TEBBE
LOW-LOADER

MS 120, MS 130, MS 140, MS 240
TS 100, TS 120, TS 160, TS 240



SINGLE-AXLE SPREADER MS 120



The MS 120 is equipped with large-volume tires as standard, which means that it is very easy to pull and very gentle to the soil. Through the high-quality and robust wear- and drive parts, the MS 120 is an extreme powerful machine, that is also able to spread very low application rates.



Picture at top: Because of the low construction height you are able to load the MS 120 with small loaders. On the basis of the low height the machine has a low point of gravity, so it is very stable on the soil. The power requirement is very low.



MS 120 / Technical Details

Total weight	14,000 kg
Support load	4,000 kg
Frame of bottom chain	6,200 mm x 1,450 mm
Box dimensions	4,900 mm x 1,450 mm
Height of side walls	1,250 mm
Loading volume approx.	11 cbm
Loading height over side walls	2,400 mm
Axles	10 bolts
Tires	650/65 R 30,5

Chassis
> BPW single-axle aggregate
> Hitch drawbar with spring suspension, swivel ring Ø 50 mm
> 10-t jack stand with 2-step gearbox
> Warning lights for road transport

Brake
> 2-wheel oil-pressure brake or 2-wheel air-pressure brake
> Parking brake

Body
> Welded 3 mm thick steel body
> Height of side walls 1,250 mm
> Rubber sealing on front wall
> Hydraulically-actuated rear hood

Scraper floor
> Two conveyors with four round steel chains 14 x 50 mm (breaking load 4 x 24 t)
> Steel bottom
> Gearbox with hydr. motor for forward and reverse motion of scraper floor

Spreading Aggregate
> Two beater rotors with a diameter of 650 mm (opening area vertical 1,500 mm)
> 1 ¼“ roller chain to drive the beater rotors
> Two Ø 1,000 mm discs with four distribution vanes on each
> Disc gearing with shaft Ø 60 mm / overload protection / freewheel drive mechanism, spreading unit protected by 8 mm thick HARDOX wear plates
> WALTERSCHEID PTO PWE 480 with overload protection, freewheel drive mechanism and wide angle joint

Safety Devices
> PTO-shaft with overload clutch for protection of mechanical drive and beater rotors
> Overload clutch for protection of spreading aggregate
> Optional equipment electrical operation:
Automatic stop of bottom chain. Monitoring of rotating beater rotors; the bottom chain is stopped when rotation is < 300 rpm.

Light Installation
> Warning lights for road transport

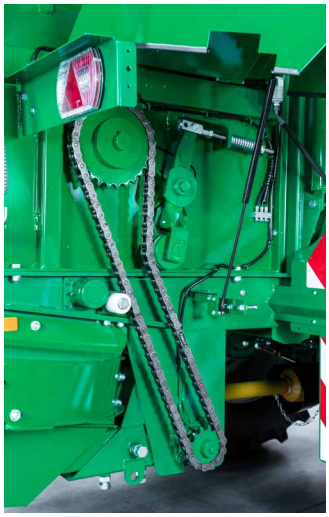
Paintwork
> Green RAL 6029

SINGLE-AXLE SPREADER MS 130



The single-axle spreader MS 130 with a self-supported cargo area has a permissible overall weight of 12,000 kg. As standard, it has a spring-loaded drawbar. It is connected to the traction unit with an upper coupling.





Picture at top: four round steel chain strands 14 x 50 mm (24t break load per chain strand) with stable U-profile elements. All MS and TS models have a funnel-shaped and tapered top. This improves loading and emptying processes.

Picture left: As standard, the beaters of the MS series are driven with a reinforced 1 1/4" chain.
The chain tensioner can be checked and re-tightened even when the safety guard is closed.

