

Partner FT



HOPPER SYSTEMS FOR VARIOUS REQUIREMENTS

Partner FT

FLEXIBILITY AND VARIETY



The Partner can be combined with a single grain seed drill (Maestro RV/RX) and other seed drills (Express 4 KR, Taro line) or can be used for tillage (Terrano FX) for deep fertilisation. There are also many application options in the sector of hybrid farming – in combination with a Transformer VF or a Finer SL. The compact design of the Partner FT allows for an optimum visibility to the front. The feed opening is large and allows for a quick filling with a front loader or a telehandler.

There are single and double hopper options for applying one or several components. With the multi-hopper systems, the assignment of the differently-sized hopper chambers can be selected freely.

Optional intermediate axle packer or additional weights guarantee the balance of the tractor when the hopper is empty. In the field, the intermediate axle packer ensures an optimum soil presentation.

High throughput capacities are possible when applying fertiliser to be prepared for all situations and operational speeds. Beside the possibility to apply high seed rates, the advantage of the pressurised hopper Partner FT is that no dust is released in front of the tractor.

- Single hopper with a capacity of 1 600 l
- Double hopper with a capacity of 2 200 l
- Excellent manoeuvrability due to compact, clearly arranged design
- Pressurised hopper prevents any release of dust in the front of the tractor



Partner 2000 FT in combination with an Express 4 KR while sowing wheat



Partner 1600 FT in combination with a Maestro 8 RV for maize sowing

Partner 1600 FT



The single hopper with a capacity of 1 600 l can be used in combination with a single grain seed drill (Maestro RV/RX), a seed drill (Express 4 KR, Taro line) or in the tillage sector for deep fertilisation. There are also many application options in the sector of hybrid farming - in combination with a transformer VF or a Finer SL. The compact design of the Partner FT allows for an optimum visibility to the front. The feed opening is large and allows for a quick filling with a front loader or a telehandler.

An additional weight of 360 kg can be added to the Partner FT (empty weight 700 kg) as an option. The tractor, thus, is ideally balanced even if the front hopper is empty. For an optimum soil presentation the front hopper can be equipped with an intermediate packer. A RollPack packer with an additional weight of 280 kg and a tyre packer with an additional weight of 230 kg are available.

High throughput capacities are possible when applying fertiliser to be prepared for all situations and operational speeds. Beside the possibility to apply high seed rates, the advantage of the pressurised hopper Partner FT is that no dust is released in front of the tractor. The transport to the fertiliser/seed coulter is carried out in a closed system .

- Can be combined with tillage tools and seed drills
- Single hopper with a capacity of 1 600 l
- Optimum weight distribution
- High manoeuvrability
- Pressurised hopper prevents any release of dust in the front of the tractor
- Compact, clearly arranged front tank
- Large hopper opening



Single hopper with a capacity of 1 600 l



Compact, clearly arranged front tank



Partner 1600 FT with electric half-width shut-off

Partner 2000 FT



The Partner 2000 FT is a double hopper and has a capacity of 2 200 l in total. Depending on the application, two basic versions are available

Double hopper with a 60:40 partition

Configuration allows for applying seed and fertiliser, 2 x seeds or 2 different fertilisers. The assignment of the two differently-sized hoppers can be selected freely.

Double hopper with a 75:25 partition

Combination of a large hopper capacity for seed or granulated fertiliser and an additional capacity of 550 l for microgranular compounds with the new HORSCH fine metering device. The double hopper Partner 2000 FT is the ideal complement for all applications in the seeding and tillage sector where two components are required.

High throughput capacities are possible when applying fertiliser to be prepared for all situations and operational speeds. Beside the possibility to apply high seed rates, the advantage of the pressurised hopper Partner FT is that no dust is released in front of the tractor. The transport to the fertiliser/seed coulter is carried out in a closed system.

The basic equipment version of the Partner 2000 FT weighs 800 kg and it can be equipped with an additional weight of 360 kg. If the front hopper is used for sowing, the passively steered tyre packer distributes the total weight over a width of 1.30 m.

