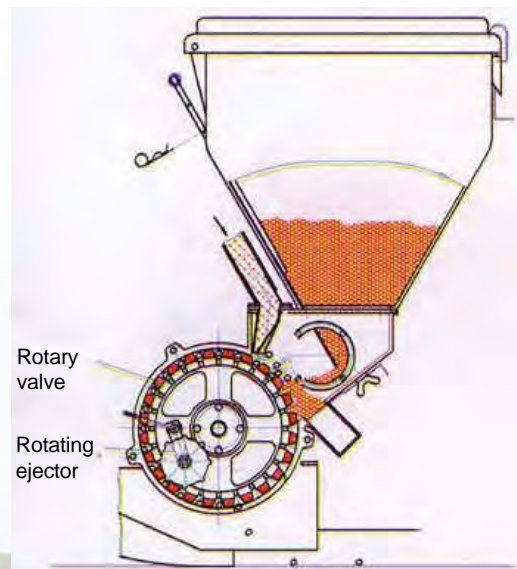


K KONGSKILDE
DEMETER AEROMAT





Precision drilling means accuracy

Placing the seed at regular intervals gives the plants optimum growing conditions.

Accuracy in the depth of planting is also important, as the basis for even germination and regular field emergence.

Over 25 years experience has gone into the development of the Demeter Aeromat precision drill, which includes an unique method for separating the seed.

The Demeter Aeromat models cover from 4 up to 18 rows. Interrow spacing is from 25 cm, upwards.

Fixed frame, telescopic, vertical and parallel folding beam versions are available, providing a choice of machine build-up in relation to working width and tractor size.

New Seed Wheel

The new M20 seed wheel with rotating ejector ensures an even more precise grain distance.

At the same time the new M20 seed wheel will ensure a better introducing of the grain in the seed wheel, and the new rotating ejector does not need to go as deep into the seed wheel. This can reduce the air-pressure from 140 mbar to 80 mbar, which will also reduce the necessary blower capacity as well as the heating generation.

The standard parallelogram is supplied with a 500-mm rubber wheel for recompaction (type S)

To seed in difficult conditions or in "Mulchsaat" the parallelograms can be fitted with disc's and V-shapes recompaction wheels.

Compressed air system

All Aeromats incorporate the patented Compressed Air System.

A fan delivers air into the rotary valve via a nozzle.

The cone-shaped compartments of the rotary valve fill with seed as they pass the seed hopper's outlet. Excess seeds in a compartment are blown out by the jet of air from the nozzle, so that only one seed remains at the bottom of the coned compartment - held in place by air pressure until the compartment reaches the point where the seed is to be placed in the ground.

The rotating ejector will ensure that all grains being wedged in the cone will be pushed out in the right moment.



M 20 Parallogram Typ S.



Aeromat P 4 Z with M 20 Parallogram Typ S.



M 20 Parallogram Typ DTE.



Aeromat P 8 ZS HKP DTE with M 20 Parallogram Typ DTE.



Fertiliser

Drills can be fitted with either a mechanical, (4 row), or a pneumatic fertiliser system, with a central hopper.

The 4 row machine has two individual fertiliser hoppers holding, in total, some 250 kg. The central hopper of the pneumatic models holds approx. 700 kg.

Application rates for fertiliser range from 80 kg/ha up to 600 kg/ha. Large sized metering units ensure accuracy and are easy to clean.

All hoppers, as standard, are fitted with a screen and agitator. Tine or disc openers, both of which can be adjusted for depth and width, are used for placing the fertiliser in the soil.

A hydraulic auger can be supplied for filling the fertiliser hopper.

Monitor

The monitor BMS 1502 is used for controlling of blower revolutions and drill performance as well as monitoring tractor speed, time working, seed rate per hectare and closure of individual elements.

The BMS 1502 can monitor up to 12 rows.

DLG - test

The Aeromat P8Z-HKP with standard parallelogram "S" and "DTE" has been tested by DLG (Focus test 5719F). The machine has been tested up to 10 km/h as regards the variation in distance between the seeds and variation in double or none seeds.

For both versions the machine received the best or second best character by DLG.

Internal tests have shown that you can increase the speed up to 12-14 km/h and thereby obtain a higher seeding capacity.



Fertiliser coulter.



Fertiliser disc opener.

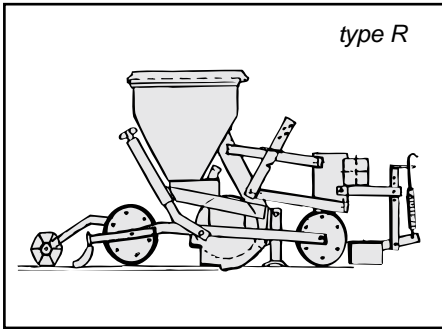


Loading auger.

