Maestro SV SplitRow

HORSCH

PERFECT ROW WIDTH FOR EACH CROP

Maestro SV SplitRow

CAN BE USED FLEXIBLY FOR ANY CROP

The Maestro SV SplitRow is based on the proven machine concept of the Maestro SV/SX. This seed wagon has been used very successfully worldwide with the machine model Maestro SW since 2012. The Maestro SV SplitRow represents a new generation of the most successful HORSCH single grain seed drills and offers new possibilities due to the SplitRow system and the metering system AirVac.

The SplitRow system combines two row spacings in one machine. By means of the hydraulic row lifting, the row spacing can be changed quickly without additional tools and always be adapted prefectly to the crop. For example, maize can be sown in a wide conventional row (70 cm, 75 cm, 30“) while other crops like soybeans, other legume species, rapeseed, sunflowers or sorghum are sown with the half the row, i.e., 35 cm, 37.5 cm, or 15“.

The seed drill with the central double pressurised hopper offers a standard capacity of 5 400 l for fertiliser and 2 200 l for seed. Optionally, a 50:50 partition of the hopper is also possible for farms with a large share of legumes in the rotation – thus, in this configuration, 3,800 l are available for both fertiliser and seed. In both cases, the central tank system MTS (Main Tank Supply System) is used. This means that both fertiliser and seed are metered pneumatically from the seed wagon. The fertiliser is applied conventionally using the well-proven HORSCH metering technology via the single disc fertiliser coulter. The seed is transported pneumatically to the rows via special sluices and then the single grains are metered with AirVac.

The Maestro row units are equipped with a wide, stable parallelogram and as standard with a hydraulic cylinder that generates coulter pressure. Coulter pressures up to 350 kg per row can be set manually at the terminal or fully automatically with the innovative coulter pressure regulation system AutoForce. The weight of the seed wagon is used to generate the coulter pressure over the whole width of the machine and lifts the seed wagon wheels while sowing.

- Versatile single grain seed drill for: maize, sunflowers, sugar beet, sorghum, rapeseed, soybeans and other bean species
- Due to the SplitRow system: wider row spacing (70 cm, 75 cm, 30“) for e.g. maize or also half of the row spacing (35 cm, 37.5 cm, 30“) for e.g. sunflowers, rapeseed, soybeans
- Robust and reliable technology – heavy parallelogram and row unit for highest strain
- Coulter pressures up to 350 kg for optimal sowing even in most difficult conditions or automatic soil-dependent coulter pressure adjustment AutoForce
- High work rate due to high capacities for fertiliser and seed with central hoppers for fertiliser, microgranular compound and seed with the central row supply Main Tank Supply (MTS)

Wide parallelogram with large bushings for good stability and long durability

Hydraulic coulter pressure up to 350 kg for reliable seeding even in heavy conditions

TECHNICAL DATA

Maestro SV SplitRow	23 SV	31 SV
Transport width (m)	3,00	3,00
Transport height (m)	4.10 (with microgranular compound application ON the row 4.19)	4.10 (with microgranular compound application ON the row 4.19)
Transport length (m)	7,80	7,80
Weight incl. seed waggon (kg)	11500	14100
Hopper capacity seed waggon seed/fertiliser version 1 (l)	2200 / 5400	2200 / 5400
Hopper capacity seed waggon seed/fertiliser version 2 (l)	3800 / 3800	3800 / 3800
Feed opening seed waggon seed (mm)	800 x 660 (version 1)	800 x 660 (version 1)
Feed opening seed waggon fertiliser (mm)	2450 x 660 (version 1)	2450 x 660 (version 1)
Feed opening seed waggon seed/fertiliser (mm)	1680 x 660 (2 x, version 2)	1680 x 660 (2x, version 2)
Number of rows	23	31
Electric coulter pressure adjustment Terminal (kg)	150 - 350	150 - 350
Depth control wheel Ø (cm)	40	40,5
Press wheels Ø (cm)	30 / 33	30 / 33
Catching roller	Standard	Standard
Row spacing	35 cm/37.5 cm/15 inches	35 cm/37.5 cm/15 inches
Sowing depth (cm)	1,5 - 9	1,5 - 9
Drop height seed (cm)	45	45
Tyre size seed waggon	580/70 R 38	580/70 R 38
Telescopic axle	Standard	Standard
Operational speed (km/h)	2 - 12	2 - 12
Horsepower requirement (kW/hp)	257 / 350	257 / 350
Depressurised return flow (max. 5 bar) (PCE)	1	1
DA control devices direct drive	1 DA hydr. functions, 1 DA hydr. fan direct drive vacuum with regulable flow rate, 1 DA hydr. fan direct drive. Fertiliser with regulable flow rate, 1 DA hydr. fan direct drive. seed with regulable flow rate, 1 DA hydr. filling auger fertiliser system	1 DA hydr. functions, 1 DA hydr. fan direct drive vacuum with regulable flow rate, 1 DA hydr. fan direct drive. Fertiliser with regulable flow rate, 1 DA hydr. fan direct drive. seed with regulable flow rate, 1 DA hydr. filling auger fertiliser system
DA control devices pto-shaft drive	1 DA hydr. functions, 1 DA hydr. fan direct drive seed with regulable flow rate, 1 DA hydr. filling auger fertiliser system	1 DA hydr. functions, 1 DA hydr. fan direct drive seed with regulable flow rate, 1 DA hydr. filling auger fertiliser system
Oil quantity hydr. fan seed (L2)	20	20
Oil quantity hydr. fan fertiliser (L2)	70	70
Oil quantity hydr. fan vacuum (L2)	55	55
Min. oil quantity lift/lower (L2)	40	40
Power requirement in operation (AMP)	80	80
Implement attachment adjustable drawbar	Ring hitch Ø 58 - 79 mm	Ring hitch Ø 58–79 mm
Implement attachment ball head	K 80	K 80

Your distributor

ExperienceTour

MAESTRO

Statements from our customers all over the world

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