MS 130 / Technical Details

Total weight	12,000 kg
Support load	2,000 kg
Frame of bottom chain	6,700 mm x 1,450 mm
Box dimensions	5,400 mm x 1,450 mm
Height of side walls	1,400 mm
Loading volume approx.	14 cbm
Loading height over side walls	2,600 mm
Axles	10 bolts
Tires	650/65 R 38

Chassis
> BPW single-axle-aggregate
> Hitch drawbar with spring suspension, ring Ø 40 mm, high coupling
> 10-t jack stand with 2-step gearbox
> Warning lights for road transport

Brake
> 2-wheel oil-pressure brake or 2-wheel air-pressure brake
> Parking brake

Body
> Welded 3 mm thick steel body
> Height of side walls 1,400 mm
> Rubber sealing on front wall
> Hydraulically-actuated rear hood

Scraper Floor
> Two conveyors with four round steel chains 14 x 50 mm (breaking load 4 x 24 t)
> Steel bottom
> Gearbox with hydr. motor for forward and reverse motion of scraper floor

Spreading Aggregate
> Two beater rotors with a diameter of 650 mm (opening area vertical 1,500 mm)
> 1 ¼ " roller chain to drive the beater rotors
> Two Ø 1,000 mm discs with four distribution vanes on each
> Disc gearing with shaft Ø 60 mm/overload protection/freewheel drive mechanism, spreading unit protected by 8 mm thick HARDOX wear plates
> WALTERSCHEID PTO PWE 480 with overload protection, freewheel drive mechanism and wide angle joint

Safety Devices
> PTO-shaft with overload clutch for protection of mechanical drive and beater rotors
> Overload clutch for protection of spreading aggregate
> Optional equipment electrical operation:
Automatic stop of bottom chain. Monitoring of rotating beater rotors; the bottom chain is stopped when rotation is < 300 rpm.

Light Installation
> Warning lights for road transport

Paintwork
> Green RAL 6029

SINGLE-AXLE SPREADER MS 140



With a permissible overall weight of 14,000 kg, the single-axle spreader MS 140 is an ideal unit for processing large areas. As standard, it has a spring-loaded drawbar and is connected to the traction unit by means of an upper coupling.



The beaters have screw-on tips that are reinforced with armouring made of very strong steel. Thanks to the special and complex reinforcement, the screw-on tips are always sharp-edged for optimum chopping and reduced fuel consumption.



The spreader plate transmissions have an output shaft diameter of 50 mm and free-running between the transmissions.

MS 140 / Technical Details

Total weight	14,000 kg
Support load	4,000 kg
Frame of bottom chain	6,700 mm x 1,450 mm
Box dimensions	5,400 mm x 1,450 mm
Height of side walls	1,400 mm
Loading volume approx.	14 cbm
Loading height over side walls	2,600 mm
Axles	10 bolts
Tires	650/65 R 38

Chassis
> BPW single-axle aggregate
> Hitch drawbar with spring suspension, swivel ring Ø 50 mm
> 10-t jack stand with 2-step gearbox
> Warning lights for road transport

Brake
> 2-wheel oil-pressure brake or 2-wheel air-pressure brake
> Parking brake

Body
> Welded 3 mm thick steel body
> Height of side walls 1,400 mm
> Rubber sealing on front wall
> Hydraulically-actuated rear hood

Scraper floor
> Two conveyors with four round steel chains 14 x 50 mm (breaking load 4 x 24 t)
> Steel bottom
> Gearbox with hydr. motor for forward and reverse motion of scraper floor

Spreading Aggregate
> Two beater rotors with a diameter of 650 mm (opening area vertical 1,500 mm)
> 1 ¼" roller chain to drive the beater rotors
> Two Ø 1,000 mm discs with four distribution vanes on each
> Disc gearing with shaft Ø 60 mm/overload protection/freewheel drive mechanism, spreading unit protected by 8 mm thick HARDOX wear plates
> WALTERSCHEID PTO PWE 480 with overload protection, freewheel drive mechanism and wide angle joint

Safety Devices
> PTO-shaft with overload clutch for protection of mechanical drive and beater rotors
> Overload clutch for protection of spreading aggregate
> Optional equipment electrical operation:
Automatic stop of bottom chain. Monitoring of rotating beater rotors; the bottom chain is stopped when rotation is < 300 rpm.

