

Pronto KR

 **HORSCH**



PERFECT SEEDING ON EXTREMELY HEAVY SOILS



Pronto KR

UNIVERSAL SEED DRILL FOR ALL CONDITIONS

- Efficient consolidation in front of the seed coulters is carried out by different packer options
- Integrated pivoted frame for more precision – every machine half can independently adapt its angle to the terrain
- Intensive tillage due to pto-shaft driven rotary harrow
- Working depth adjustable independently of the seed depth, connection of the rotary harrow via a parallelogram



Pronto KR

What are your requirements for the new seeding technology?

Precise seed placement is the objective of the seeding technology as only a perfectly placed grain achieves top yields. A high seeding speed allows for seeding at the optimum seeding time. This is decisive in case of unstable weather. The Pronto KR has a certain tolerance with regard to seedbed conditions as flexibility with regard to tillage saves money.

How does the Pronto achieve this even emergence?

The power harrow reliably produces fine soil even on extremely heavy soils. Targeted consolidation with packer systems that are adapted to the site ensure optimum seeding conditions and a contact of the seed furrow to the water. 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 pressure of up to 120 kg and ensure a smooth running of the coulters at high operational speeds. The press wheel at the end of the coulters body precisely controls the depth of the coulters and ensures an optimum seed-soil contact of the grains.



The main characteristics of this drill are the clear arrangement and manoeuvrability as well as an easy machine operation.



Integrated pivoted frame for more precision – every machine half can independently adapt its angle to the terrain

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

Kredo rotary harrow

ACTIVE SEEDBED PREPARATION



- Long service life due to solid and massive gear unit
- Tines can be changed without any tools
- 10 rotors for maximum clearance for 3 m working width
- Actively driven seedbed preparation for different requirements
- Targeted control of the cultivation intensity in the seedbed by adapting the working speed and the rotational speed of the rotary harrow (standard 244 or 306 rpm)
- Solid and massive gear unit and drive for highest stresses in the field
- Targeted control of idle time and working effect: tines are arranged draggingly for seedbed preparation on intensely cultivated fields:
 - Standard tine
 - HM tine (reinforced for long service life)
 - HM+ tines (extreme wear protection with carbide technology from the cultivator sector)
- Tine on grip for aggressive cultivation of solid soils



Tines can be changed without any tools

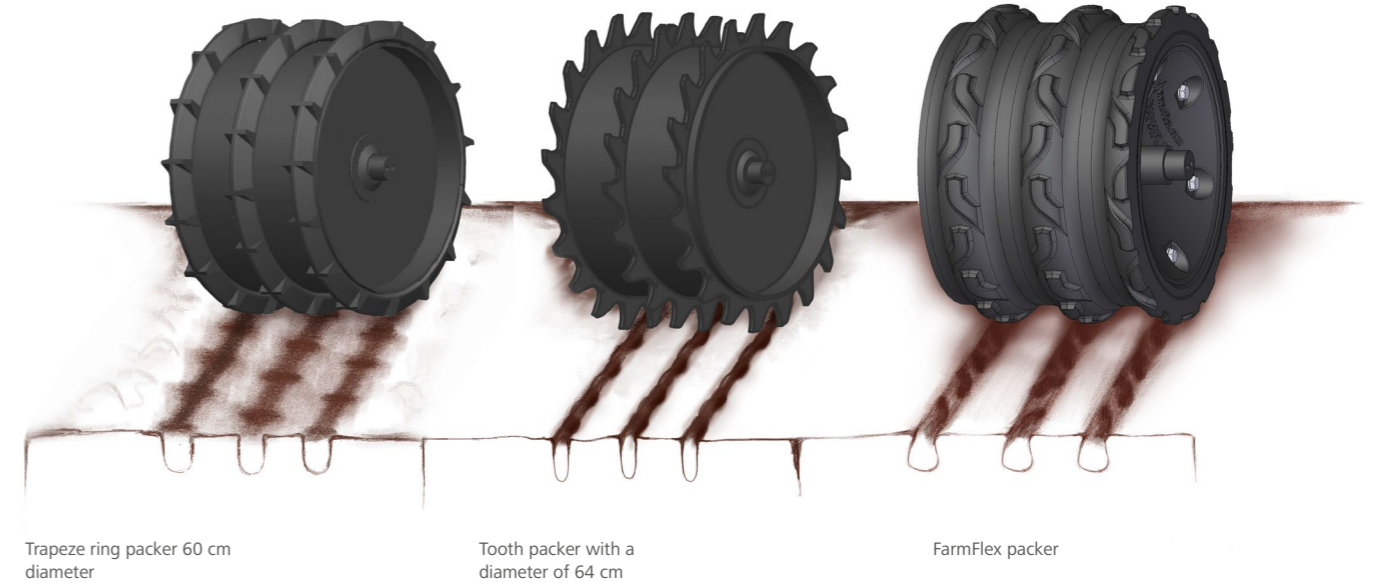


Working depth adjustment of the Kredo power harrow

PACKER SYSTEMS

VERSATILE FOR OPTIMUM RESULTS

The depth effects and the main applications of the different HORSCH packer versions.



