

Avatar 18.25 SD

 **HORSCH**



PERFECT SEED PLACEMENT AND WIDE RANGE OF APPLICATIONS
DUE TO SINGLEDISC SINGLE DISC SEED COULTER

Avatar 18.25 SD



MAXIMUM EFFICIENCY WITH 18 M WORKING WIDTH
AND 10 900 L HOPPER CAPACITY

The Avatar can be used in different situations due to the individually depth controlled disc coulters. It is ideal for direct seeding but can also be used on cultivated soils. Due to the robust design and the SingleDisc single disc coulters operational speeds of up to 15 km/h can be achieved. The standard double or triple tank allows for the flexible application of up to three components. The 1-row design with a row spacing of 25 cm is ideal for mechanical weed management in combination with a HORSCH Transformer VF. The interaction of single disc coulters and seed skids ensures a safe opening of the furrow. At the same time, harvest residues are removed from the furrow. The result is an optimum contact of seed and soil for quick and safe emergence.

Via the rubber torsion suspension a coulters pressure of up to 350 kg per coulters can be transferred. The coulters pressure can be adjusted mechanically or electrically via the terminal. All pivot points and connections at the coulters are maintenance-free. The durable, maintenance-free bearings on all rotating parts guarantee a long service life and operational reliability. The seed skid is equipped with a carbide wear edge for a long service life. It can even be extended with the HM+ version.

- Wide range of applications from direct seeding to mulch seeding and to the offset method
- High operational speed up to 15 km/h test
- Coulters pressure up to 350 kg per coulters
- 25 cm row spacing perfect for mechanical weeding management



Direct seeding into the standing stubbles



Enormous range due to large hoppers

SingleDisc

PRECISE SEED PLACEMENT DUE TO INDIVIDUAL DEPTH CONTROL



The individually depth controlled SingleDisc coulters have specially been designed for the Avatar line. Due to its individuality and flexibility, it can be adapted to the most different sowing conditions

- Direct seed
- Mulch seed
- Conventional tillage
- In standing catch crops
- On stony and very heavy clayey soils

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The durable, maintenance-free bearings on all rotating parts guarantee a long service life and operational reliability. The seed skid is equipped with a carbide wear edge for a long service life. It can even be extended with the HM+ version. The stable depth control wheels guarantee a precise depth control of the coulters in changing or difficult soils. This is due to different, co-ordinated adjustments of the seed coulters and optional equipments. Due to the lateral angle of 6° and a vertical angle of 3° of the single disc coulters, the seed is placed diagonally below the surface. Depending on the conditions, you can choose between a Uniformer and a catching roller.

- Individual depth control by means of depth control wheel
- Single disc coulters with seed skid
- Ideal for direct seed, mulch seed and after conventional tillage
- Outstanding for stony, very heavy and clayey soils
- Coulters pressure up to 350 kg
- Maintenance free



SingleDisc – perfect soil following due to depth control wheel



Finely graduated individual depth adjustment without tools



SingleDisc in organic conditions

CLOSING WHEEL SYSTEMS

Closing wheel steel

The steel closing wheel is ideal for wet and changing conditions. Even with a lot of organic material, the closing wheel works reliably – a real all-rounder among the closing wheels. In special conditions, the angle of the closing wheel can be adjusted to achieve a perfect result.

- For sowing in wet conditions
- Closes the seed furrow even in changing conditions
- Ideal with the offset method
- The down force of the closing wheels can be adjusted by means of a spring without any tools
- Depending on the conditions, the angle can be changed



Closed closing wheel for all situations

Star roller steel

The steel star roller is ideal for dry soils. The star profile produces fine soil. It covers the seed and closes the seed furrow. For special conditions, the angle of the star roller can be adjusted to achieve a perfect result.

- For sowing in dry soils
- The star roller produces crumbly fine soil
- The down force of the closing wheels can be adjusted by means of a spring without any tools
- Depending on the conditions, the angle can be changed



Steel star roller – produces fine soil and closes the seed furrow

SEED FIXING

Catching roller

Due to the catching roller, the seed is placed perfectly in the seed furrow to create a connection to capillarity. When sowing in very wet conditions, the catching roller can be set to the parking position with one simple step. Thus, it is possible to continue sowing in wet conditions. If working in wet conditions for a longer time, it makes sense to replace the catching roller with the uniformer.

- Safe placement of the seed
- Ideal in dry soils
- Remove the catching roller in wet conditions
- Due to the parking position, the catching roller can be lifted



Perfect fixation of the seed due to rubber catching roller

Uniformer

Due to the Uniformer, the seed is pressed in to the seed furrow. This principle is already known from the Turbo-Disc seed coulters of the Pronto. The Uniformer is also ideal for green catch crops.

