

BERGMANN Spreader Program

For effective operations



Model series:

Manure Spreader M

Universal Spreader TSW

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M 1080

Single axle · 8 t

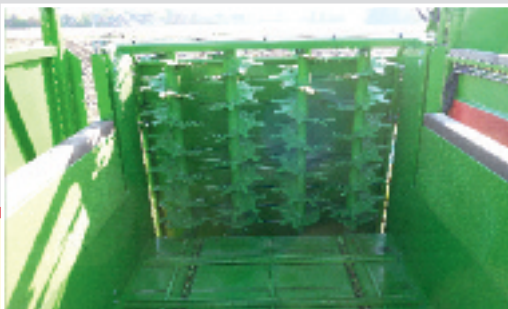


Direct drive on the SW-spreader unit. The self-supporting bin makes it possible to do without a supporting frame and thus offers hardly any possibilities for dirt to collect. Both result in a minimum on maintenance and cleaning time.



Manure spreader M 1080 with conical full-steel bin, 4-beater spreader unit - optionally available with wall extensions. High-strength tempered tines in screw-shape crush the material exactly, which provides for fast and uniform spreading pattern on fields and grassland.

Conical full-steel bin with high-strength scraper floor chains and heavy duty scraper bars.



The scraper floor is tensioned automatically from the front. The hardened round steel chains with a tensile strength of 15 tons per chain provide for sure movement to the spreader.

The hydraulic lines are mounted to the side of the body. This makes it easy to clean the spreader.



M 1080

M 2120

M 3140

M/TSW 2120

Single and tandem axle · 8 -12 t



Universal Spreader TSW 2120 - with dosing wall and wide spreader unit.



M 2120 SX E as a single axle for the professional spreading of manure.



Overrun device with automatic reverse in connection with sprung drawbar. Unique in this class!

Single axle and tandem vehicles in combination with dual-circuit air brakes are optionally available with a sprung drawbar for high and low mounting.



Solid scraper floor bars bolted close together guarantee an optimal supply of the material to the beaters.



The full-steel bin without base frame saves weight and facilitates cleaning of the spreader.



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M/TSW 3140

Single and tandem axle · 12 - 14 t



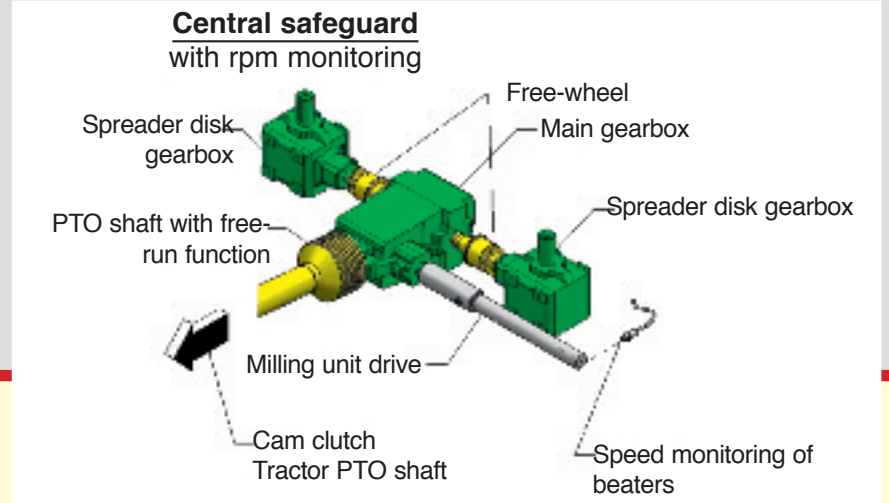
▲▼ The M/TSW 3140 models are optionally available with either high sprung or low sprung drawbar - a guarantee for a comfortable ride and good handling.



The Universal spreader TSW 3140 is a compact, solid spreader for the highest requirements. With the two-disk high-performance spreading unit exact working widths of 25 m and more can be reached.



