

New seed drills VITASEM / VITASEM A



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Precision grain to grain VITASEM / VITASEM A –

Your benefits at a glance

Neuw VITASEM metering system

- 3-row multi-function metering wheel with separate fine-grain wheel
- 2-slider solution for rapid change between normal and fine seed
- Continuously-variable oil-submerged transmission with input gearbox to reduce speed during calibration

Large seed tank

- Large filling opening
- Wide loading platform
- Metering wheels located centrally underneath seed tank

Funnel-shaped outlets

- Wide, funnel-shaped outlets above each metering wheel
- Precise feed down to the last grain – ideal performance even with low quantities
- Lowest residues
- Seed does not slide across – excellent performance on slopes
- No partition plate required for rapeseed

Perfect drilling

- Proven design of Suffolk coulter with reversing protection or disc coulters
- 25 kg pressure on coulters
- Depth guidance roller on option
- „Perfect“ or „Standard“ tines



Unique mechanical metering system

Two individual metering wheels within one drill housing enable different seeds to be metered. The benefit of this innovative solution lies in a clear improvement of the drilling precision when sowing low seed rates, and additionally in the easier conversion from normal to small seed drilling. The key targets of any drilling system, i.e. reduced seed rates and optimised plant populations, are considerably improved.

Two completely independent metering units are combined in the one seed housing. The metering wheels are located on the same metering shaft. This means that the small seed and normal sowing wheels no longer need to be individually locked. The integrated dividing panel in the bottom flap prevents mixing of seed types. Each separate inlet slide for small seed and normal drilling can be converted from small seed to normal drilling by sliding in or pulling out the individual metering slides. Converting the metering is quick and easy, guaranteed.

102 series



Perfect sowing system

The optimised shape of the metering peg ensures the highest level of seed protection. Drilling rapeseed with low seed counts per square meter is carried out with optimal plant populations.

Funnelled outlets provide for minimal residual amounts and low minimum-fill amounts. A sufficient opening angle in the bottom flap ensures that the metering area is completely emptied.

Unique sowing technique on mechanical drills

„Overhead sowing“: For sowing fine grain the direction of rotation of the sowing shaft is changed (easy adjustment on side drive). Small hollows on the rear of the sowing wheel pegs take only one grain and drop it overhead into the seed funnel. Principle: sowing individual grains.



New drill combinations – a strong double ...

- VITASEM A seed drill is mounted on packer and guided by top link – parallelogram guided – packer and seed drill form a single unit
- Gap between seed drill and scraper bar is minimised – compact unit
- Driven by land wheel on left-hand side of machine – runs within 3 m working width
- Central coulter pressure adjustment on left-hand side of machine with scale for reference. Equal coulter pressure on front and rear gangs. Pressure springs attached to seed tubes – up to 25 kg pressure on coulters.
- Rugged, wide coulter arm mountings (85 mm) with replaceable bushings. Fastened using cast clamps attached to coulter rails using U-bolts.
- Depth roller available on option for limiting depth and repacking surface – straightforward depth adjustment using cotter pin – easy to fit/remove .

VITASEM	252	302	402	252 A	302 A	402 A
Working width	8.20 ft / 2.50 m	9.84 ft / 3.0 m	13.12 ft / 4.0 m	8.20 ft / 2.50 m	9.84 ft / 3.0 m	13.12 ft / 4.0 m
Drill coulters	21	25	33	21	25	33
Seed hopper gal/l	106/480	130/600 (220/1000)	186/850 (310/1400)	106/480	130/600 (220/1000)	186/850 (310/1400)
Coulter pressure	55 lbs / 25 kg	55 lbs / 25 kg	55 lbs / 25 kg	55 lbs / 25 kg	55 lbs / 25 kg	55 lbs / 25 kg

All information is provided without obligation



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