

Avatar SL

 **HORSCH**



COMPACT, EFFICIENT AND VERSATILE



Avatar SL

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

- SingleDisc single disc coulters, perfect seed placement due to depth control wheel
- 25 cm or 30 cm row spacing perfect for mechanical inter row weeding management

- Compact and manoeuvrable combination with the Partner FT front hopper
- Wide range of applications



The Avatar SL is the most manoeuvrable Avatar HORSCH currently offers. It can be used in different situations due to the individual depth controlled disc couler. Thus, it is ideal for sowing into cultivated soils. Due to the robust design and the SingleDisc single disc couler operational speeds of up to 15 km/h can be achieved. The 1-row design with a row spacing of 25 cm resp. 30 cm is ideal for mechanical weed management in combination with a HORSCH Transformer VF. The interaction of single disc couler and seed skid 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.

A couler pressure of up to 240 kg per couler can be achieved. The couler pressure can be adjusted mechanically or electrically via the terminal. All pivot points and connections at the couler are maintenance-free. The durable, maintenance-free bearings on all rotating parts guarantee maximum service life and long operational reliability. The seed skid is equipped with a carbide wear edge for a long service life. It can even be further protected with the HM+ version.

The stable depth control rolls guarantee a precise depth control of the couler in changing or difficult soils. This is due to different, co-ordinated adjustments of the seed couler and optional equipments.

Due to the lateral angle of 6° and a vertical angle of 3° of the single disc couler, the seed is placed diagonally below the surface. Depending on the conditions, you can choose between a Uniformer and a catching roller.



Perfect results even in mulch seed conditions

Trash wheels can easily be adjust out of work

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 different sowing conditions:

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

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 buffer and the optional hydraulic weight transfer system, a coulters pressure of up to 240 kg can be transferred. The coulters pressure can easily be adjusted. 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 further protected 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
- All-purpose
- Outstanding for stony, very heavy and clayey soils
- Coulters pressure up to 240 kg
- Maintenance free



SingleDisc single disc coulters



SingleDisc with trash wheel

CLOSING WHEEL SYSTEMS

Closing wheel steel

- 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 also for cultivated soils

Star roller steel

- 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

Trash wheels

- Optional trash wheels remove stones, clods and organic residues from the seed furrow.
- "Hairpinning" (organic residues are pressed into the seed furrow) is reduced to a minimum.



Trash wheel for cereal straw



Trash wheels for high amounts of cereal straw



Trash wheel for maize straw

SEED FIXING

Catching roller

- 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

- 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

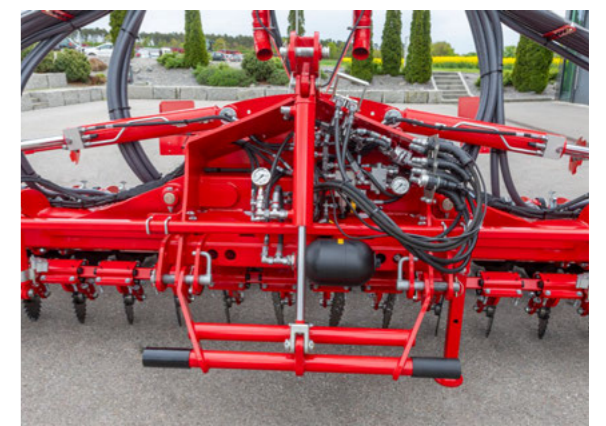


Uniformer Avatar

Hydraulic weight transfer

To ensure that the coulter pressure is sufficient even in harder conditions, the Avatar SL can be equipped with a hydraulic weight transfer system. An additional weight of up to 800 kg can be transferred to the coulters. Thus, a coulter pressure of approx. 240 kg per seed coulter can be achieved.

- Optimal coulter pressure even in hard conditions
- Coulter pressure per coulter up to 240 kg



Avatar SL – hydraulic weight transfer for additional power transfer

TECHNICAL DATA

Avatar SL	6 SL
Working width (m)	6
Transport width (m)	2.95
Transport height (m)	3.7
Length without hopper (m)	2.3
Length with hopper (m)	3.3
Weight (kg)	3600 - 3820
Seed hopper capacity (l)	2 x 400 MiniDrill
Dimension of feed opening (mm)	per 380
Filling height (mm)	2110
Number of seed coulters	20 - 24
Row spacing (cm)	25 - 30
Max. coulter pressure hydr. tractor attachment (kg)	160 - 190
Max. coulter pressure hydr. with optional weight transfer tractor attachment (kg)	200 - 240
Seed coulter Ø (cm)	48
Closing wheels Ø (cm)	33
Depth control wheels Ø (cm)	40
Tyre size support wheels	Single support wheels 23 x 10.50 - 12
Operational speed (km/h)	6 - 15
Horsepower requirement (kW/hp)	145 / 200
DA control devices	1 x folding / trash wheels, 1 x coulter pressure / weight transfer, 1 x bout marker
Single-acting control devices	1
Oil quantity hydr. fan (l/min)	35 - 45
Implement attachment 3-point	3-point Cat. II/III





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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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