M 3140 SZ as a tandem version with 4 beater unit for professional spreading of manure.



The powertrain (TSW) with central safeguard and large-sized gearboxes ensures a long service life.

The chassis construction with self-supporting design minimizes the need for cleaning and maximizes payload.

M/TSW 4190

Tandem · 16 - 19 t



The frame construction is compact. Upper frame, side panels and stanchions are firmly welded together.



The body of the TSW 4190 consists of a conical all-steel bin with extra width and a high loading capacity. The bin is leak-tight so that even thick, viscous materials can be transported and spread.



M 4190 SZ with a 65 km/h road speed design. Manure spreader with conical all-steel bin and 1,40 m SZ spreading unit.



The large floor-gearbox provides for sure transport of the most diverse materials to the spreader unit.



With an automatic tensioning device, which is visible from the tractor, the 4 scraper floor chains can be easily adjusted from the front. This allows for a high degree of safety and smooth operation.

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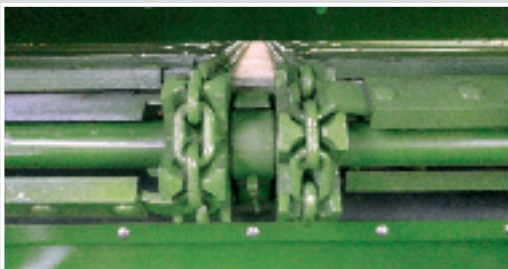
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M/TSW 5210 · A16

Tandem · 16 - 22 t



A spread pattern limiter, hydraulically operated, prevents the soiling of roads, paths and waterways etc. with spreading material (optional).



Four 14 x 50 mm strong round steel chains are deeply embedded in large chain wheels (little wear and tear).



S-series with exact dosing wall level indicator and optional central lubrication, which guarantees the uniform lubrication feed to all bearing points. This significantly reduces maintenance efforts.



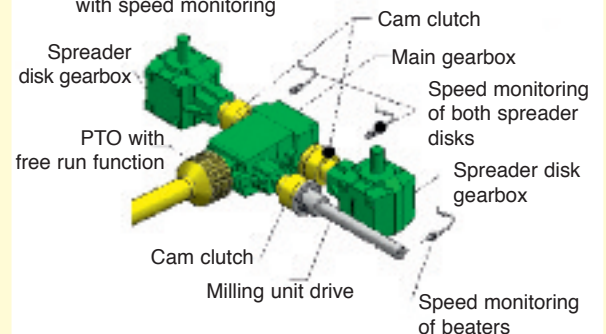
BERGMANN- Universal-Spreader- safety and reliability

All elements are clearly arranged and carefully coordinated, up to the last detail. With the two-disk high-performance wide-spreading unit exact spreading widths of 25 m and more can be reached.



▲ Exact, correct distribution of lime and a wide variety of other agricultural materials is one of the most important tasks in the field of agriculture today.

Individual protection (TSW) with speed monitoring



M/TSW 6240 · A 19

Tandem · 22 - 24 t



The need for precise and uniform distribution of different materials increases continually. With innovative and experienced spreading technology BERGMANN has the right technical solutions for all company sizes.

▼ With the TSW 6240 large quantities of materials such as manure or other organic fertilisers, can be accurately and economically applied.



◀ Individual protection (TSW 5210 S and up)

For milling drums and disk spreaders. Before each milling unit and before each spreader disk there is an overload clutch to prevent overloading of the gearbox. A scraper floor brake interrupts the material feed to both units when sudden speed drops occur (optional). This prevents material damage caused by blockages.



The cardan drive is available for both 2- and 3-beater spreader units.



Hydrostatic suspension system. The load is distributed evenly on all wheels. The extensive spring deflection (up to 300 mm) guarantees the best driving characteristics, even on uneven terrain.

