

Pronto AS



PRECISE AND FLEXIBLE



Pronto AS

UNIVERSAL SEED DRILL FOR ALL CONDITIONS

- Safe emergence due to perfect embedding of the seed
- Optimum utilisation of the ideal sowing times due to high hectare output and operational speeds up to 20 km/h
- Maximum flexibility due to exchangeable seed bar
- Large chassis tyres for road transport



The Pronto 6 AS allows for using the seed wagon with front tools in combination with the TurboDisc/tyre packer combination or the Maestro RV.

If you work with the TurboDisc coulters attachment when row seeding, high operational speeds up to 20 km/h are possible resulting in a high hectare output. The well-proven Pronto principle “seedbed preparation, consolidation and seeding” guarantees utmost precision regarding the seed placement and a safe emergence.

For sowing row crops (e.g. maize and beets), the Pronto 6 AS can be combined with a Maestro RV. The singulation system of the Maestro guarantees that the crop is sown according to the single grain method and that the seed wagon of the Pronto 6 AS can be used for fertiliser. The front disc harrow that prepares the seedbed and levels the tractor tracks is an additional asset.

You can switch between the TurboDisc coulters attachment and the Maestro RV very easily and quickly due to the integrated 3-point interface of the Pronto 6 AS.

The Pronto 6 AS can be equipped with a large single hopper (3 500 l) for a high output. A double hopper (5 000 l) to place seed and fertiliser is available as an option. Fertiliser can either be applied together with the seed (G & F) or as a separate underground fertilisation (PPF) beside the row.

The chassis of the Pronto 6 AS is equipped with a separate axle. All turns and road transports are carried out on large tyres (800/45–26.5).

In working position, the tyres are lifted completely in combination with the TurboDisc/tyre packer combination to make sure that the targeted consolidation is carried out with the tyre packer. When working with the Maestro RV, the transport wheels reliably carry the weight of the seed wagon. The Pronto 6 AS shows its advantages especially for contractors and farms with long distances between the fields.



Optimum utilisation of the ideal sowing times due to high hectare output and operational speeds up to 20 km/h



Large chassis tyres for road transport

DiscSystem

IDEAL SEEDBED PREPARATION IN ALL CONDITIONS

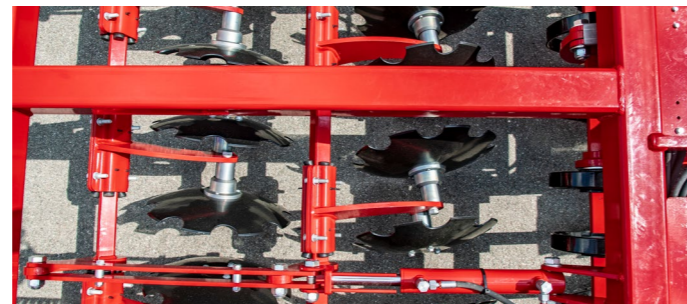


The 46 cm discs with a serrated profile achieve high rotational speeds and the penetration is excellent. The soil is mixed very aggressively, important fine soil is produced and the seedbed is levelled. Clearance is optimum as the disc elements are arranged in pairs. This additionally increases the reliability 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

Intermediate axle packer & front packer

LOW HORSEPOWER REQUIREMENT PAR EXCELLENCE



Low horsepower requirement: low weight, possibility of intermediate and side packer mounted on the machine frame

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



Intermediate packing system – Pronto 3 & 4 DC



Front packer – Pronto 6 DC

Fertiliser and seed flow control

FLOW CONTROL AT THE DISTRIBUTION TOWER

The fertiliser and seed flow control is a reasonable electronic solution to prevent sowing errors. The sensors control the flow directly behind the distribution tower and detect blockages. Thus, the individual pneumatic hoses are monitored and within seconds you get a notification in the terminal – both acoustic and visual.

- For a complete monitoring of the seed and fertiliser hoses
- Warning if a pneumatic hose is blocked
- Sowing errors are avoided
- Monitoring of the pneumatic flow at the distribution tower



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



Monitoring of the pneumatic flow at the distribution tower

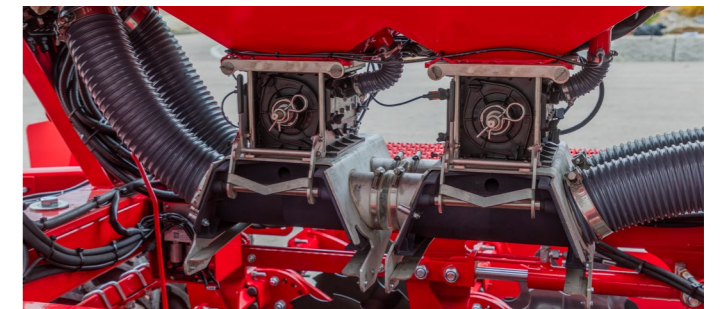
Double hopper Grain & Fertiliser

METER 2 COMPONENTS 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 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