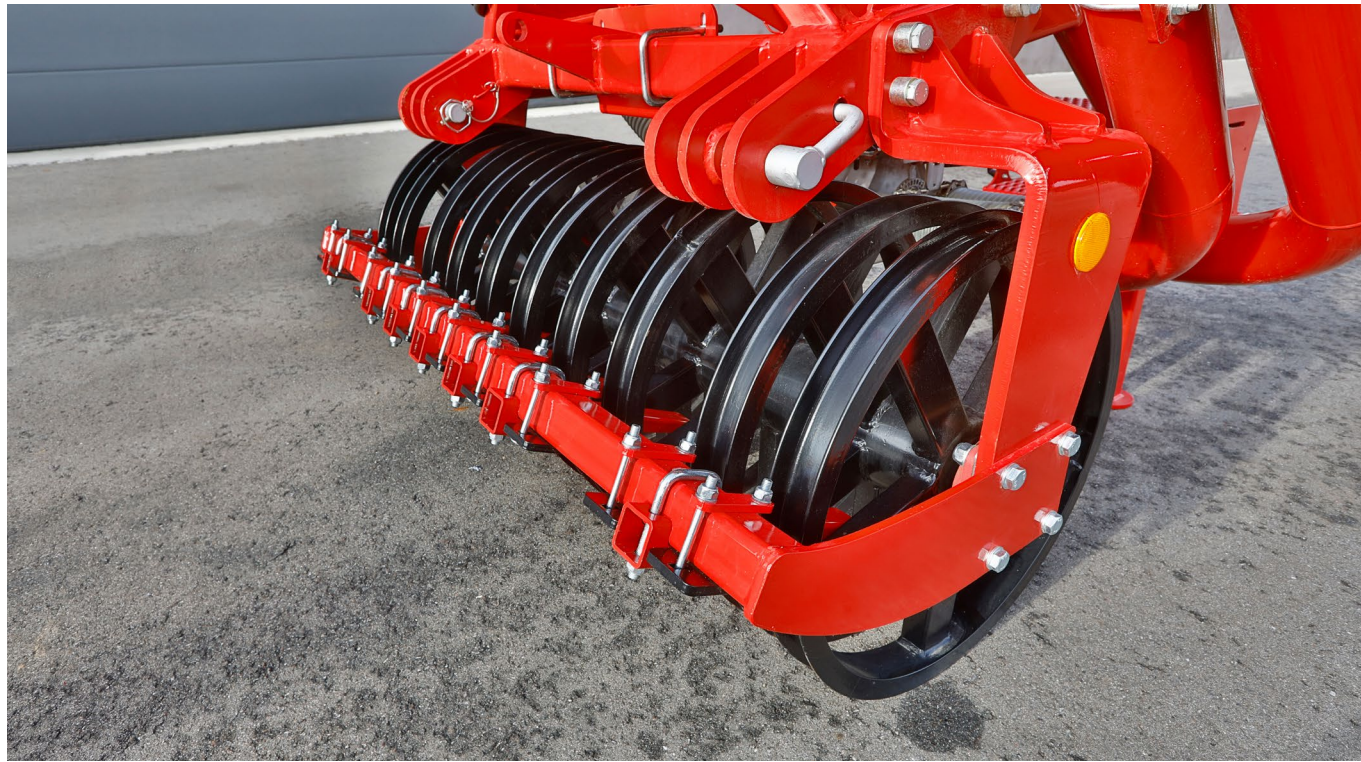
- Double hopper with a capacity of 2 200 l
- Can be combined with tillage tools and seed drills
- Double hopper version for Grain & Fertiliser or microgranular compound fertilisation
- Easy entry into the sector of placed fertilisation
- Application of seed and fertiliser
- Optimum weight distribution
- High manoeuvrability
- Pressurised hopper prevents any release of dust in the front of the tractor
- Compact, clearly arranged front tank
- Large hopper openings



Partner 2000 FT with 60:40 partition allows for applying seed and fertiliser, 2 x seed or two different fertilisers



Partner 2000 FT with 75:25 partition: large hopper for seed or granulated fertiliser and an additional 550 l for microgranular compounds



Packer version RollPack Packer Partner 1600 FT



In the field, the tyre packer allows for an optimum soil presentation

Packer options Partner 1600 FT

For an optimum soil presentation the front hopper can be equipped with an intermediate packer. A RollPack packer with an additional weight of 280 kg and a tyre packer with an additional weight of 230 kg are available. Due to this additional ballasting, the tractor is ideally balanced even if the front hopper is empty.

- Two different packer options are available.
- Allow for an optimum soil protection in the field
- The RollPack packer ensures a deep strip consolidation.
- The tyre packer guarantees even and consolidated conditions.
- Pressing and crushing of clods



The RollPack packer ensures a deep strip consolidation



Packer option, tyre packer Partner 1600 FT



The tyre packer guarantees even and consolidated conditions

Packer option Partner 2000 FT

The basic equipment version of the Partner 2000 FT weighs 800 kg and it can be equipped with an additional weight of 360 kg. If the front hopper is used for sowing, the passively controlled tyre packer makes sense to distribute the total weight over a width of 1.30 m. In the field, the passively controlled tyre packer allows for an optimum soil presentation.

