



2023



PROFESSIONALISM IN EVERY FIELD





USF

PNEUMATIC SEED DRILL FOR THE FRONT OF THE TRACTOR

Seed drill for cooperation with other machines

– cultivators, weeders, potato planters, and other using fertiliser application. For mounting on the tractor's front three-point hitch.

Easy loading from BIG-BAGs – thanks to a special tarpaulin. The large 1,600 litre hopper is made of lacquered black sheet metal. A 600-litre extension is available as an option. The USF 1600/2 version has a hopper with a split and detachable partition, which allows the seeding of two different seed materials.

Selectable drive option – a mechanical drive of the seed sowing apparatus from the ground following wheel (spur wheel) is available as standard. Optional: electric drive of seed sowing apparatus with TOUCH 800 controller and GPS for speed reading.

Reinforced seed sowing apparatus – volumetric

type, designed specifically for spreading fertiliser. The stepless adjustment of the spread rate is independent on both apparatus with blowing force control. The seed drills can be equipped with distributor heads with different numbers of outputs: 4, 6, 8, 12, 20, or 24.

Driving comfort – thanks to the ergonomically shaped hopper, which facilitates visibility for the tractor operator. Lighting and warning signs come as standard.

USF	1600/1	1600/2
Distributors [number of outputs]	4/6/8/12/20/24	4/6/8/12/20/24
Hopper capacity [dm³]	1600 (2200)	1600 (2200)
Fan drive	Hydraulic (24 litres/minute)	Hydraulic (24 litres/minute)
Number of seed sowing apparatus [pcs]	1	2
Weight [kg]	780 (810)	800 (830)
Power demand [HP]	The same as cooperating machine	The same as cooperating machine



FS T DRIVE

PNEUMATIC
COMBINATION SEED DRILL

Mechanical-pneumatic sowing system – dosing is carried out mechanically by means of a gearbox and the pin seed sowing apparatus, while the transport of the seed to the coulters is pneumatic.

Good performance – large hopper of 1,500 dm³.

Two options for powering the fan – directly from the tractor's hydraulics or independent hydraulics with its own hydraulic pump, oil tank and radiator.

Excellent seed-to-soil contact even in difficult soil conditions – thanks to massive SHELL 300-millimetre alternating coulters with pressure of 25 kgf or V-TECH G 350-millimetre with pressure of 80 kgf.

High stability during work and transport – guaranteed by the 800-millimetre tyre roller. In addition, it ensures good strip compaction before sowing.

Precise cultivation – the large 330x50 mm ground following wheels compact the soil after sowing and maintain the set depth, which is particularly important on mosaic soils. The disc unit with ø 460-millimetre discs ensures thorough cultivation over the entire working width. The 670-millimetre front packer roller provides good soil compaction between the tractor wheels.

Low power requirements – the semi-mounted system and relatively low unladen weight allow the machine to be aggregated with tractors with power from 100 HP.

MODEL	WORKING WIDTH [M]	SEED HOPPER CAPACITY [DM ³]	NUMBER OF COULTERS [PCS]	WEIGHT [KG]	POWER DEMAND [HP]
1500/3	3.0	1,500	24	2,850	100
1500/3 PREMIUM	3.0	1,500	20	3,050	120



FENIX 3000

PNEUMATIC COMBINATION
SEED DRILL

Accurate sowing of fine and coarse seeds without removing the seed roller – thanks to the precise FX volumetric seed sowing apparatus. The unit is intended for traditional or simplified technology.

Efficient and well thought-out design – the seed drill fan is driven directly from the tractor's hydraulics. The hydromotor requires a flow rate of min. 24 litres/minute. Massive 350 mm V-TECH G coulter with individual pressure of up to 80 kgf ensures ideal seed-to-soil contact in all conditions. The large 330x50 mm ground following wheels compact the soil after sowing and maintain the set working depth even on soils with different textures (mosaic).

Uniform seeding over the entire working length of the machine – thanks to the pneumatic sowing system with the distributor located above the sowing coulters and the 485-millimetre diameter discs.

Easier transport of the machine under difficult conditions – by means of a stable transport system on four wide wheels.

Oil supply from just one pair of hydraulics – thanks to the extensive hydraulic block. All adjustments of the machine are made using hydraulic cylinders.

The TOUCH 800 and ISOBUS computer – it is responsible for the control of the seed drill and hydraulic systems and enables, among other things, quick calibration of seeding and application rate changes while driving.

Simultaneous seeding of seed and fertiliser in the DUPLO version – with additional ø 400-millimetre fertiliser coulters with pressure of 100 kgf.

MODEL	WORKING WIDTH [M]	SEED HOPPER CAPACITY [DM ³]	NUMBER OF DISCS [PCS]	WEIGHT [KG]	POWER DEMAND [HP]
3000/3	3.0	3,000	18/24	4,750÷4,900	120÷140
3000/4	4.0	3,000	24/32	5,900÷6,500	140÷160
3000/6	6.0	3,000	40	7,600÷8,200	190÷240
4000/6 duplo	6.0	4,000	40	7,900÷8,500	220÷270



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Our products, through specialised trading partners, reach farmers in more than 60 countries worldwide, on every continent.

With this knowledge, we offer our customers not only state-of-the-art machinery, but also the best agronomic solutions used in the most demanding world markets.

We offer a comprehensive range of agricultural equipment:

- storage and drying equipment
- sprayers and potato harvesters
- seed drills and combined cultivators
- ploughs and cultivators
- spreaders and manure spreaders
- balers and wrappers



WE FOCUS ON GROWTH

- Precision farming
- Autonomous agriculture
- Sustainable agriculture
- No-tillage system
- Product and technology excellence
- Optimisation of the cereal storage system







60

MARKETS

4

MANUFACTURING
PLANTS

150

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We work with 50 top distributors of agricultural machinery in Poland.
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UNIA machines are present in more than 60 countries worldwide.
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700

ITEMS
ON OFFER

11.5 ha

OF
PRODUCTION
AREA

1,200

EMPLOYEES

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