

Versa SW

 **HORSCH**



PROFESSIONAL SEED DRILL FOR MAXIMUM WORK RATE



Versa SW

PERFECT SEEDING ON EXTREMELY HEAVY SOILS

- Intensive tillage due to pto-shaft driven rotary harrow
- Efficient consolidation in front of the seed coulters is carried out by different packer options
- 3-point attachment frame in the rear of the machine ensures highest flexibility of the implements, e.g. Versa SL, Taro SL or Maestro RV
- During road transport, the tyres can be moved hydraulically below the folded rotary harrow and thus allow for a compact road transport position with a positive vertical load
- Working depth can be adjusted independently of the seed depth



The Versa 6 SW is the next generation of the well-known Pronto KE.

The seed wagon is equipped with a 4 000 l single hopper or a 5 000 l double hopper with a partition of 60:40. The fan with an optional oil cooler is directly integrated in the hopper. The higher the fan is positioned, the fewer dirt particles are sucked in. This increases service intervals and idle times. The optional oil cooler is the ideal solution when using granular fertiliser. The air that is sucked in is heated to some degree. This prevents the fertiliser getting damp in the case of dew and wet sowing conditions. The new calibration cassettes facilitate and improve the calibration process of the machine.

Due to the hydraulic adjustment, the road transport concept is suitable for EU approval. With this seed wagon concept with moving packer, the tyres (size 19.0/45-17) can be moved hydraulically below the folded power harrow and thus allow for a compact road transport position. The universal tool allows for adjusting the seed depth and the coulter pressure of the TurboDisc coulters as well as the working depth of the 6 m wide rotary harrow easily and quickly.

With the Versa 6 SW, HORSCH relies on a new innovative operating concept. The user interface has been optimised for Touch terminals and corresponds to the current ISOBUS standard. New functions considerably facilitate the operation, adjustment and monitoring of the machine. The terminal interface can be adapted individually to the different requirements of the customers.



Maximum efficiency due to the 5 000 l double hopper G & F



Versa 6 SW during road transport

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

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.