Trapeze ring packer 60 cm diameter

Tooth packer with a diameter of 64 cm

FarmFlex packer

Trapeze ring packer

- Ideal in changing conditions
- For a targeted consolidation in front of every seed row
- In wet conditions, scrapers clean the packer roller

Tooth packer roller

- Large diameter guarantees a high load-carrying capacity especially on light soils
- Excellent drive through the packer teeth have a positive effect on diesel consumption
- The teeth of the tooth packer leave a crumbly structure and fine soil.

FarmFlex packer

- Robust rubber roller with a diameter of 54 cm
- Strip consolidation
- Ideal on medium soils with non-sticky soils

Cracker packer

- Ideal on heavy, loamy/clayey soils
- Depth consolidation
- The wave profiles on the roller rings combined with stop ridges improve the structure on extreme soils and increase the driving power.
- In case of wet soil conditions, it is possible to work without blocking



Cracker packer

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 workin 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



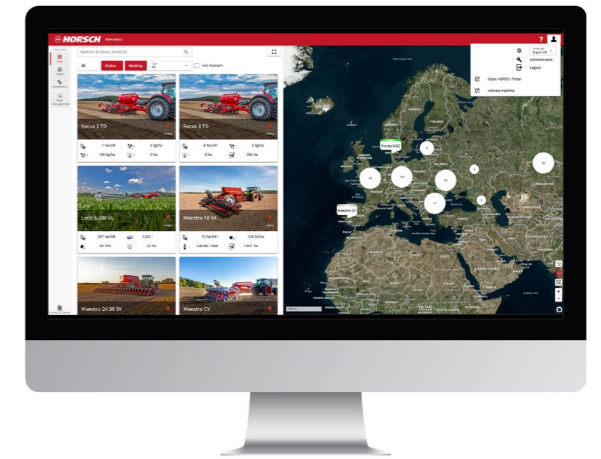
Due to the flexible holder, the eosT10 can be perfectly integrated in every cabin



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

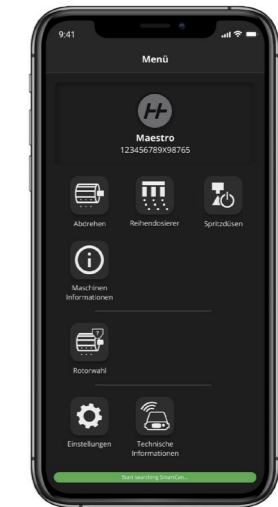
HorschConnect

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

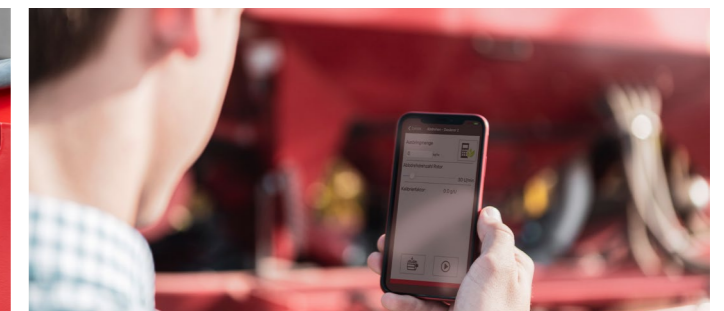
- Digital solutions exactly where they make sense
- Straightforward out-of-the-box solution with integrated SIM card, WLAN modem and other interfaces
- HorschConnect Telematics to document the performance of the machine
- HorschConnect Telematics for complete transparency of the working quality, e.g 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 KR	6 KR
Working width (m)	6.00
Transport width (m)	3.00
Row spacing (cm)	15.0 / 12.5
Transport height (m)	3.50
Length (m)	7.27
Axle load (kg)	3900 - 4600
Vertical load (kg)	3700 - 4500
Tyre size transport wheels	550/45-22.5
Seed hopper capacity (l)	2800
Number of seed coulters	40 / 48
Coulter pressure (kg)	5 - 120

Seed coulters/press wheels Ø (cm)	34 / 32
Packer FarmFlex packer Ø (cm)	55
Packer Cracker packer Ø (cm)	54
Packer tooth packer Ø (cm)	53
Packer trapeze ring roller Ø (cm)	50
Operational speed (km/h)	6 - 13
Horsepower requirement (kW/hp)	160/220 - 240/330
DA control devices	2
Oil quantity hydr. fan (l/min)	20 - 25
Depressurized return flow (max. 5 bar)	1
Implement attachment lower link	Cat. III – III/IV– IV



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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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