

Trailer spreader for distribution of lime, fertilizers etc



Construction:

Standard version with land wheel:

Regulating the rpm of the spreading discs, which are pto-driven, regulates the spreading width. A land wheel is pressed towards the trailer wheel providing the mechanical road speed related power required to operate the conveyor belt. Via a cardan axle connected to a gearbox (KB2) that regulates the conveyor belt speed and a constant flow (spreading quantity) is forced through the dosage gates of the spreader on to the chutes and the spreading discs.

Alternative 1: with hydraulic motor:

Regulating the rpm of the spreading discs, which are pto-driven, regulates the spreading width. The tractor hydraulic operates the conveyor belt – feeding the fertilizer onto the spreading disc.

Alternative 2: with worm gear:

The tractor pto operates a worm gear, which operates the spreading discs (and by regulating the rpm of the pto, the spreading width is regulated) as well as the conveyor belt – feeding the fertilizer onto the spreading discs.

Net weight standard	3200 kg
Do with 23 cm hopper extension	3450 kg
Capacity standard (even mesh)	9000 litre
Capacity with 44 cm hopper extension (even mesh)	11300 litre
Loading capacity	12 tons
Hopper width	2450 mm
Wheel size alternative 1 – Track width 2110 mm	750 / 60 – 30.5 = Total width 2860 mm
-----alternative 2 – Track width 2080 mm	800 / 65 x 32 = Total width 2880 mm
Hopper length / Total length	4100 mm / 6200 mm
Working-width – fertilizers (round spreading discs)	12 – 36 m
Working-width – lime / fertilizer (square spreading discs)	12 – 16 meter / 12 – 24 m
Loading height (with 800 / 65 x 32 wheels)	2550 mm
1. Extension	2780 mm

Standard equipment:

1. Traffic lights according to regulations
2. PTO shaft with free wheeling
3. Spreading discs for 12-24 m
4. Hydraulic brakes
5. Hydraulic jack

Extra equipment.:

1. Fertilizer spreading discs 12-36 m
2. Gearbox for reverse spreading
3. Spreading discs for reversed spreading
4. Screen
5. 23 cm. hopper extension,
6. Cover, mechanical
7. Cover, hydraulically inclusive 23 cm extension
8. Cover over spreading discs,
9. Litre weight (for measuring density of fertilizers),
10. Late application kit,
11. Hydraulic operated rear door
12. Electronic/hydraulic control
13. Weighing cells,
14. Weight transfer system
15. Overloading auger for grain transport
16. 60 cm extension for grain transport ONLY
17. Reduction gear (½ speed like KB3)