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

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

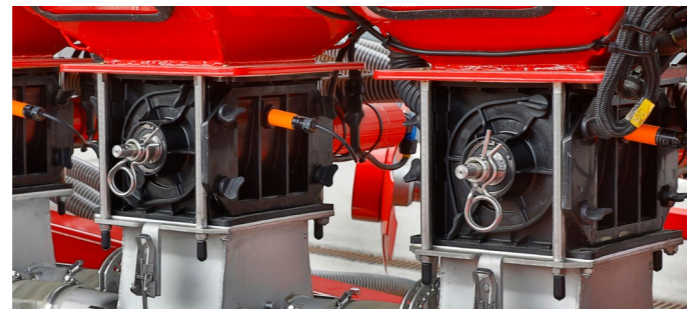


AutoLine

- 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



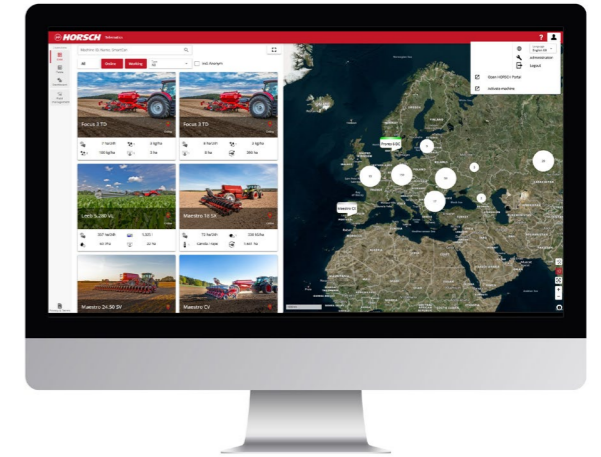
Due to the flexible holder, the eosT10 can be perfectly integrated in every cabin



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

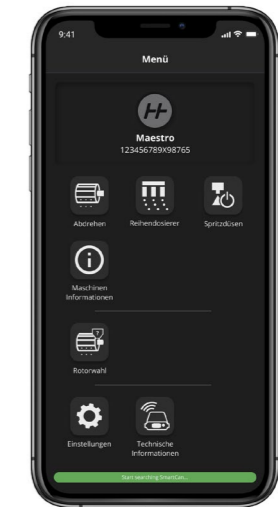
HorschConnect

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

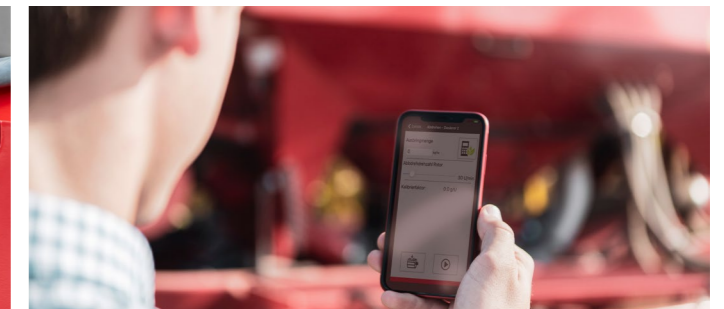
- Digital solutions exactly where they make sense
- Straightforward out-of-the-box solution with integrated SIM card, WLAN modem and other interfaces
- HorschConnect Telematics to document the performance of the machine
- HorschConnect Telematics for complete transparency of the working quality, e.g 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 AS	6 AS
Working width (m)	6.00
Transport width (m)	2.95
Transport height (m)	4.00
Length to coulter end (m)	9.50
Length incl. bout marker (m)	10.50
Axle load (kg)	7800 / 9300
Vertical load (kg)	350 / 1400
Seed hopper capacity (l)	3500
Hopper capacity double hopper (l)	5000 (40:60)
Hopper capacity microgranular compound unit (l)	250
Feed opening single hopper (m)	1.00x2.40
Feed opening double hopper (m)	0.66x2.45
Filling height single hopper (m)	2.70
Filling height double hopper (m)	2.95
Number of seed coulters	40
Number of PPF coulters	20
Coulter pressure seed coulters (kg)	5–120
Coulter pressure PPF coulters (kg)	max. 200
Seed coulters/press wheels Ø (cm)	34/32
Row spacing (cm)	15
Tyres seed waggon	800/45–26.5/12 TR
Tyre packer Ø (cm)	78–7.50/16 AS
Operational speed (km/h)	10 - 20
Horsepower requirement (kW/hp)	130/180 - 185/250
DA control devices	3 (resp. +1 for filling auger, coulter pressure adjustment, Crossbar)
Depressurized return flow (max. 5 bar)	1
Oil quantity hydr. fan single hopper (l/min)	20 - 25
Oil quantity hydr. fan double hopper (l/min)	35 - 45
Oil quantity hydr. fan vacuum Maestro RV / RX (l/min)	25
Implement attachment coulter bar 3-point	3-point Cat. II/III
Implement attachment lower link	Cat. II/III – III – III/IV
Implement attachment adjustable drawbar (mm)	Pin Ø 40–50
Implement attachment ball head	K 80





Your distributor

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Paper: 120g/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. For more details see 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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