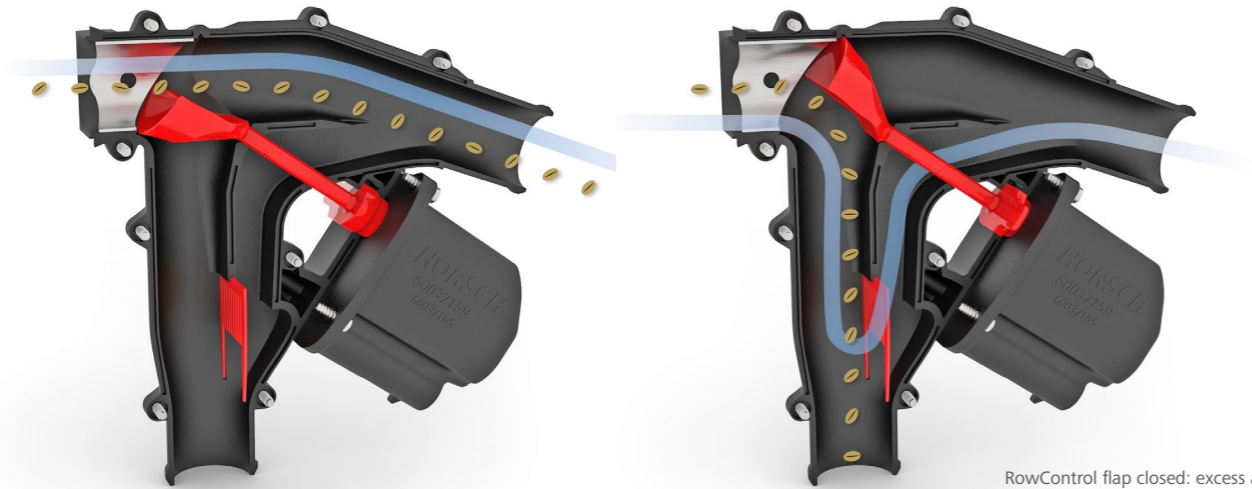
MiniDrill in the rear – Pronto DC



The MiniDrill Solo versions are equipped with an own fan, an own pneumatic system and another placement horizon

RowControl distribution tower

INDIVIDUAL ROW CONTROL FOR SEED DRILLS



RowControl flap open: seed is transported to the coulters

RowControl flap closed: excess air escapes via the coulters, the seed is transported to the injector and supplied again to the distributor tower – no lateral distribution losses

The RowControl distribution tower lifts SectionControl in seed drills to a completely new level!

The new distribution tower can do more than just SectionControl

- Possibility of individual row switch-off to the last row
- Freely selectable tramlines
- Freely adjustable row spacings

These functions are possible as with an individual row switch-off system the distribution tower can separate the air and the seed flow. Thus, this does not affect the lateral distribution.

The SectionControl offers individual row switch-off for saving fertiliser and seed. By avoiding overlaps on the headlands, in wedges or in case of obstacles, the development of the individual plant is improved and the disease and competition pressure in these areas is reduced.

Avoiding overlapping reduces the required seed quantity and prevents over-fertilisation on the headlands and in wedges. Thus, the farmer can save costs quite easily.



RowControl distribution tower – 2-tower version at the Pronto 6 & 7 DC



RowControl distribution tower

ParaDisc seed coulters – Pronto 7 DC

PERFECT SEED PLACEMENT EVEN IN DIFFICULT CONDITIONS



ParaDisc seed coulters – coulters pressure of up to 150 kg is possible

The new HORSCH ParaDisc coulters are ideal for difficult conditions and ensure a safe seed placement with coulters pressures of up to 150 kg per individual row even in a dry hard seedbed. It is equipped with well-known HORSCH components like the Uniformer, a moving scraper and the well-proven bearing technology. The experiences from the Maestro single grain seed drills and the PowerDisc seed coulters of the Serto SC were included in the design.

- Parallelogram controlled double disc coulters
- Coulters pressure up to 150 kg is possible
- Ideal for difficult conditions
- Long service life due to massive components



ParaDisc seed coulters – 7 cm wide press wheel



Pronto 7 DC with ParaDisc seed coulters



The HORSCH Uniformer ensures a precise fixing of the seed

Intermediate axle packer & front packer



Low horsepower requirement par excellence

Lowest possible track depths of the tractor in the seedbed guarantee good plant populations and reduce the horsepower requirement of the Pronto DC even further. The tyre packer that can be mounted additionally takes the weight of the machine, relieves the rear axle of the tractor and additionally levels the surface. This guarantees that the disc harrow can work more shallowly and this saves tractive power and fuel.

