

Sprinter ST

 **HORSCH**



THE SPRINTER COMBINES WORK PROCESSES AND INCREASES PRECISION WITH REGARD TO SEED PLACEMENT AND FERTILISATION.



Sprinter ST

CULTIVATION, SEEDING, FERTILISATION AND CONSOLIDATION
IN ONE PASS WITH UTMOST PRECISION

- Precise depth control
- Even coverage of the seed

- Optimum seed-soil contact due to packer tyres behind each seed couler
- Can be used even in very stony soils



A machine that can be used to manage seedbed preparation, seeding and fertilisation in one pass. The robust tine seed drill HORSCH Sprinter is especially ideal for mulch seeding. The stable frame design, the low horsepower requirement of the seed coulters and the large seed hoppers allow for a high work rate with an optimum cost-value ratio.

With the Sprinter you cannot only combine time-intensive work processes in one single pass, you will also increase precision in seed placement and fertilisation. Gentle tyre packers ensure an optimum seed-soil contact. Besides a considerably saving of time, the use of the Sprinter also ensures an even emergence and a more resistant young plant (HORSCH PPF system). You thus create ideal conditions to fully utilise and secure the expected yield potential.

The multi-bar frame of the Sprinter is carried by front support wheels/front packer and the tandem packer. The depth of the frame sements are controlled separately. Thus, they can adjust precisely to the soil surface and place the seeds precisely at the set depth. When lifting or lowering, the whole frame is moved to ensure quick turning times and an even seeding start and stop of the machine.

The seed coulters are mounted on stable HORSCH MultiGrip tines with an overload protection. The trip release amounts to more than 285 kg. This ensures a constant coulters control at the desired seed depth – also in problematic soil types and conditions. The soil is loosened, levelled, mixed and crushed by the Duett coulters as with a cultivator point. In the seed zone, it removes stones, rough soil clods and harvest residues from the seed horizon. The fertiliser (optionally liquid fertiliser) is placed below the seed grains and the grains are placed precisely above this area. Thus, the plant can develop its roots in an undisturbed way.

If a narrower coulters is required for special conditions, e.g. for seeding catch crops directly into the stubbles, you can also use the ThinEdge coulters with a width of only 44 mm. A WideEdge coulters with a width of 70 mm can also be used for band seeding.



Low horsepower requirement due to front packer



Sprinter ST in cultivated conditions

Duett coulter

Coulter point:

- Loosens below the seed horizon
- Removes harvest residues and stones from the seed row

Fertiliser depot:

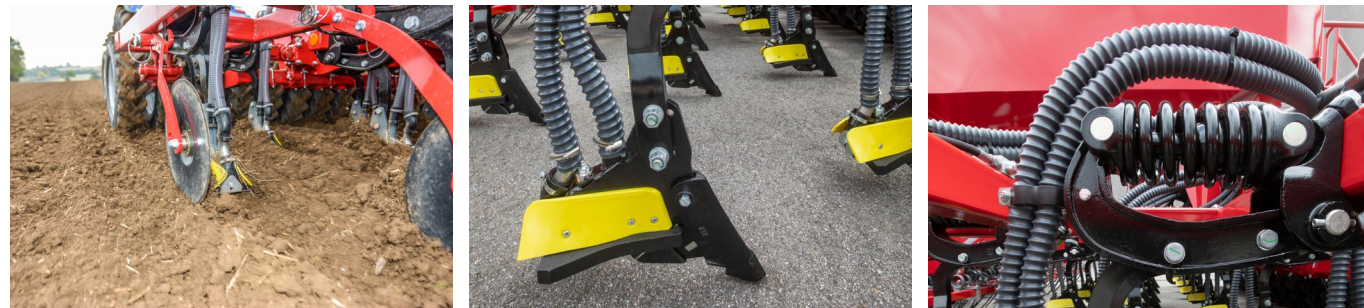
- Fertiliser is placed behind the coulter point

Base plate:

- Closes the fertiliser slot
- Consolidates 2 - 3 cm of the soil

Y-seed distributor:

