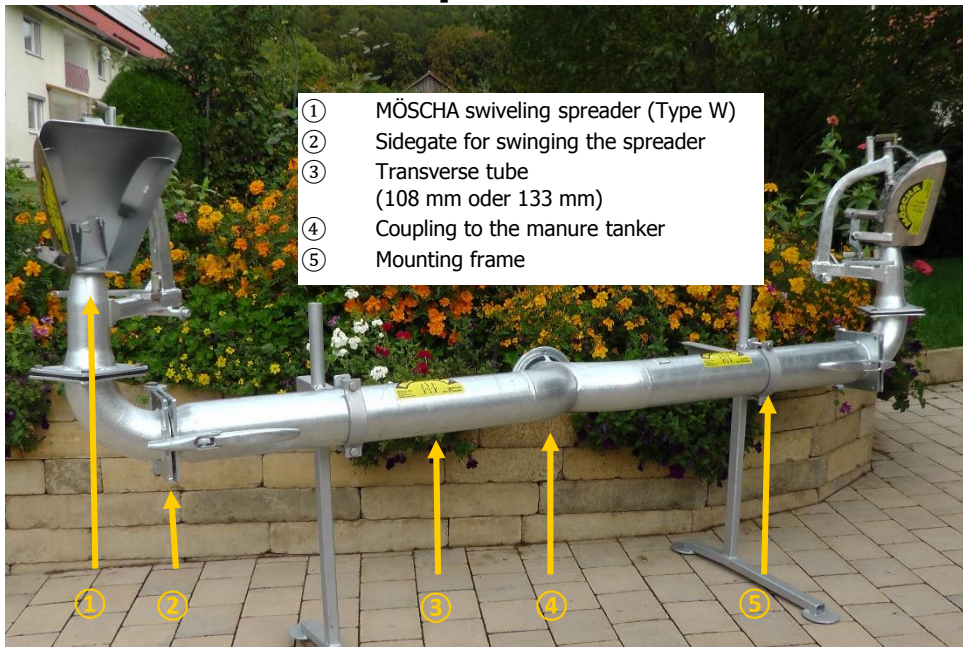


Operation Instructions for MÖSCHA DUO swiveling spreader



- ① MÖSCHA swiveling spreader (Type W)
- ② Sidegate for swinging the spreader
- ③ Transverse tube (108 mm oder 133 mm)
- ④ Coupling to the manure tanker
- ⑤ Mounting frame

The MÖSCHA DUO swiveling spreader for 21 meter working width

The MÖSCHA DUO swiveling spreader for 21 meter working width ist designed for use on manure tankers and the like (hereinafter referred to as tankers) that can generate a pressure of at least 0.95 bar and permit a secure installation of the MÖSCHA DUO swiveling spreader.

The DUO swiveling spreader consist of a transverse tube attached by mounting frame to the tanker and two MÖSCHA Type W swiveling spreaders.

Setting the working width

The working width of 21 meters is attained by inserting the stop bolt in the middle hole of the five holes in the bolt circle on each of the two swiveling spreaders and screwing it down tight.

Note that the working width depends on different factors, such as the creation of pressure in the tanker. For a working width of 21 meters, a minimum height of the tanker lower edge of 70 cm and 1 bar of pressure are necessary with a vacuum tanker.

During spreading of the manure, ensure following

1. Produce the desired speed
2. Swith on PTO shaft and generate pressure
3. Open gate and spread manure

Table for determining the ground speed and the driving distance for a 12,000 liter tanker with 1.0 bar of pressure

ground speed [km/h]	driving distance (12,000 l, 1 bar pressure)				application rate [m3/ha] working width 21 m			
	S-55 W	S-62 W	S-68 W	S-77 W	S-55 W	S-62 W	S-68 W	S-77 W
3	171	136	115	94	33	42	50	61
4	229	182	154	125	25	31	37	46
5	286	227	192	156	20	25	30	37
6	343	272	231	188	17	21	25	30
7	400	318	269	219	14	18	21	26
8	457	364	308	250	12	16	19	23
9	514	409	346	281	11	14	17	20
10	571	454	385	312	10	13	15	18
11	629	500	423	344	9	11	13	17

Note: Ground speed over 11 km/h results in uneven spreading (zig-zag pattern)

Problem solving

1. Separate the spreader from the flange plate and inspect for **foreign objects**.
2. Check **tension spring**: Does the tension spring pull the spreader all the way to the side after a slight deflection so that the switching lever is against the rubber bumper? Is the roller perpendicular?
3. Visual inspection of the **baffle plate**: The baffle plate must be symmetric, the lower half should be bent inward, the upper half slightly outward.
4. After an application output of approximately 20,000 m³, a **play in the mounting of the deflection plate** shaft on the swiveling head frequently occurs. In this case, the brass coupling sleeve must be replaced. During installation, make sure that the washer(s) provide a distance of 4.5 mm between deflection plate and swiveling head.
5. Should **spare parts** be required or other **malfunctions** occur, please call us!



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