- Allows for an optimum soil presentation in the field
- Pressing and crushing of clods
- 20° passively controlled tyre packer
- 1.30 m wide contact area over 4 tyres



20° passively controlled tyre packer



1.30 m wide contact area over 4 tyres and additional weights



The tyre packer allows for pressing and crushing clods



Partner FT quick coupling systems

Quick connection and easy decoupling between front hopper and implement in the rear

The HORSCH quick coupling device for the pneumatic tubes of the front hopper FT make the mounting and dismantling of the pneumatic hoses of mounted implements and the front hopper very easy. The easy handling without tools saves time when mounting and dismantling various implements, e. g. a Taro 6 SL, Express 4 KR or a HORSCH Maestro RV/RX.

- Easy handling without tools
- Quick couplings help a fast coupling and decoupling between front hopper, tractor console and implement
- High quality stainless steel components avoid corrosion



Easy handling of the pneumatic tubing without tools



The Partner FT quick couplings consist of high-quality stainless steel which avoids corrosion



Quick couplings help a fast coupling and decoupling between front hopper, tractor console and implement



Fine metering insert kits for standard metering unit hexagonal shaft

Fine metering insert kits for double metering unit spline shaft drive

Fine metering insert for double metering unit hexagonal shaft

Fine metering insert kits

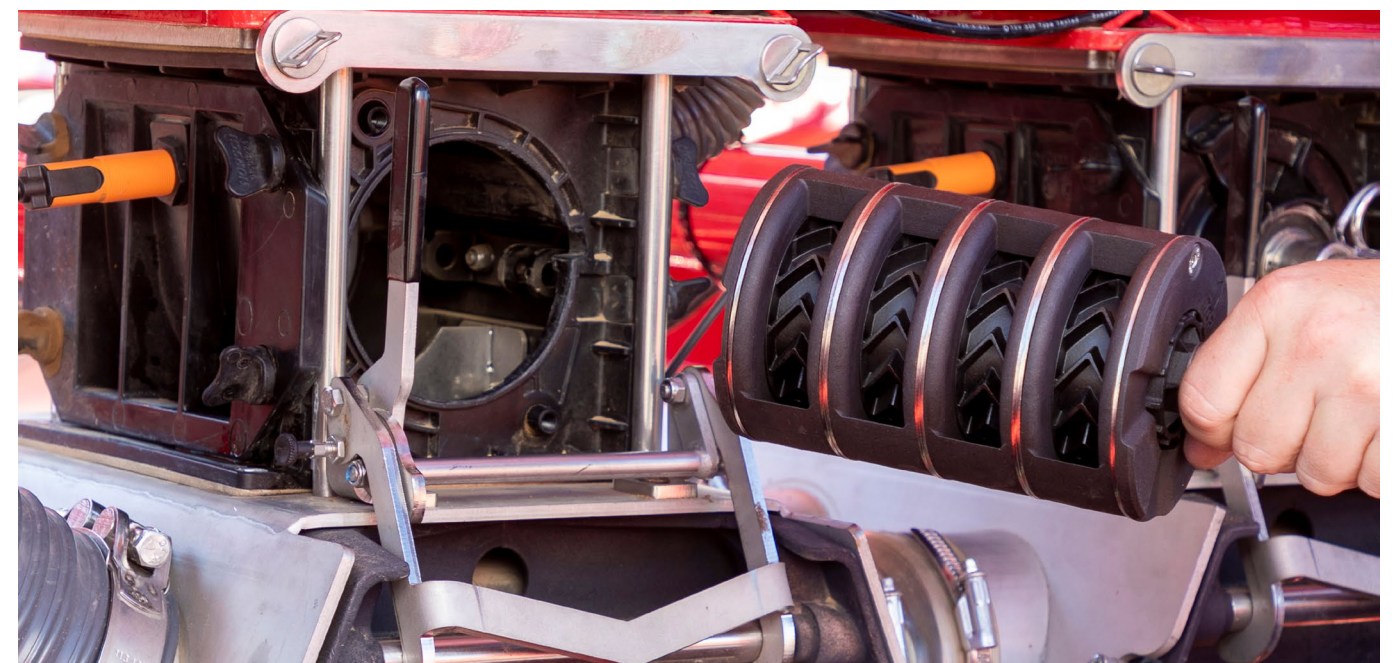
The solution for microgranular compounds and fine seeds

The HORSCH fine metering insert kit for standard metering devices for a precise application of microgranular compounds and fine seeds. The fine seed kits consist of the following components:

- A drive shaft with four possible drive pinions
- Three rotors with different sizes
- Individual spacers depending on the drive shaft

Due to the possibility to replace the drive rotors of the drive shaft by spacers and to select rotors of different sizes, you can meter between 1.5 kg/ha and 60 kg/ha (depending on the operational speed, working width and half-width options). The simplicity and flexibility of the components open up new possibilities for every HORSCH machine with a pressurised hopper. Whether Partner, MiniDrill, Pronto, Focus – the kits are compatible with all machines.