- Seed placement in a double row
- Placement on consolidated seed horizon
- No direct seed-fertiliser contact
- Liquid fertiliser application via the Duett seed coulter is possible with Sprinter SW



Duett coulter in cultivated conditions

Fertiliser and seed placement with the Duett coulter

280 kg release force

ThinEdge seed coulter

- Narrow tine seed coulter
- Ideal for sowing catch crops directly into stubble
- SingleShot and DoubleShot are possible
- Changing between ThinEdge and WideEdge point is possible

WideEdge seed coulter

- Wide tine seed coulter for an approx. 7 cm wide band seeding
- SingleShot and DoubleShot are possible
- Switching between WideEdge and ThinEdge point is possible



Minimum opening of the soil with the ThinEdge coulter



WideEdge coulter for an approx. 7 cm wide seed band

MultiGrip tine

- Robust tine with a release force of up to 285 kg
- Perfect for long-stem harvest residues
- Long service life due to large pivot points
- Low wear costs
- Carries out three passes in one
 - Optimum seedbed preparation
 - Precise seed placement
 - Simultaneous fertiliser placement is possible



Fertiliser and seed placement with the Duett coulter

Harrow

- 2-row harrow levelling
- Front harrow row covers the last seed row with fine soil
- Rear harrow row is responsible for the finishing and improves levelling across the entire working width in front of the tyre packer
- The aggressiveness can be adjusted via pins
- The working depth of the harrow rows can be limited via the parallelogram suspension



The 2-row harrow ensures an optimum covering of the grain

Packer

- Each tyre rolls over one seed band
- Ensures optimum seed-soil contact
- AS-profile ensures an erosion-reducing structure
- Rear packer and front packer or front support wheels ensure an optimum alignment of the machine
 - Precise seed placement
 - Even coverage of seeds
 - High self-cleaning effect



Even consolidation due to packer

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

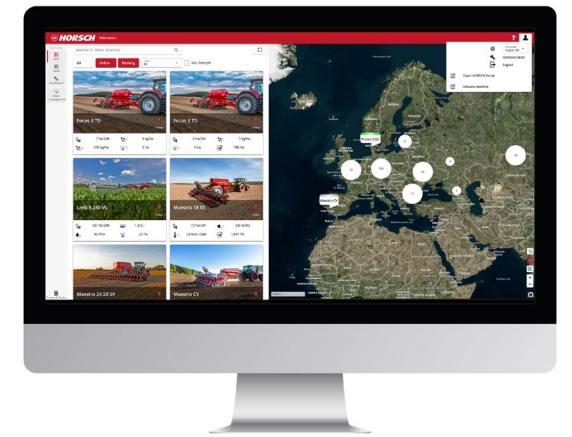


AutoLine

- 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

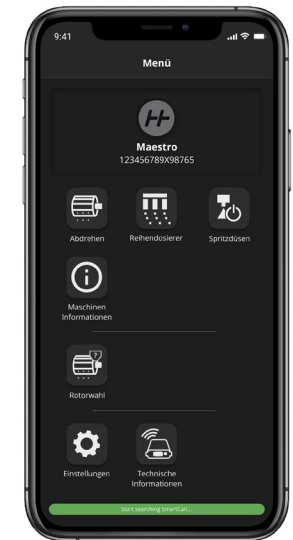
HorschConnect

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

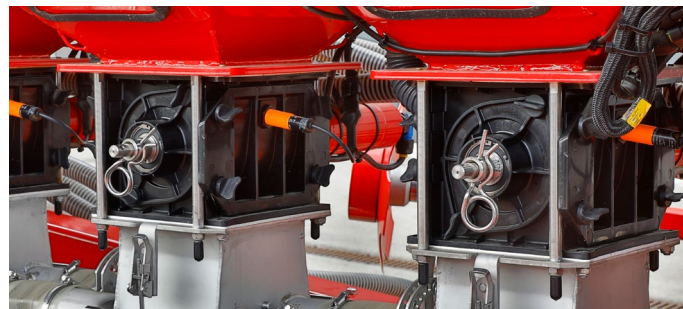
- Digital solutions exactly where they make sense
- Straightforward out-of-the-box solution with integrated SIM card, WLAN modem and other interfaces
- HorschConnect Telematics to document the performance of the machine
- HorschConnect Telematics for complete transparency of the working quality, e.g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



