

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 hydraulically (tractor hydraulics) 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 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.

Alternative 2: 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.

Net weight standard	2000 kg
Do with 23 cm hopper extension	2150 kg
Capacity standard (even mesh)	5000 litre
Capacity with 44 cm hopper extension (even mesh)	6500 litre
Loading capacity	7 tons
Hopper width	2150 mm
Wheel size alternative 1 – Track width 1910 mm	23 x 26 10 PR = Total width 2510 mm (+80 mm with worm)
-----alternative 2 – Track width 2000 mm	28 L 26 = Total width 2710 mm (+40 mm with worm)
-----alternative 3 – Track width 2000 mm	650 / 665 30.5 = Total width 2150 mm (+40 mm with worm)
-----alternative 4	
-----alternative 5	
Hopper length / Total length	3000 mm / 5250 mm
Working-width – fertilizers (round spreading discs)	12 – 36 m
Working-width – lime / fertilizer (square spreading discs)	12 – 16 m alternatively 12 – 24 m.
Loading height (with 23.1 x 26 10 PR wheels)	2250 mm
Do with 23 ch hopper extension	2480 mm

Standard equipment:

1. Traffic lights according to regulations
2. PTO shaft with free wheeling
3. Spreading discs for 12-24 m
4. Hydr. Brakes

Extra equipment.:

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