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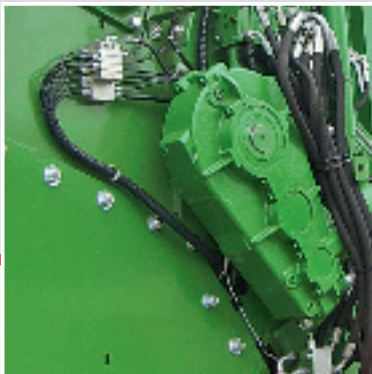
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TSW 7340 S · A 21

Tridem · 34 t



Whenever it comes to demanding spreading jobs where farm contractors need greater effectiveness BERGMANN universal spreaders are in use.



Two-sided scraper floor drive with reinforced gearboxes means low maintenance expenses.

This constellation allows for very accurate spreading of even the most difficult materials.



TSW A 21 special body (approx. 34 m³)

Special Purpose Vehicles

BERGMANN Spreader bodies can be mounted on all common truck types.



Holmer Terra Variant 500/600 with BERGMANN body for self-propelled carrier chassis and weighing unit. The spreader unit is driven by a large hydraulic motor.



Mercedes Actros with BERGMANN body for self-propelled carrier chassis (approx. 27 m³) for spreading manure and lime by way of the secondary drive via cardan shaft.



Dosing bunker 10 m³-Container, beaters and weighing unit. The material is fed into the reception store of the biogas facility after it is ground. Dosing bunker available up to 60 m³.

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Controllers



E-Control light - the simple

Electromagnetic scraper floor adjustment:

The E-control Light offers simple and precise setting of the scraper floor speed via a rotary potentiometer.



E-Control - the robust

PILOT BOX:

All important functions such as follow-up axle, dosing wall and tailgate can be operated via switches on the robust pilot box. The adjustment of the scraper floor speed is made via a rotary potentiometer.



BCT 20 - the comfortable

BERGMANN comfort controls BCT 20:

BCT 20 controller with background lighted keypad, display and simple and logical design has a variety of functions. Various work procedures are programmable. A simple trip counter or operating hours counter is integrated, the spread volume controller is optional.



CCI200 - the pioneer

ISOBUS Terminal CCI 200:

ISOBUS-compatible terminal CCI200 is optionally available - also suitable for further ISOBUS-enabled devices in accordance with ISO 11783. Touch screen operation is possible. The large display screen provides for simple operation of the machine. The terminal has a background light and offers various interfaces, such as USB, WI-FI internet access, video input, etc. The CCI 200 contains all features of the BCT 20. Additional features such as task controller for GPS based spreading and weighing unit operation are available. The smartCHASSIS functions (traction management, automatic levelling, roll stabilization and weighing unit) can be operated with the CCI200.

Spreader Units

Spreader unit Manure Spreader M



SW 1.30 m



SX 1.40 m



SZ 1.40 m



SY 1.70 m

Spreader units, Universal Spreader TSW



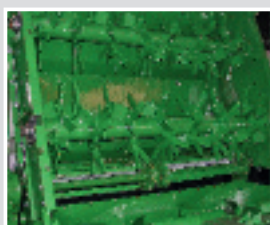
SM 1.35 m - LU I



SM 1.35 m



SH 1.40 m - LU I



SL 1.50 m - LU I



ST 1.80 m

► Milling unit drive with 2 heavy duty 1 1/4" roller chains. The sprung tensioning station guarantees optimal chain tension and with that high performance of the milling beaters. The scraper floor is driven by 2 (left and right mounted) special oil bath spur gearboxes (TSW 5210 S and up). With 4 high-strength round steel chains (14 x 50 mm), total tensile strength 100 t, on which robust and closed scraper bars are bolted into the grit, the material is reliably moved to the milling drum.



DLG tested and recognized. In keeping with their high level of quality BERGMANN spreaders received the highest recognition for quality and functionality with outstanding spreading precision from the German Agricultural Society DLG.



