

MiniDrill Solo



EFFICIENT SEEDING OF CATCH CROPS COMBINED WITH TILLAGE



MiniDrill Solo

DUE TO THE LARGE HOPPER CAPACITY OF 400 L AND THE LOW REQUIRED OIL QUANTITY OF 20 L/MIN IDEAL FOR ALMOST ALL CONDITIONS OF USE.

- Pressurised hopper to efficiently avoid a separation of the seed
- Hydraulically driven fan with a low oil output of only 20 l/min

- 400 l seed hopper
- Attachment kits for different machines and/or MiniDrill solo also for machines from other manufacturers



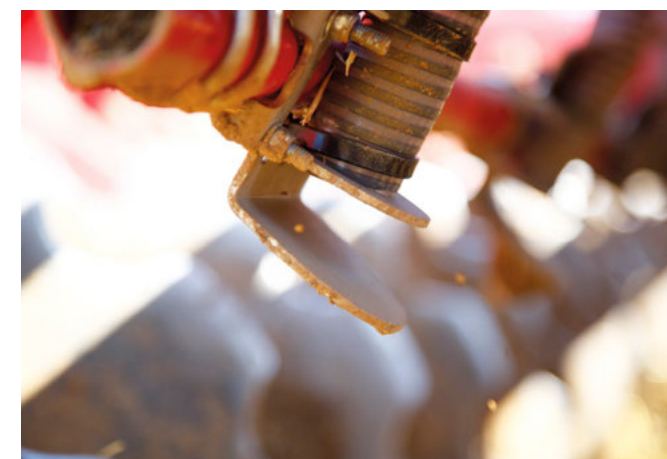
The MiniDrill has been developed to turn a tillage machine into a precise seed drill with minimum effort. The MiniDrill is ideal for fine seeds or for the application of microgranular compounds.

The capacity of the pressurised hopper capacity amounts to 400 l and ensures an evenly high application rate of up to 160 kg/ha. The pressurised hopper considerably reduces the separation of special seed mixtures that are becoming more and more popular – especially for catch crop mixtures with fine and coarse seed. With the appropriate metering shaft, the well-proven metering unit of the Pronto transports the seed directly to the distribution system where it is distributed evenly via deflector plates in front of the packer. Due to their mode of operation, our packers provide an optimum seedbed. Thus, nothing is in the way of a smooth emergence. Due to the high share of fine soil that is evenly distributed across the working horizon, catch crops can establish quickly and firmly.

To ensure an optimum lateral distribution, there are six evenly distributed outlets in front of or behind the packer up to 3 m working width and twelve outlets from 4 m working width. For special solutions, the MiniDrill solo is available with a central drop tube. Thus, the MiniDrill can be coupled directly with a distribution tower. The outlets are supplied by the very smooth hydraulic fan that can manage on 20 to 25 l/min and thus can be operated with any tractor.

The control is carried out via the well-known control terminal of the HORSCH seed drills. Each ISOBUS-capable terminal can be used for this purpose. Application is controlled automatically via the speed and lifting unit control system of the tractor. The signal can either be taken via the 7-pin socket or, as an option, via a radar sensor. As known from the seed drills, the MiniDrill is calibrated comfortably via the terminal and an external switch to start the calibration process.

Mounting options: Terrano FX, Terrano GX, Joker CT, Joker RT, Cruiser SL, Cruiser XL, Focus TD



Deflector plates for even distribution



Equipped with an own fan

Various outlets with distribution tower or connection to TurboDisc seed coulters

According to the customer request, the MiniDrill solo can be adapted flexibly. It can either be connected to an already existing seed coulters, in this case, the seed is applied via the seed coulters (coulters are not part of the delivery). Another option is the equipment with deflector plates for mounting the MiniDrill on a tillage tool, in this case the seed is spread widely for example in front of a packer.

- 10 outlets
- 14 outlets
- 20 outlets



Flexible number of outlets or distribution towers

Electronics components at the distribution tower and TurboDisc

Depending on the machine type and the tractor, the MiniDrill solo can be equipped with different additional options to provide a state-of-the-art solution for catch crop seeding. Even old machines can thus be equipped and completed with comfortable solutions.

- Terminal for operation
- Speed capture via radar
- Speed capture via GPS sensor
- ISOBUS installation kit



Touch 800 terminal

Machine mounting kit

To be able to use a HORSCH machine even more flexibly, we provide customised solutions for mounting a MiniDrill on existing machines. The scope of delivery includes all important parts, thus allowing for a smooth mounting.

- Tiger mounting kit
- Terrano mounting kit
- Cruiser mounting kit
- Joker mounting kit



TECHNICAL DATA

MiniDrill Solo	HORSCH
Total weight MiniDrill (kg)	150
Seed hopper capacity (l)	400
Feed opening Ø (mm)	380
Filling height solo (m)	1.05
Single-acting control devices	1
Depressurized return flow (max. 5 bar)	1
Oil quantity hydr. fan (l/min)	20 - 25



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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