



Large-capacity spreaders



High performance universal spreaders

**For environmentally-safe
precision spreading of all suitable
bulk materials.**

DLG-approved, strongly built, long-life
and dependable.

Long-year experience in construction of professional-
standard trailers is built into the user-friendly basic
models and wide choice of extras.

HAWE-Wester
GmbH & Co. KG
Maschinenbau

Your specialist for transport solutions

Experienced, innovative and practical

Our experience

HAWE has built special trailers for agriculture for over 40 years offering transport solutions for contractors and machinery rings or large farm businesses.

Our know-how

Vehicle development always takes place in close dialogue with professional users for machinery that's functional, dependable in working situations and offering long life. This company philosophy is nowadays more applicable than ever, a policy daily reconfirmed by satisfied customers.

Our competence

Concentration on selected operations ensures specialised competence and successful products. The name HAWE stands for farmyard manure and general material spreaders, silage transport trailers, dumpers and naturally also field transfer trailers for grain.



HAWE large-capacity spreaders for professional work with one, two or three axles for all sizes of farm businesses and working conditions.



A wide range of customising components is available to choose from.

Our flexibility

HAWE has developed a single welding plant for the manufacture of frames and chassis on which all model series and types can be produced. This means highest flexibility: assembly following arrival of the order – without prefabrication and intermediate storage.

Our quality

HAWE uses only high-quality materials from recognised suppliers. Only the best is good enough for professional full-time working machinery. Quality controls in the manufacturing process and exceptionally thorough final inspections guarantee highest quality standards.

Our advisory role

We talk with our customers and determine wished-for capacity, type and extra equipment so that each machine is optimally equipped for the planned application. Special requirements are included in construction and even the colour can be chosen to match the tractor fleet at a fixed price.

HAWE-Univer

HAWE farmyard manure spreader

Top performance – long working life

For farms applying farmyard manure only, HAWE offers spreaders with capacities from 7.5 – 17.5 m³.

The single and tandem axle trailers are based on the same design principle as the universal spreaders, the main difference lying in the spreader system with its four vertical rotors. Spreading width is six meters; the aggressive action of the shredders makes an outstanding job of breaking up the material. Downtime is minimized through hard-facing of the tines.



Technical specifications in standard equipment:

Type	DST 8 T - SW	DST 12 T/ 40	DST 16 T/ 40	DST 20 T/ 40
Licensed gross wt. (t)	8	12	16	20
Trailer body				
Length (m)	5.20	5.40	5.85	6.00
Breadth (m)	2.10	2.10	2.10	2.10
Height (m)	0.60	0.90	1.10	1.20
Capacities approx. (m ³)*	7.5/ 11	9.5/ 11.5	13/ 16.5	14.5/ 17.5
Spreader clearance Height (m)	1.10	1.30	1.50	1.70
Floor scraper chains: 4 chains of	13mm x36ø	14mm x 50 ø	14mm x 50 ø	14mm x 50 ø
Tyres	15.0/70-18 8-bolt	550/60x22.5 8-bolt	550/60x22.5 8-bolt	600/55x22.5 8-bolt
Axles	single/tandem	tandem	tandem	tandem
Licensed max. speed (km/h)	25	40	40	40

* 1st figures given = volumes with levelled-off load; 2nd figures = volumes achieved with piled load up to height of rear spreader.

Standard for all manure spreaders:

strong distortion-resistant frame construction, profile steel side walls with fork-cleaning strips (timber), front transparent protection mesh, four floor scraper chains, four vertical spreading rotors and overload safety system, Walterscheid drive shaft with overload safety system, overrun brakes – reverse drive automatic for 8 t or hydraulic brakes for 12 t, legal roadworthiness certificate: vehicle roadworthiness inspection, roadworthiness certificate, upper attachment point, lighting of legal roadgoing standard.

The HAWE product range is continually being further developed. We reserve the right to change specifications, prices and models at any time. Illustrations and specifications approximately binding.

rsalspreader

High quality components...



HAWE large-capacity universal spreaders are constructed for professional non-stop work. The use of high quality components guarantees long working life. The spreading system with two horizontal rotors, spreading rate regulating gate and broadcasting discs is DLG tested and enables accurate spreading of different materials over a maximum 24 meters.

Good oversight

A clear view of the work is critical for safe and straightforward operation. For best

oversight back to the spreading system the trailer front wall and mesh safety barrier feature transparent grills. The operator can therefore see immediately when the spreader is empty.

Trailer attachment point

Customers can choose between upper and lower attachment points with also different types of attachment available. On top of this, the usual attachment systems for export markets such as Piton Fix, etc., are offered.

This choice enables contractors to simply order whatever

attachment system is already used in the fleet.

