

Express KR foldable

 **HORSCH**



PROFESSIONAL SEED DRILL WITH 3-POINT LINKAGE



Express KR foldable

3-POINT SEED DRILL WITH POWER HARROW KREDO

- 3-point seed drill for an intensive seedbed preparation even in difficult conditions
- Packer versions for different conditions are available

- TurboDisc seed coulters ensure a perfect seed placement

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 draggily 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

PTO-shaft driven tillage with the rotary harrow Kredo allows for an intensive seedbed preparation even in difficult conditions. The rotary harrow Kredo has 10 rotors on 3 m working width. Its robust design is ideal even on stony soils. With quick-change tines, it can be equipped with drag or grip tines. Tines with carbide coating are available to ensure a long service life. The well-proven coating technology from the cultivator tine products is used. The finely graduated adjustment of the working depth for the rotary harrow is easily accessible from the outside and is clearly visible. The adjustment of the levelling bar, too, is very easy.



Power harrow Kredo for seedbed preparation



Deflector rail in the front is available as an option

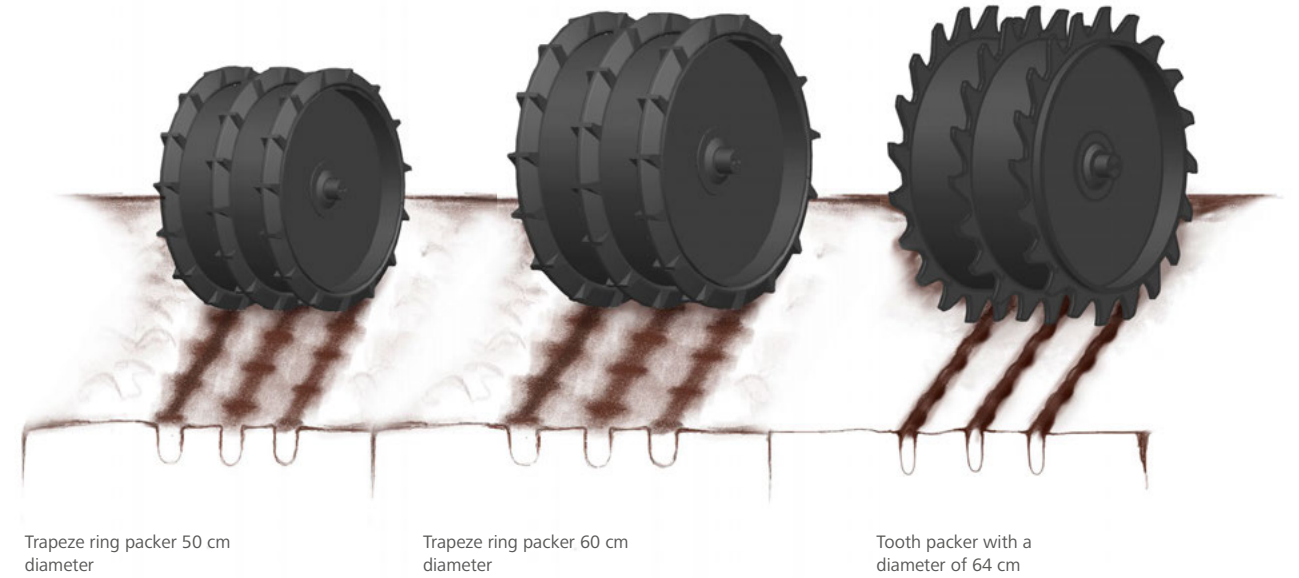


Tines can be changed without any tools

PACKER SYSTEMS

VERSATILE FOR OPTIMUM RESULTS

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



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.



Trapeze ring packer 50 cm diameter



Trapeze ring packer 60 cm diameter

TurboDisc seed coulters



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 coulters that have been used and constantly developed further by HORSCH for more than 20 years excel due to their precise seed placement. The press wheel-controlled coulters 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 coulters 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, coulters pressure and seed depth do not influence each other. The maintenance-free rubber bearings of the seed coulters transfer a coulters pressure of up to 125 kg and thus guarantee a smooth coulters – 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 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
- Coulters pressure up to 125 kg via rubber torsion
- Designed for precise seed placement at high operational speeds
- Allows for an 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 coulters harrow is controlled individually for a more efficient tillage



HORSCH TurboDisc seed coulters

Partner 1600 FT

- Can be combined with tillage tools and seed drills
 - Single hopper with a capacity of 1 600 l
 - Optimum weight distribution
 - High manoeuvrability
- Pressurised hopper prevents any release of dust in the front of the tractor
 - Compact, clearly arranged front tank
 - Large hopper opening