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Manure Spreader M

Technical Data		M 1080 SW	M 2120 E	M 2120 T	M 3140 E	M 3140 T	M 4190 SZ	M 5210 SY	M 6240 SY	M A 16	M A 19	M A 19	M A 21
		Single axle	Single axle	Tandem	Single axle	Tandem	Tandem	Tandem	Tandem	Body	Body	Body	Body
Max. gross weight	kg	8,000	8,000 – 12,000	8,000 – 12,000	12,000	14,000	16,000 – 19,000	16,000 – 22,000	24,000	Vario 400	Vario 440	Vario 660	Variosix
Net weight	kg	2,235	3,640	4,360	4,300	4,850	5,820	6,810	8,440	4,260	4,860	4,860	5,360
Load		5,765	4,360 – 8,360	3,640 – 7,640	7,700	9,150	10,180 – 13,180	9,190 – 15,190	15,560				

Frame dimension

Length	m	4.20	4.70	4.70	4.90	4.90	5.40	5.90	6.90	5.90	6.90	6.90	7.90
Width	m	1.80	1.80	1.80	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05
Height	m	0.57	1.07	1.07	1.07	1.07	1.07	1.32	1.32	1.32	1.32	1.32	1.32

Vehicle dimensions

Length	m	6.30	7.12	7.12	7.47	7.47	8.00	8.45	9.40				
Width	m	2.07	2.15	2.15	2.50	2.50	2.55	2.55	2.55				
Height	m	2.67	3.26	3.31	3.20	3.30	3.25	3.25	3.30				
Loading height/series	m	1.72	2.33	2.38	2.45	2.45	2.58	2.68	2.75				
Loading volume*	m ³	6.80	9.10	9.10	14.10	14.10	15.75	20.60	24.00	20.60	24.00	24.00	27.50
Scraper floor drive		hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.

Universal Spreader TSW

Technical Data		TSW 2120 E	TSW 2120 T	TSW 3140 E	TSW 3140 T	TSW 4190 S	TSW 5210 S	TSW 6240 S	TSW 7340 S	TSW A 16	TSW A 19	TSW A 19	TSW A 21
		Single axle	Tandem	Single axle	Tandem	Tandem	Tandem	Tandem	Tridem	Body	Body	Body	Body
Max. gross weight	kg	8,000 – 12,000	8,000 – 12,000	12,000	14,000	16,000 – 19,000	16,000 – 22,000	24,000	34,000	Vario 400	Vario 440	Vario 660	Variosix
Net weight	kg	4,060	4,780	4,700	5,250	6,320	7,310	8,940	11,160	4,860	5,460	5,460	5,960
Load	kg	3,940 – 7,940	3,220 – 7,220	7,300	8,750	9,680 – 12,680	8,690 – 14,690	15,060	22,840				

Frame dimension

Length	m	4.70	4.70	4.90	4.90	5.60	5.90	6.90	7.90	5.90	6.90	6.90	7.90
Width	m	1.80	1.80	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05
Height	m	1.07	1.07	1.07	1.07	1.07	1.32	1.32	1.32	1.32	1.32	1.32	1.32

Vehicle dimensions

Length	m	7.52	7.52	7.74	7.74	8.20	8.45	9.40	10.40				
Width	m	2.15	2.15	2.50	2.50	2.55	2.55	2.55	2.55				
Height	m	3.26	3.31	3.20	3.30	3.25	3.30	3.30	3.30				
Loading height/series	m	2.33	2.38	2.45	2.45	2.58	2.80	2.80	2.80				
Loading volume*	m ³	8.60	8.60	13.10	13.10	14.00	17.00	19.70	23.00	17.00	19.70	19.70	23.00

The listed net weights can vary according to equipment. *depends on equipment



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Manure Spreaders - Universal Spreaders - Loading and Silage Trailers - Forage Transport Trailers - Grain Transfer Trailers - Vario Systems - Special Vehicles

Ludwig Bergmann GmbH · Maschinenfabrik

Hauptstraße 64-66 · 49424 Goldenstedt/Germany

Tel.: +49 (0) 44 44 - 20 08-0 · Fax: +49 (0) 44 44 - 20 08 88

www.bergmann-goldenstedt.de · info@l-bergmann.de