Light Installation
> Warning lights for road transport

Paintwork
> Green RAL 6029

TANDEM-AXLE-SPREADER MS 240



The tandem-axle spreader MS 240 is unique on the market. Only the TEBBE MS 240 can be fitted with tyres that have a diameter greater than 1.8 m on both axles. These tyres allow extremely low power consumption whilst at the same time offering maximum soil protection. The low dead weight and low loading height mean that even small tractors can be used.





MS 240 / Technical Details	
Total weight	24,000 kg
Support load	4,000 kg
Frame of bottom chain	8,700 mm x 1,450 mm
Box dimensions	7,400 mm x 1,450 mm
Height of side walls	1,400 mm
Loading volume approx.	20 cbm
Loading height over side walls	2,650 mm
Axles	10 bolts
Tires	1. axle 650/65 R 38
	2. axle 580/70 R 38

Chassis
> Hydraulic suspension, with levelling valve
> BPW axles, second axle as trailing axle, first axle as a lift axle
> Hitch drawbar with spring suspension, swivel ring Ø 50 mm
> 10-t jack stand with 2-step gearbox
> Warning lights for road transport

Brake
> 4-wheel oil-pressure brake or 4-wheel air-pressure brake
> Parking brake

Body
> Welded 3 mm thick steel body
> Height of side walls 1,400 mm
> Rubber sealing on front wall
> Hydraulically-actuated rear hood

Scraper Floor
> Two conveyors with four round steel chains 14 x 50 mm (breaking load 4 x 24 t)
> Steel bottom
> Gearbox with hydr. motor for forward and reverse motion of scraper floor

Spreading Aggregate
> Two beater rotors with a diameter of 650 mm (opening area vertical 1,700 mm)
> 1 ¼" roller chain to drive the beater
> Two Ø 1,000 mm discs with four distribution vanes on each
> Disc gearing with shaft Ø 60 mm/overload protection/freewheel drive mechanism, spreading unit protected by 8 mm thick HARDOX wear plates
> WALTERSCHEID PTO PWE 580 with overload protection, freewheel drive mechanism and wide angle joint

Safety Devices
> PTO-shaft with overload clutch for protection of mechanical drive and beater rotors
> Overload clutch for protection of spreading aggregate
> Optional equipment electrical operation
Automatic stop of bottom chain. Monitoring of rotating beater rotors; the bottom chain is stopped when rotation is < 300 rpm.

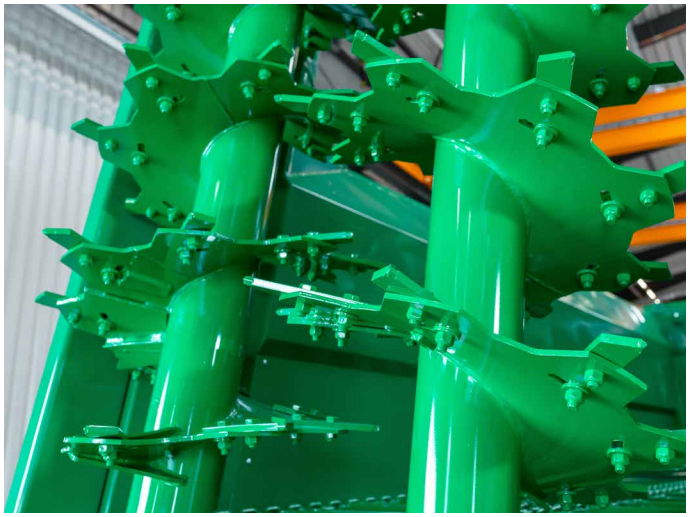
Light Installation
> Warning lights for road transport

Paintwork
> Green RAL 6029

SINGLE-AXLE-SPREADER TS 100



The TS 100 impresses with its maneuverability and low center of gravity. This is particularly advantageous in smaller structured regions. Thanks to its low power requirement, the TS 100 is also suitable for small tractors.





