

HORSCH Avatar – new seed drill with single disc couler

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The HORSCH Avatar SD is the new entry into the direct seeding with discs sector. So far there has only been tine seed drills available for this sector.

The Avatar SD is launched in 4, 6 and 12 m working widths and due to its high tare weight the new single disc couler is ideal for direct seeding. The couler pressure of 200 kg guarantees a safe penetration into the soil. The strong couler frame eliminates sideways movement, which ensures that the couler keeps to the set sowing depth even on uneven soils. A press wheel then closes the seed furrow and consolidates the seed row. The Avatar SD in 4 m working width weighs 5.800 kg, in 6 m 9.300 kg and in 12 m working width 19.160 kg. Despite the high weight, which is necessary for a direct seed drill, the horsepower requirement of the Avatar SD is low as the SingleDisc coulers are arranged in two bars.

HORSCH relies on the well-proven components of the Pronto DC seed drills for hopper and metering. The hopper size is 1,500 litres for the 4m wide model, 3,500 litres for the 6m version and 12,000 litres for the 12m wide machine.

The Avatar SD benefits from extensive experience gained in developing the Pronto drill applied to a modern direct seed drill. Depth control of the coulers is carried out via the well-proven rubber suspension of the Pronto in a larger and stronger version which is required due to the high couler pressure. The row spacing is 16.7 cm (6 m) and 20 cm (4 and 12 m version). Control and monitoring of the machine is carried out via a standard ISOBUS terminal.

Source: HORSCH