Soil protective

HAWE spreaders are characterised by their low draught requirement and low operating power demands. Selection of large volume, low cross-section tyres is possible from a large range.

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....for tough non-stop work



1 Protective metal grill in front, transparent front wall and folding ladder to the right of drive direction



4 Wooden fork-cleaning strip at sidewall tops



7 Bolt-on wear-resistant **spreader tines** (option) of Hardox steel



2 Indicator showing regulating gate height, drawbar suspension and transparent front trailer wall with view through to spreader



5 Two horizontal spreading rotors, regulating gate completely open, hydraulic rear gate open and floor scraper with four high strength tempered chains



8 Broadcaster discs with six adjustable thrower blades, replaceable throw-direction guards of Hardox steel (standard)



3 Screw tensioners for the floor scraper system. Every chain can be individually tensioned



6 Four 14 mm floor **scraper chains** with large links giving high self-cleaning efficiency and long working life



9 Following steering axles with weight-dependant steering system: the heavier the weight the more consistent the straight line progress

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Robust drive systems – for optimum maintenance and lubrication

Long operating life, high performance, low maintenance



Floor scraper drive, spur wheel gearing, forward and reverse operation



Spreader rotor drive via 1.25 inch chains



Central chain lubrication



Continuous lubrication of chains and floor scraper bearings



High performance spreading system: two horizontal rotors with aggressive welded-on shredder tines face-hardened for long working life



Floor scraper with four strong chains and spreader system are optimally matched with one another



Easily accessible grease nipples

HAWE-Univer

1, 2 or 3: running gear solutions for professional operation

Low ground pressure and reduced draught demand



Single axle chassis model available with overrun brakes and automatic reverse drive or hydraulic brakes (12t)



Tandem axle chassis, also available with hydraulic or air suspension (option)



Tripe axel chassis, also available with hydraulic or air suspension (option)



Attachment

Lower level, Scharmüller ball and socket attachment



Upper level attachment in tractor clevis hitch, parking stand, wide-angle drive shaft and telescopic support for hydraulic hoses



Electro-hydraulic controls with optional speed-dependent or GPS-steered spreading



Extra equipment

Optional special paint job, e.g. to match tractors



Side extensions and load cover for lightweight materials



Load cover in rolled position

Further extras on application

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Technical specification in standard equipment:

Type	DST 12 T/40	DST 16 T/40	DST 20 T/40	DST 22 T/40	DST 29 T/40	DST 32 T/40
Licensed gross wt (t)	12	16	20	22	29	32
Trailer body (m)						
Length (to gate)	4.75	5.20	5.35	5.85	6.65	7.60
Breadth	2.10	2.10	2.10	2.10	2.10	2.10
Height (sidewalls)	0.90	1.10	1.20	1.30	1.30	1.30
Overall dim.(m)						
Length	5.40	5.85	6.00	6.50	7.20	8.00
Breadth	2.15	2.15	2.15	2.15	2.15	2.15
Track width (m)	1.95	1.95	2.05	2.05	2.05	2.05
Load height (m)	2.40	2.40	2.50	2.60	2.60	2.60
Load volume approx. (m³)*	9/ 13	12/ 15	13.5/ 16.5	16/ 18.5	18.5/ 21	20/ 23
Spreader clearance						
Height (m)	1.30	1.40	1.50	1.50	1.50	1.50
Floor scraper chains:						
Four, each measuring	14mm x 50ø	14mm x 50ø	14mm x 50ø	14mm x 50ø	78.5 flat	100 flat
Tyres	550/60x22.5 traction 8-bolt	550/60x22.5 traction 8-bolt	550/60x22.5 16PR traction 10-bolt	700/50x26.5 traction 10-bolt	600/55x26.5 traction 10-bolt	700/50x26.5 traction 10-bolt
Running gear	Tandem/Single	Tandem	Tandem	Tandem	Tridem	Tridem
Attachment	upper	upper	upper	upper	upper	lower/hitch

*1st figures given = volumes with levelled loading (to top of sides); 2nd figures = volumes achieved with heaped loading up to height of spreader system.

Standard for all universal spreaders:

strong distortion-resistant frame construction, profile steel side walls with fork-cleaning strips (timber), front transparent protection mesh, four floor scraper chains, two horizontal rotors with aggressive shredders, vertical hydraulic regulating gate, two broadcaster discs with overload safety system, hydraulic rear gate, wide-angle drive shaft with overload safety system, 40 km/h, drive shaft with overload safety system, air or hydraulic brakes, legal roadworthiness certificate: vehicle roadworthiness inspection, roadworthiness certificate, lighting of legal roadgoing standard.

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