- Lowest possible track depths of the tractor in the seedbed
- Relieves extra load from the rear axle of the tractor
- Additional levelling of the surface
- Shallow working of the disc harrow is possible due to the lower track depths of the tractor
- Low horsepower requirement saves fuel



Front packer – Pronto 6 DC



Lowest possible track depths of the tractor in the seedbed

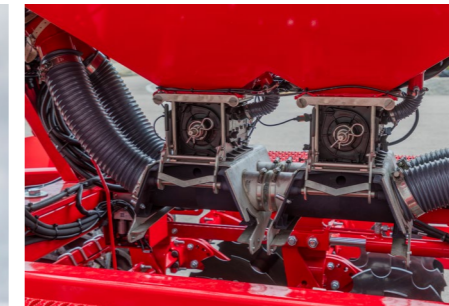


Low horsepower requirement saves fuel

ADDITIONAL EQUIPMENT



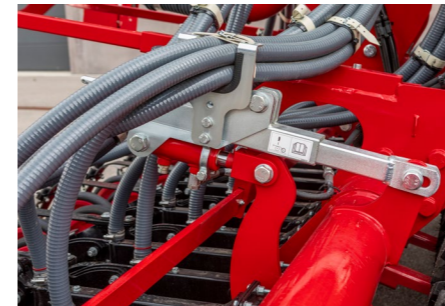
WorkLight Pro



Double hopper G & F – meter different components separately and place them together in the seed couler



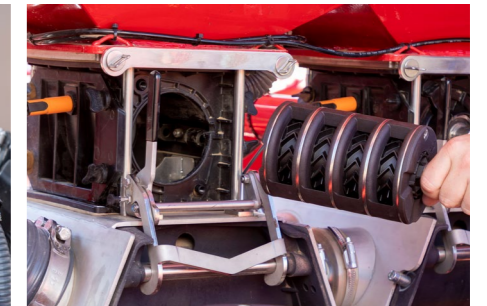
External position of the PPF distribution tower for optimum accessibility



The couler pressure can be increased via the tractor control device



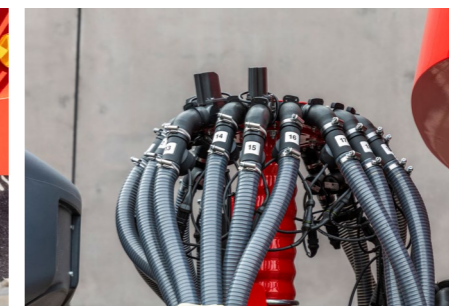
Spelt pneumatics for husk-bearing seeds



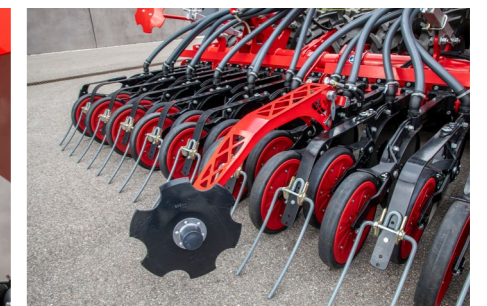
Fine metering insert – rotor



The harrow is placed between the DiscSystem and the tyre packer. The adjustment is carried out mechanically via a hole pattern.



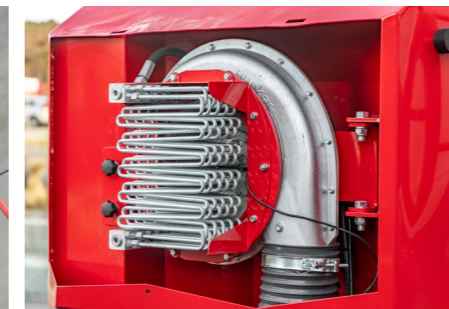
Fertiliser and seed flow control – for a permanent monitoring of the seed and fertiliser hoses



The aggressiveness of the pre-emergence marker is adjusted via a depth stop



Oil cooling on the hydraulic fan – heats the air flow in the pneumatic system



Reduces the oil temperature in the system and relieves the oil cooler of the tractor



Monitoring of the pneumatic flow at the distribution tower

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



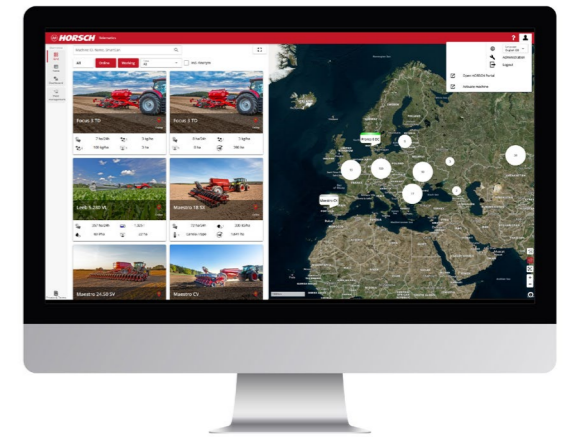
Due to the flexible holder, the eosT10 can be perfectly integrated in every cabin



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.