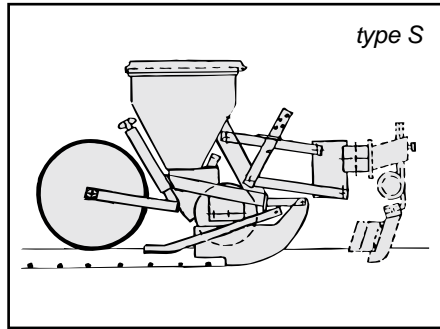


Monitor BMS 1502.

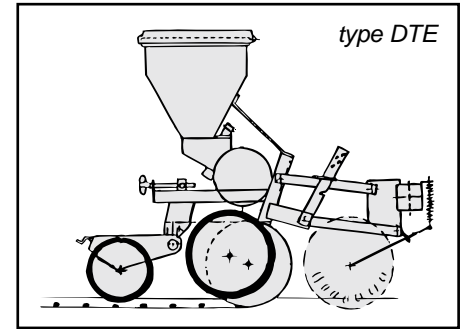
Equipment Categories



- Type R:
- Tandem design
 - front & rear press wheels
 - coverall
 - rotary coverall for evenness



- Type S:
- pressure/depth control wheel Ø 500 mm
 - spring-loaded seed coveralls



- Type DTE:
- disc openers
 - twin depth control wheels Ø 400 mm
 - twin (rear) press wheels

Frames

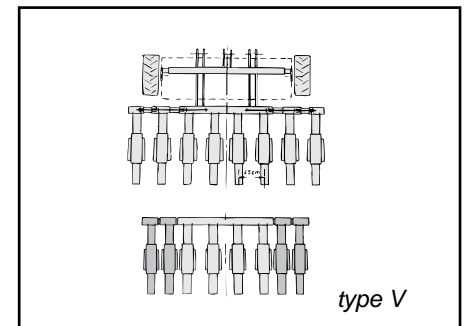
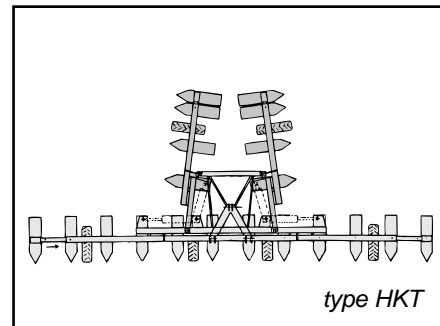
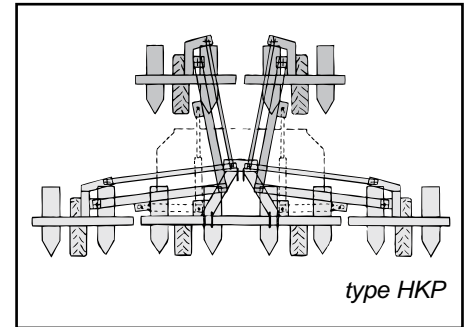
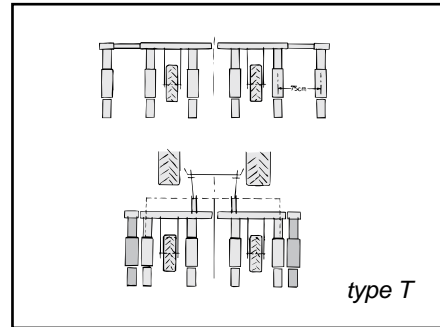
- Type T: - telescopic folding to transport mode

- Type HKP: - parallelogram folding

- Type HK: - vertical folding

- Type HKT: - combined vertical/telescopic folding

- Type V: - tool bar



Version	Rows No	Parallelogram	Type of folding	Fertiliser	Row dist., cm	Beam	Transport width, cm	Gear-boxes No	Wheels No	Wheels Type	Weight kg	Monitor
6R	6	R	-	-	45-50	Fixed	300	1	2	5,00-15	625	-
12R	12	R	Rigid/HK/HKP	-	45-50	Fixed/Ver./Parr. Fold	300*)	2/3	2/4	5,00-15	1225-1490	-
18R	18	R	Rigid/HK	-	45-50	Fixed/Ver. Fold	300*)	2/3	4/6	5,00-15	1915-2010	-
4S	4	S	-	2 row/Central	70-80	Fixed	300	1	2	5,00-15	620-920	-
4DTE	4	DTE	-	2 row/Central	70-80	Fixed	300	1	2	5,00-15	780-1080	-
6S	6	S	Rigid/T	Central	70-80	Fixed/telesc.	300	1	2	5,00-15/7,50-15	760-1150	Optional
6DTE	6	DTE	Rigid/T	Central	70-80	Fixed/telesc.	300	1	2	5,00-15/7,50-15	1000-1390	Optional
8S	8	S	HKP	Central	75-80	Parr. fold	300	3	4	½	1500-2080	Optional
8DTE	8	DTE	HKP	Central	75-80	Parr. fold	300	3	4	5,00-15/7,50-15	1820-2400	Optional
12S	12	S	HKT	-	75	Vert. telesc.	300	3	4	7,50-15	1550	-
12S	12	S	-	-	75-80	fixed	300*)	2	4	7,50-15	1500	-

*) using lengthways transport element: 330 cm



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