TS 100 / Technical Details	
Total weight	14,000 kg
Support load	4,000 kg
Frame of bottom chain	5,000 mm x 1,450 mm
Box dimensions	5,400 mm x 1,450 mm
Hight of side walls	900 mm
Loading volume approx.	7 cbm
Loading hight over side walls	2,300 mm
Axles	10 bolts
Tires	620/75 R 26

Chassis
> BPW single-axle aggregate
> Hitch drawbar with spring suspension, swivel ring Ø 50 mm
> 10-t jack stand with 2-step gearbox
> Warning lights for road transport

Brake
> 2-wheel oil-pressure brake or 2-wheel air-pressure brake
> Parking brake

Body
> Welded 3 mm thick steel body
> Height of side walls 900 mm
> Rubber sealing on front wall
> Hydraulically actuated rear hood

Scraper Floor
> Two conveyors with four round steel chains 14 x 50 mm (breaking load 4 x 24 t)
> Steel bottom
> Gearbox with hydr. motor for forward and reverse motion of scraper floor

Spreading Aggregate
> Two beater rotors with a diameter of 820 mm (opening area vertical 1,400 mm)

Safety Devices
> WALTERSCHEID PTO PWE 480 with overload protection, freewheel drive mechanism and wide angle joint
> Overload clutch for protection of spreading aggregate
> Optional equipment electrical operation
Automatic stop of bottom chain. Monitoring of rotating beater rotors, when rotation is < 300 rpm the bottom chain is stopped

Light Installation
> Warning lights for road transport

Paintwork
> Green RAL 6029

SINGLE-AXLE-SPREADER TS 120



The single-axle spreader TS 120 has a permissible overall weight of 14,000 kg. Its powerful spreader aggregate with two vertically arranged spreader beaters makes it ideal for spreading manure and other materials with a high percentage of straw.





The spreader unit, which was developed by TEBBE, ensures excellent chopping of the spreading material. Depending on the material, a spreader width of 8 to 15 m is reached.

TS 120 / Technical Details

Total weight	14,000 kg
Support load	4,000 kg
Frame of bottom chain	6,000 mm x 1,450 mm
Box dimensions	5,400 mm x 1,450 mm
Hight of side walls	1,400 mm
Loading volume approx.	12 cbm
Loading hight over side walls	2,600 mm
Axles	10 bolts
Tires	650/65 R 38

Chassis
> BPW single-axle aggregate
> Hitch drawbar with spring suspension, swivel ring Ø 50 mm
> 10-t jack stand with 2-step gearbox
> Warning lights for road transport

Brake
> 2-wheel oil-pressure brake or 2-wheel air-pressure brake
> Parking brake

Body
> Welded 3 mm thick steel body
> Height of side walls 1,400 mm
> Rubber sealing on front wall
> Hydraulically-actuated rear hood

Scraper Floor
> Two conveyors with four round steel chains 14 x 50 mm (breaking load 4 x 24 t)
> Steel bottom
> Gearbox with hydr. motor for forward and reverse motion of scraper floor

Spreading Aggregate
> Two beater rotors with a diameter of 820 mm (opening area vertical 1,800 mm)

Safety Devices
> WALTERSCHEID PTO PWE 480 with overload protection, freewheel drive mechanism and wide angle joint
> Overload clutch for protection of spreading aggregate
> Optional equipment electrical operation
Automatic stop of bottom chain. Monitoring of rotating beater rotors; the bottom chain is stopped when rotation is < 300 rpm.

Light Installation
> Warning lights for road transport

Paintwork
> Green RAL 6029

SINGLE-AXLE-SPREADER TS 160



With a useful loading volume of around 16 m³, the single-axle spreader TS 160 is ideal for spreading larger quantities. Like the TS 160, its even spreading capacity ensures very homogeneous harvests.





Picture left: The series standard lower coupling with 50 mm ring hitch. The vehicle components are protected by a cover from external influences.