Even consolidation in front of the rotary harrow



Seed depth and coulter pressure adjustment Versa SW

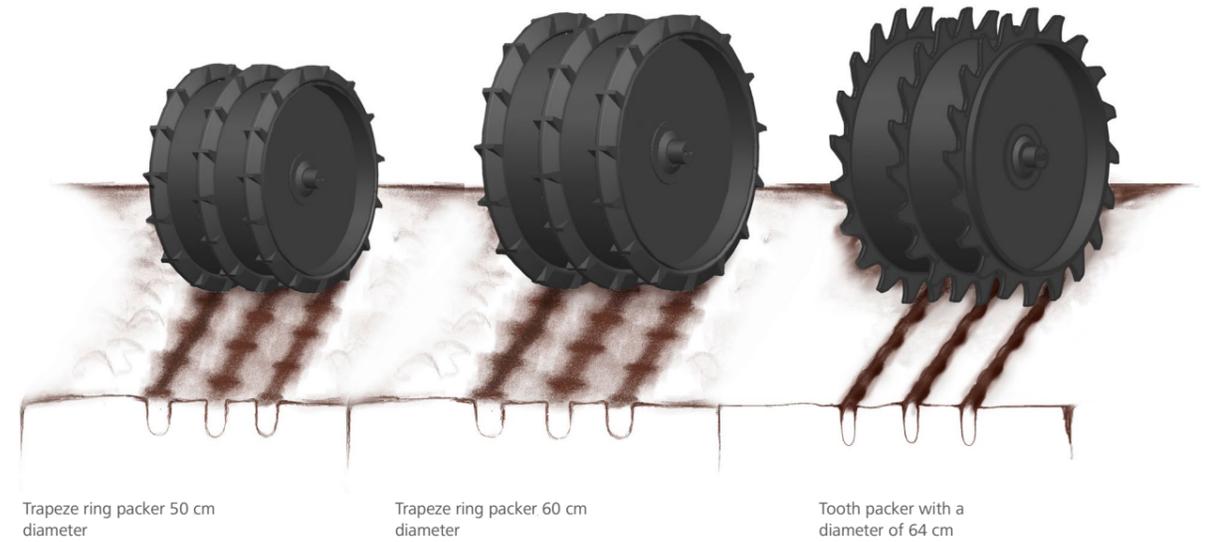


TurboDisc seed coulters of the 3rd generation ensure a precise seed placement

PACKER SYSTEMS

VERSATILE FOR OPTIMUM RESULTS

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



Trapeze ring packer

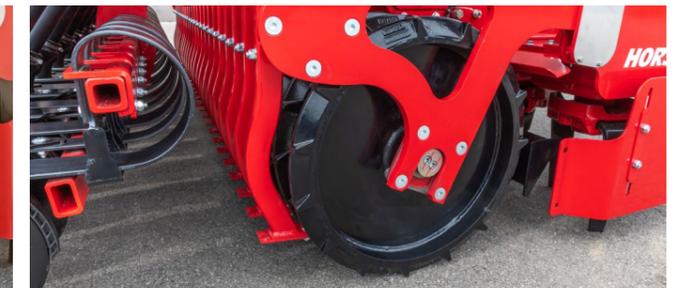
- Ideal in changing conditions
- For a targeted consolidation in front of every seed row
- In wet conditions, scrapers clean the packer roller

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

Wide-base tyres 19.0/45-17

IDEAL IN COMBINATION WITH A HORSCH ROTARY HARROW



Wide-base tyres 19.0/45-17

The wide tyres of the Versa SW ensure a high load-carrying capacity on all soils. Deep tyre tracks are reduced as the tyre packer transfers weight across the entire packer width in front of the rotary harrow. The wide tyres are the ideal solution in heavy and wet soils.

- The wide tyres reduce deep tracks due to an optimum weight transfer of the Versa SW
- Even consolidation in front of the rotary harrow
- Ideal in heavy and wet soils
- High load-carrying capacity on all soils



The wide tyres reduce deep tracks due to an optimum weight transfer of the Versa SW



Even consolidation in front of the rotary harrow

Hydraulically pretensioned side packers



Wide-base tyres 19.0/45-17

The side wings reduce deep tracks due to an optimum weight transfer of the Versa SW across the entire working width. You can sow longer in wet soils due to the possible hydraulic weight transfer of the 3-point from up to 2 tons to the rotary harrow.

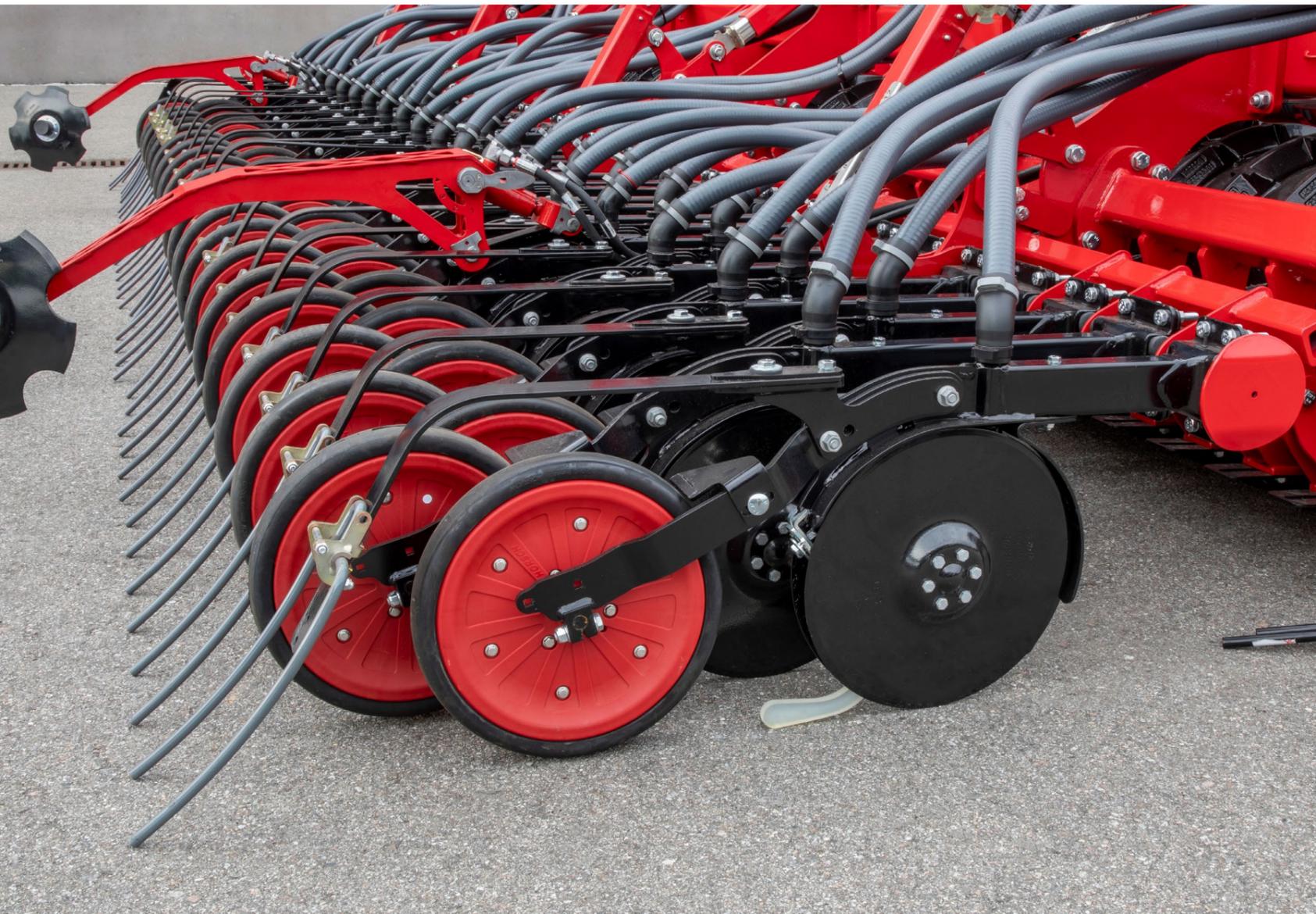
- The side wings reduce deep tracks due to an optimum weight transfer of the Versa SW across the entire working width.
- You can sow longer in wet soils due to the possible hydraulic weight transfer of the 3-point from up to 2 tons to the rotary harrow.