- Safe placement of the seed in the furrow
- Can be used in all situations
- Ideal when sowing into green catch crops
- Ideal in wet conditions



Uniformer Avatar

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



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

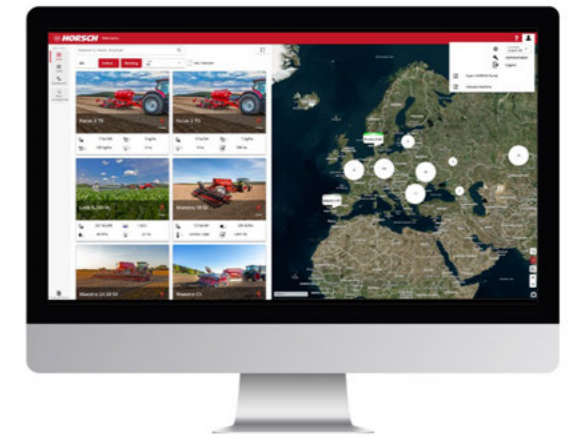


AutoLine

- 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

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

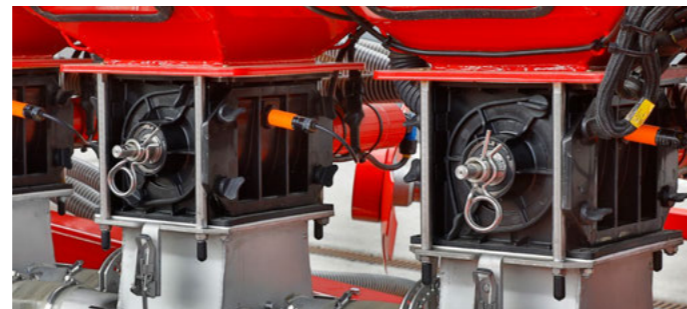
- Digital solutions exactly where they make sense
- Straightforward out-of-the-box solution with integrated SIM card, WLAN modem and other interfaces
- HorschConnect Telematics to document the performance of the machine
- HorschConnect Telematics for complete transparency of the working quality, e.g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



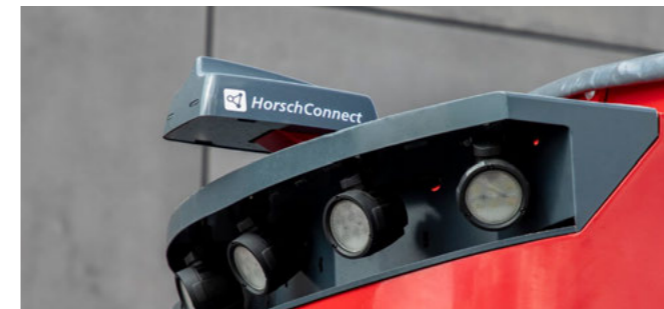
The MobileControl app allows for controlling individual machine functions – completely comfortably from the smartphone



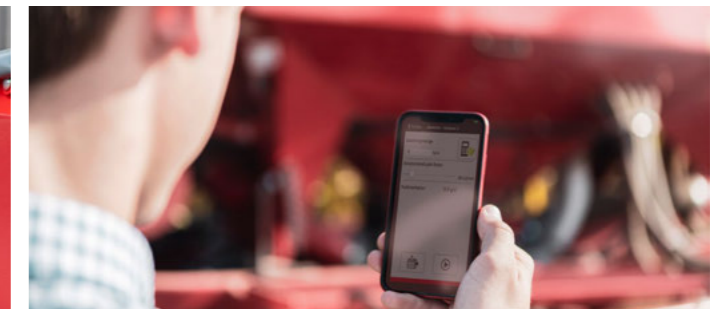
Due to the flexible holder, the eosT10 can be perfectly integrated in every cabin



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



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

Avatar 18.25 SD	18.25 SD
Working width (m)	18.00
Transport width (m)	3.00 (with movable axle and single tyres 520/85 R 42)
Transport height (m)	4.00
Length (m)	9.68
Axle load (kg)	11240
Vertical load (kg)	3780
Seed hopper capacity double hopper (l)	8500 (50 : 50 / 4250)
Feed opening double hopper (m)	0.66 x 1.70
Filling height double hopper (m)	per 0.66x1.70
Hopper capacity third component (l)	2400
Number of seed coulters (PCE)	72
Coulter pressure (kg)	350
Seed coulter Ø (cm)	48
Closing wheels Ø (cm)	33
Depth control wheels Ø (cm)	40
Row spacing (cm)	25.00
Tyre size seed waggon	520 / 85 R 42
Tyre size support wheels	550 / 60 – 22.5
Operational speed (km/h)	6 - 15
Horsepower requirement (kW/hp)	200 / 300
DA control devices (PCE)	3
Depressurized return flow (max. 5 bar) (PCE)	1
Oil quantity hydraulic fan (L2)	35 - 45
Implement attachment adjustable drawbar	Ring hitch Ø 58–79 mm
Implement attachment ball head	K 80





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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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