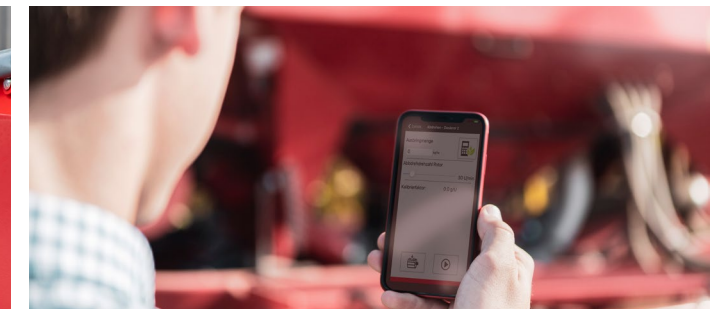
Due to the flexible holder, the eosT10 can be perfectly integrated in every cabin



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

Sprinter ST	3 ST	4 ST	6 ST
Working width (m)	3.00	4.00	6.00
Transport width (m)	3.00	3.00	3.00
Horsepower requirement (kW/hp)	75 - 100 / 100 - 140	90 - 120 / 120 - 160	120 - 160 / 160 - 230
Transport height single hopper (m)	3.00	2.80	3.35
Transport height double hopper (m)	3.40	3.30	3.35
Length with lower link linkage (m)	8.20	8.51	8.51
Weight with single hopper (kg)	3200	4000	5400
Weight with double hopper (kg)	3450	4550	6020
Seed hopper capacity (l)	3000	2800	3500
Hopper capacity double hopper (l)	3800 (40 : 60)	5000 (40 : 60)	5000 (40 : 60)
Feed opening single hopper (m)	1.00 x 2.40	1.00 x 2.40	1.00 x 2.40
Feed opening double hopper (m)	per 0.60x0.90	per 0.60x0.90	per 0.66x1.22
Filling height single hopper (m)	2.60	2.46	2.69
Filling height double hopper (m)	3.00	2.95	2.95
Tine spacing (cm)	25.00	28.60	27.30
Number of seed coulters/coulter rows (PCE)	12 / 3	14 / 3	22 / 3
Tyre size tandem packer	185 / 65 - 15 AS	7.50 - 16 AS	7.50 - 16 AS
Tyre size rigid packer	6.00 - 16 AS	---	---
Tyre packer tandem/rigid Ø (cm)	65 / 74	--- / 78	--- / 78
Operational speed (km/h)	8 - 15	8 - 15	8 - 15
DA control devices	2 (+ 1 with hydr. filling)	2 (+ 1 with hydr. filling)	2 (+ 1 with hydr. filling)
Depressurized return flow (max. 5 bar) (BAR)	1	1	1
Oil quantity hydraulic fan (L2)	20 - 25 / 35 - 45 (PPF-System)	20 - 25 / 35 - 45 (PPF-System)	20 - 25 / 35 - 45 (PPF-System)
Implement attachment lower link	Cat. II/III - III - III/IV	Cat. II/III - III - III/IV	Cat. II/III - III - III/IV



A green tractor with a white roof and a red Horsch tillage implement is shown in a field. The tractor has a '40' badge on its side. The implement is red and features the 'HORSCH' logo on its top cover. It has multiple rows of tines and a '25' badge on its side. The background is a brown, tilled field.

H+ **HORSCH**

Your distributor

HORSCH Maschinen GmbH
Sitzenhof 1 · 92421 Schwandorf
Phone: +49 9431 7143-0
Fax: +49 9431 7143-9200
E-Mail: info@horsch.com

horsch.com

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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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