Hydraulically pretensioned side packer – weight distribution across the whole working width

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

Oil cooler

The optional oil cooler at the hydraulic fan heats up the air flow in the pneumatic system. This reduces the oil temperature in the system and relieves the oil cooler of the tractor. Another very important advantage is that it maintains the flowability of the fertiliser in wet conditions, e.g. dew in the evening.

- Heats up the air flow in the pneumatic system
- Maintains the flowability of fertiliser in wet conditions, e.g. dew in the morning
- Reduces the oil temperature in the system and relieves the oil cooler of the tractor



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

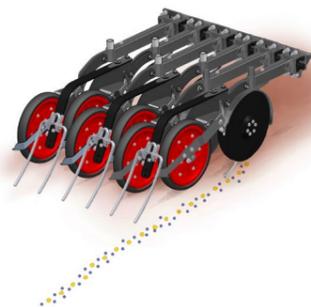
Reduces the oil temperature in the system and relieves the oil cooler of the tractor

Maintains the flowability of the fertiliser in wet conditions, like dew in the morning

Double hopper Grain & Fertiliser

- Both components are metered separately and are transported together via the distribution tower or the distribution towers into the seed coulters.
- 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.

- The G & F double hopper system allows for simultaneously applying seed and fertiliser as contact fertilisation.
- 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 coulters



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

WorkLight Pro

Flexibly adjustable LED headlights in the rear ensure an optimum illumination behind the seed drill combination. Flexibility plays an important role while sowing as you should choose the perfect sowing time for an optimum population. When sowing late or early, WorkLight Pro guarantees an optimum illumination of the area behind the seed drill combination. Another LED headlight perfectly illuminates the metering unit and guarantees optimum visibility when calibrating late at night.