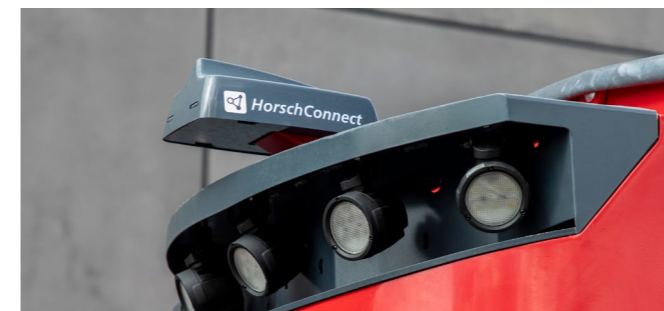


With HorschConnect telemetry solutions can be found in the sowing and plant protection sector – exactly where they make sense

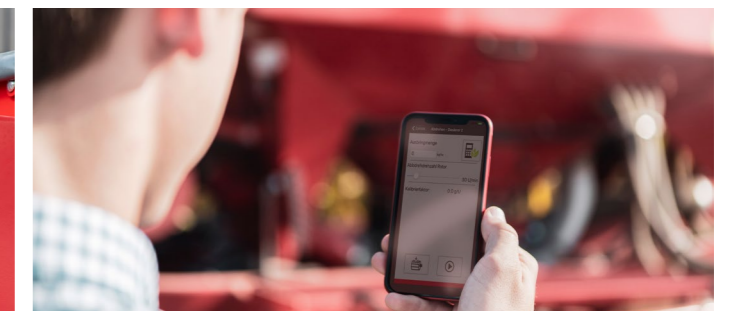
- Digital solutions exactly where they make sense
- Straightforward out-of-the-box solution with integrated SIM card, WLAN modem and other interfaces
- HorschConnect Telematics to document the performance of the machine
- HorschConnect Telematics for complete transparency of the working quality, e.g 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 - 7 DC	6 DC	7 DC
Working width (m)	6.00	7.20
Transport width (m)	3.00	2.98
Transport height (m)	2.99	3.93
Length (m)	8.30	8.50
Axle load (kg)	5700 - 8900	7800 - 10000
Vertical load (kg)	700 - 1600	750 - 2000
Seed hopper capacity (l)	4000	4000
Hopper capacity double hopper (l)	5000 (40 : 60)	5000 (40 : 60)
Hopper capacity MiniDrill (l)	400	400
Feed opening single hopper (m)	0.75 x 2.40	0.75 x 2.40
Feed opening double hopper (m)	0.66 x 2.40	0.66 x 2.40
Filling height single hopper (m)	2.65	3.10
Filling height double hopper (m)	2.90	2.95
Number of PPF coulters (Piece)	20	24
Coulter pressure PPF coulters (kg)	up to max. 200	up to max. 200
Number of seed coulters (Piece)	40	48
Coulter pressure seed coulters TurboDisc (kg)	15 - 125	15 - 125
Coulter pressure seed coulters ParaDisc (kg)	---	25 - 150
Seed coulters/press wheels Ø TurboDisc (cm)	34 / 32	34 / 32
Row spacing (cm)	15	15
Tyre packer size	7.50 - 18 AS	7.50 - 18 AS
Tyre packer Ø (cm)	85	85
Operational speed (km/h)	10 - 20	10 - 20
Horsepower requirement (kW/hp)	120 - 185 / 160 - 250	145 - 205 / 200 - 280
DA control devices	3 (resp. +1 for filling auger, coulter pressure adjustment, Crossbar)	3 (resp. +1 for filling auger, coulter pressure adjustment, Crossbar)
Depressurized return flow (max. 5 bar)	1	1
Oil quantity hydraulic fan (l/min)	20-25 single hopper / 35-45 double hopper	20-25 single hopper / 35-45 double hopper
Implement attachment lower link	Cat. II/III - III - III/IV	Cat. II/III - III - III/IV
Implement attachment adjustable drawbar (mm)	Bolt Ø 40 - 50	Pin Ø 40 - 50
Implement attachment ball head	K 80	K 80





Your distributor

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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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