TS 160 / Technical Details

Total weight	14,000 kg
Support load	4,000 kg
Frame of bottom chain	7,500 mm x 1,450 mm
Box dimensions	7,000 mm x 1,450 mm
Hight of side walls	1,400 mm
Loading volume approx.	16 cbm
Loading hight over side walls	2,600 mm
Axles	10 bolts
Tires	650/65 R 38

Chassis
> BPW single-axle aggregate
> Hitch drawbar with spring suspension, swivel ring Ø 50 mm
> 10-t jack stand with 2-step gearbox
> Warning lights for road transport

Brake
> 2-wheel oil-pressure brake or 2-wheel air-pressure brake
> Parking brake

Body
> Welded 3 mm thick steel body
> Height of side walls 1,400 mm
> Rubber sealing on front wall
> Hydraulically-actuated rear hood

Scraper Floor
> Two conveyors with four round steel chains 14 x 50 mm (breaking load 4 x 24 t)
> Steel bottom
> Gearbox with hydr. motor for forward and reverse motion of scraper floor

Spreading Aggregate
> Two beater rotors with a diameter of 820 mm (opening area vertical 1,800 mm)

Safety Devices
> WALTERSCHEID PTO PWE 480 with overload protection, freewheel drive mechanism and wide angle joint
> Overload clutch for protection of spreading aggregate
> Optional equipment electrical operation
Automatic stop of bottom chain. Monitoring of rotating beater rotors; the bottom chain is stopped when rotation is < 300 rpm.

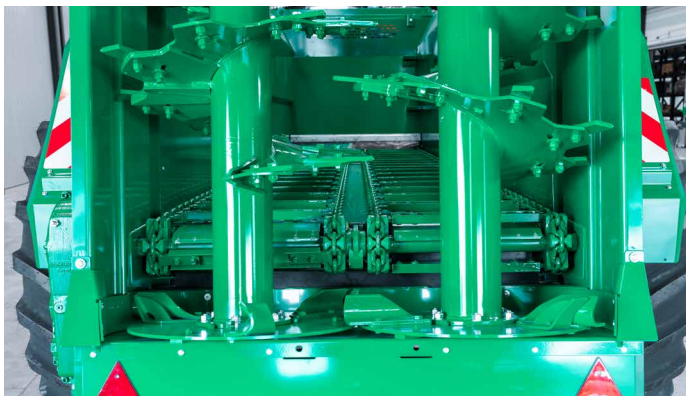
Light Installation
> Warning lights for road transport

Paintwork
> Green RAL 6029

TANDEM-AXLE-SPREADER TS 240



The tandem-axle spreader TS 240 is predestined for spreading higher quantities of material thanks to its permissible overall weight of 24,000 kg and a useful loading volume of 22 m³. Despite its enormous size, it is just as precise and easy to handle as the smaller series.





Picture top: Aggressive tearing beaters with screwed-on, alloyed and hardened wear tips guarantee optimum chopping at higher throughput rates.

Picture left: The standard cover on the beaters can be operated hydraulically. It serves as protection for driving on roads.

TS 240 / Technical Details

Total weight	24,000 kg
Support load	4,000 kg
Box dimensions	8,300 mm x 1,450 mm
Hight of side walls	1,400 mm
Loading volume approx.	22 cbm
Loading hight over side walls	2,600 mm
Axles	10 bolts
Tires	1. axle 650/65 R 38
	2. axle 580/70 R 38

Chassis
> Hydraulic suspension with levelling valve
> BPW axles, second axle as trailing axle, first axle as a lift axle
> Hitch drawbar with spring suspension, swivel ring Ø 50 mm
> 10-t jack stand with 2-step gearbox
> Warning lights for road transport

Brake
> 4-wheel oil-pressure brake or 4-wheel air-pressure brake
> Parking brake

Body
> Welded 3 mm thick steel body
> Height of side walls 1,400 mm
> Rubber sealing on front wall
> Hydraulically-actuated rear hood

Scraper Floor
> Two conveyors with four round steel chains 14 x 50 mm (breaking load 4 x 24 t)
> Steel bottom
> Gearbox with hydr. motor for forward and reverse motion of scraper floor