Compact, clearly arranged front tank



Single hopper with a capacity of 1 600 l



Express 4 KR during road transport

Partner 2000 FT

- Double hopper with a capacity of 2 200 l
 - Can be combined with tillage tools and seed drills
 - Double hopper version for Grain & Fertiliser or microgranular compound fertilisation
 - Easy entry into the sector of placed fertilisation
 - Application of seed and fertiliser
- Optimum weight distribution
 - High manoeuvrability
 - Pressurised hopper prevents any release of dust in the front of the tractor
 - Compact, clearly arranged front tank
 - Large hopper openings



Partner 2000 FT with 60:40 partition allows for applying seed and fertiliser, 2 x seed or two different fertilisers



Two components are possible in combination with a Partner 2000 FT



Partner 2000 FT with 75:25 partition: large hopper for seed or granulated fertiliser and an additional 550 l for microgranular compounds

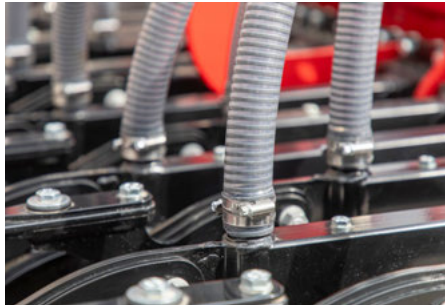
Spelt pneumatics

Sowing spelt with husks always is a challenge for farmers. HORSCH developed a special pneumatic adaption for this crop which has been optimised over several years. To make sure that the spelt with husk does not wedge and cause blockings, all corners and edges in the pneumatic system are checked and rough edges are removed. For example, the seed tubes at the seed coulters are chamfered and the seed hoses are directly attached to the coulters with cable ties. The seed flow sensors that are recommended for sowing spelt are also chamfered. Thus, spelt can be transported smoothly through the pneumatics and gaps are prevented.

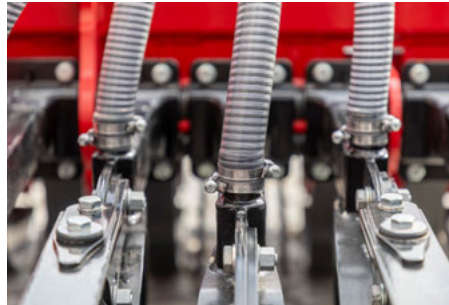
- Optimised pneumatic hosing for seeds with husks
- chamfered seed flow tubes prevent the husks from getting wedged
- Optional seed flow sensors support the prevention of gaps



Spelt pneumatics for husk-bearing seeds



Optimised pneumatic hosing and chamfered seed tubes



Spelt pneumatics

Fertiliser and seed flow control

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

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

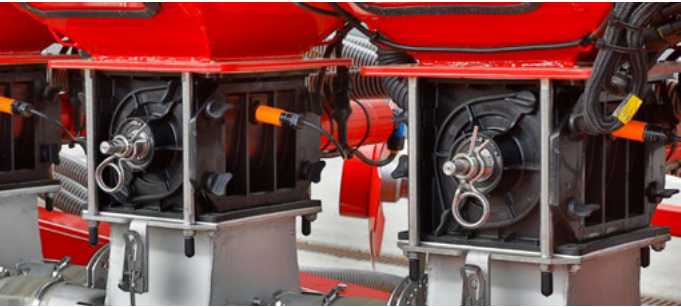
- Facilitates the selection of the optimum rotor for any application
- Wide selection range from normal seeds to fine seeds to fertiliser and micro-granular compound
- Expert mode to carry out rotor configurations also for variable operating speeds and application rates



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

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



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

TECHNICAL DATA

Express KR foldable	4 KR foldable
Working width (m)	4.00
Transport width (m)	2.98
Filling height (m)	Partner FT
Length without/with pre-emergence marker (m)	3.00 / 3.40
Weight (kg)	4050 - 4650
Seed hopper capacity single hopper (l)	Partner FT
Seed hopper capacity double hopper (l)	Partner FT
Dimension of feed opening	Partner FT
Number of seed coulters (PCE)	---
Coulter pressure (kg)	5 - 120
Seed coulter Ø (cm)	34
Press wheels Ø (cm)	32
Row spacing (cm)	14.50
Packer trapeze ring roller Ø (cm)	50 / 60
Packer tooth packer Ø (cm)	64
Number of rotors (PCE)	14
Operational speed (km/h)	6 - 13
Horsepower requirement (kW/hp)	147 – 185 / 200 – 250
DA control devices (PCE)	1 (folding), 1 (bout marker), 1 (coulter pressure –SA)
Depressurized return flow (max. 5 bar) (PCE)	Partner FT
Oil quantity hydraulic fan (L2)	Partner FT
Implement attachment 3-point	3-point Cat. III





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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