- Perfect for microgranular compounds and fine seeds
- Seed rates of 1.5 kg/ha to 60 kg/ha
- Can be used in every machine with a pressurised hopper
- Fine metering insert kit includes:
 - A drive shaft with four possible drive pinions
 - Three rotors with different sizes
 - Individual spacers depending on the drive shaft



Electric half-width shut-off

Automatic saving of product being used



Avoiding overlaps on the headlands, on wedges or obstacles improves the development of the individual plant and reduces the disease and competitive pressure in these areas

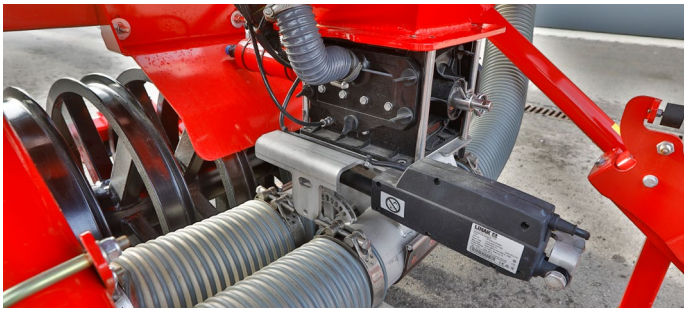
An electrical half-width shut-off at the Partner front hopper can be chosen as an option instead of the mechanical half-width shut-off to save fertiliser and seed.

As standard, a lot of machines are equipped with a distribution tower. A second distribution tower is available as an option. You can choose between a mechanical and an electric half-width shut-off. With a SectionControl activation the whole system can be automated. Avoiding overlapping reduces the seed requirement and prevents overfertilisation on the headlands and on wedges. Thus, the farmer can save costs quite easily .

- Saving of product being used like seed and fertiliser
- Overlaps on the headlands, on wedges or obstacles are avoided
- Switching the half-width on and off easily via a button in the terminal
- With a SectionControl activation the electric half-width shut-off can be automated



Electric half-width shut-off – switching the half-width on and off easily via a button in the terminal



The electric half-width shut-off can be automated with a SectionControl activation.

WorkLight Pro

Best visibility at night

Two flexibly adjustable LED headlights in the front guarantee optimum lighting in front of the front hopper. Flexibility plays an important role when sowing as you should choose the perfect sowing time for an optimum population. When sowing late or early, WorkLight Pro ensures an optimum illumination of the area in front of the Partner FT combination.

- Optimal illumination of the working surroundings at twilight and at night
- Flexibly adjustable LED headlights
- Can be switched on/ off via the terminal
- Very good illumination with low energy requirement



Optimal illumination of the working surroundings at twilight and at night



Flexibly adjustable LED headlights

Holder kit for pneumatic tubing

The HORSCH Partner holder kit for pneumatic tubing on standard tractors consists of a flexible attachment arm that fixes and holds the pneumatic tubing. The height and angle of the arm can be adjusted flexibly depending on the tractor used. The high-quality stainless steel components can be mounted with the support kit both horizontally and vertically.

- Stable and safe attachment arm of the Partner pneumatic components
- The angle of the attachment arm for the pneumatic lines of a HORSCH front hopper can be adjusted in two directions
- Horizontal tubing attachment to reduce visibility restriction
- Height-adjustable attachment arm – depending on tractor brand and tractor size



Holder kit for pneumatic tubing



Stable and safe attachment arm of the Partner FT pneumatic components



Horizontal tubing attachment ensures minimum visibility restrictions

TECHNICAL DATA

Partner FT	1600 FT	2000 FT
Transport width (m)	2.50	2.71
Height (without/with tyre packer) (m)	1.56 / ---	1.65 / 1.90
Length (without/with tyre packer) (m)	1.44 / ---	1.66 / 1.70
Weight with basic equipment (kg)	700	800
Additional weight with tyre packer (kg)	---	280
Hopper capacity (l)	1600	2200 (divided hopper 1320 : 880 l / 60 : 40 or 1650 : 550 l / 75 : 25)
Dimension of feed opening (m)	2,30 x 0,67	0.83 x 0.66 (small chamber) / 1.45 x 0.66 (large chamber)
Filling height (without/with tyre packer) (m)	1.56 / ---	1.57 / 1.82
DA control devices	1	1
Depressurized return flow (max. 5 bar)	1	1
Oil quantity hydraulic fan (l/min)	20 - 35	20 - 35
Implement attachment tractor-side	3-point Cat. II and III	3-point Cat. II and 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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