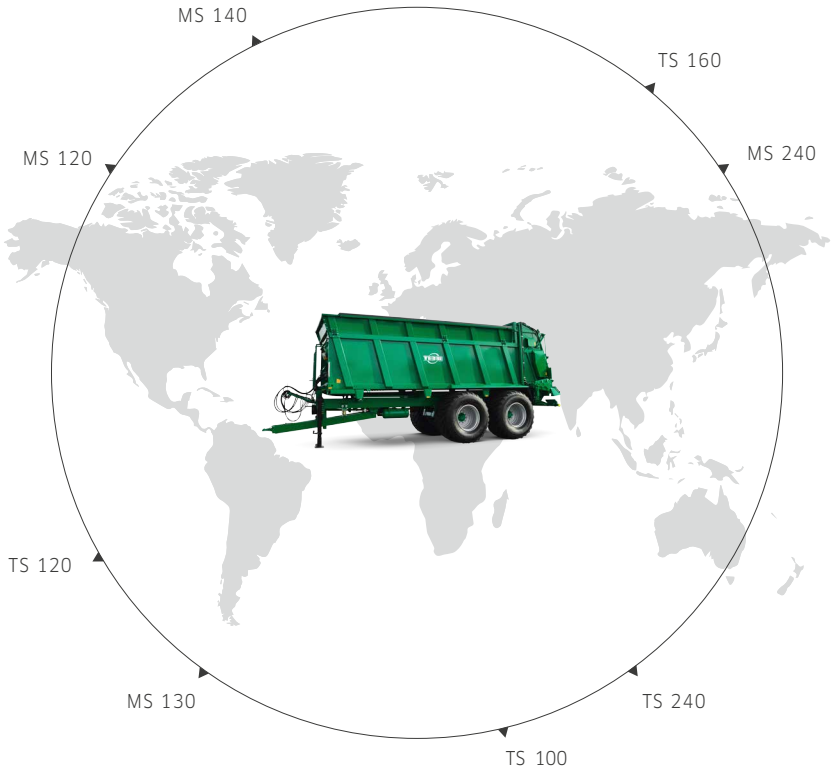
Spreading Aggregate
> Two beater rotors with a diameter of 820 mm (opening area vertical 1,800 mm)

Safety Devices
> WALTERSCHEID PTO PWE 480 with overload protection, freewheel drive mechanism and wide angle joint
> Overload clutch for protection of spreading aggregate
> Optional equipment electrical operation
Automatic stop of bottom chain. Monitoring of rotating beater rotors; the bottom chain is stopped when rotation is < 300 rpm.

Light Installation
> Warning lights for road transport

Paintwork
> Green RAL 6029

SPREADERS BY TEBBE – UNTIRING ON THE FIELDS OF THIS WORLD



Efficiency, speed and flexibility are key factors for modern agricultural operations, which is why the industry has a need for powerful spreaders that can deliver annual outputs of 5,000 m^3 to 500,000 m^3 without a hitch. Machines whose superior construction can cope easily with even the toughest of conditions. Low-loader spreaders by TEBBE meet all these requirements.

Throughout Europe, CIS, Africa and North America, spreaders by TEBBE are the preferred choice whatever the climatic conditions or soil situation.

The MS and TS series are low-loader spreaders with a self-supporting cargo area. The differences lie in the spreader unit. Whilst the MS series has plate spreaders, the TS series used a spreader unit with two vertical beaters.

Your fastest hotline to a perfect service

Our spare parts service – so that your machine always runs like on the first day.

The excellent spare part service at TEBBE is a real safety factor for our customers. We keep all 'regular' parts directly on stock for you. These are, of course, original spare parts of components that were used to construct the machine. Replacement of these parts means that your machine is as good as new and up and running again very quickly; the same also applies for machines of older series.

We can also supply all spare parts that do not come from our own production facility, for instance tyres, in a very short time. We only employ experts in our spare parts team who have in-depth know-how about the machines and who are able to localise and identify required parts precisely and accurately – bundled competence and reliability.

The service hotline – for nonstop access to absolute performance.

In the event of a problem, TEBBE will not keep you waiting! We have set up a fault hotline for our customers to provide immediate telephone support – even if you are out on the fields. Our contact partners are experts in the mechanics and electronics of all machines. The majority of the inquiries can be solved on the phone. Also, there is a standby service at the weekends, meaning that we are available to you every day.

Valid from the date of issue until the new issue. As per: November 2023. Subject to misprints, errors and technical changes.



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