

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 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	1600 kg
Do with 23 cm hopper extension	1650 kg
Capacity standard (even mesh)	3500 litre
Capacity with 23 cm hopper extension (even mesh)	4800 litre
Loading capacity	5 tons
Hopper width	1950 mm
Wheel size alternative 1 – Track width 1850 mm (+80 mm. with worm gear)	16.9 x 30 8 PR = Total width 2320 mm
-----alternative 2 – Track width 1910 mm (+80 mm. with worm gear)	23.1 x 26 8PR = Total w. 2510 mm (+80 mm with worm gear)
-----alternative 3 – Track width 1880 mm (+80 mm. with worm gear)	500/65x22.5 T404 = Total w 2380 mm (+80 mm with worm)
-----alternative 4 – Track width 2000 mm (+80 mm with worm gear)	600/55x26,5 T404 = Total w 2600 mm (+80 mm with worm)
-----alternative 5 - Track width 1880 mm (+120 mm with worm gear)	550/60x22.5 T404 = Total w 2430 mm (+120 mm with worm)
Hopper length / total length	2900 mm / 5300 mm
Working-width – fertilizers (round spreading discs)	12 – 36 m
Working-width – lime / fertilizer (square spreading discs)	12 – 16 m / 12 – 24 m.
Loading height (with 16.9 x 30/ 8PR wheels)	1900 mm
Do with extension	2130 mm

Standard Equipment:

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

Extra equipment:

1. Hopper in stainless steel
2. Fertilizer spreading discs 12-36 m
3. Gearbox for reverse spreading
4. Spreading discs for reverse spreading
5. Screen
6. 23 cm. hopper extension,
7. Cover mechanical
8. Cover Hydraulically inclusive 23 cm extension
9. Cover over spreading discs,
10. Litre weight (for measuring density of fertilizers),
11. Late application kit
12. Hydraulic operated rear door
13. Electronic/hydraulic control
14. weighing cells
15. Weight transfer system
16. Hydraulic brakes
17. Pneumatic brakes
18. Reduction gear (1/2 speed like KB3)