- Optimal illumination of the working surroundings at twilight and at night
- Flexibly adjustable LED headlights
- Can be switched on/off via the terminal
- Very good illumination with low energy requirement



WorkLight Pro

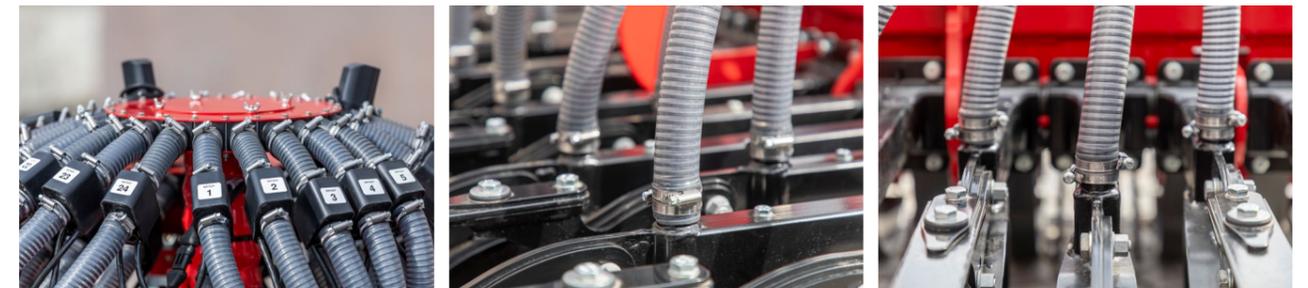
Flexibly adjustable LED headlights

Optimal illumination of the working surroundings at twilight and at night

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

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



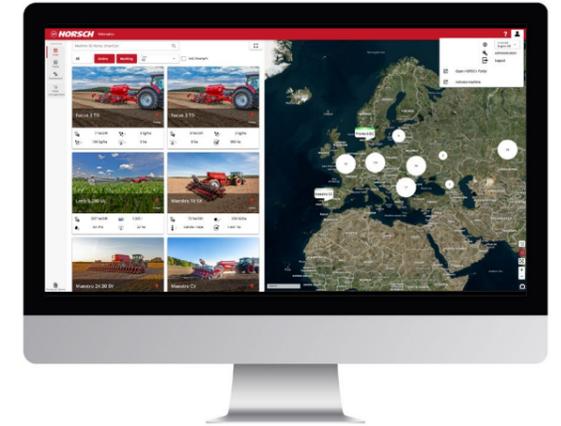
Due to the flexible holder, the eosT10 can be perfectly integrated in every cabin



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

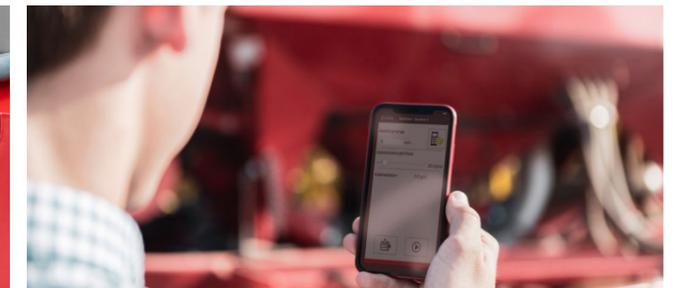
- Digital solutions exactly where they make sense
- Straightforward out-of-the-box solution with integrated SIM card, WLAN modem and other interfaces
- HorschConnect Telematics to document the performance of the machine
- HorschConnect Telematics for complete transparency of the working quality, e.g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

Versa SW	6 SW
Working width (m)	6.00
Transport width (transport position) (m)	2.96
Transport height (m)	3.96
Length (m)	8.96
Axle load (kg)	8600 - 10000
Vertical load (kg)	750 - 1700
Seed hopper capacity single hopper (l)	4000
Seed hopper capacity double hopper (l)	5000 (40 : 60)
Feed opening single hopper (m)	0.75 x 2.65
Feed opening double hopper (m)	0.66 x 2.45
Filling height (m)	2.80
Number of seed coulters	40 / 48
Coulter pressure seed coulters (kg)	20 - 120
Seed coulters/press wheels Ø (cm)	34 / 32

Row spacing (cm)	15 / 12.50
Tyre size seed waggon	19.0/45-17
Operational speed (km/h)	5 - 15
Horsepower requirement (kW/hp)	200 / 280 - 295 / 400
DA control devices	3 (+1 bout marker / 1+ PEM / +1 hydr. coulter pressure)
Depressurized return flow (max. 5 bar) (BAR)	1
Oil quantity hydr. fan (l/min)	20 - 25 single hopper / 35 - 45 double hopper
Packer trapeze ring roller Ø (cm)	50 / 60
Packer tooth packer Ø (cm)	64
Number of rotors	20
Implement attachment coulter bar at SW	3-point Cat. III
Implement attachment adjustable drawbar	Pin Ø 58 - Ø 79 mm
Implement attachment ball head	K 80



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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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