

GTW 210 | GTW 300  
Load volume 21 to 30 m<sup>3</sup>

**BERGMANN**

*...the specialists*

# Transfer Trailers GTW

For better performance in the field







*Proven quality:  
"Made in Goldenstedt"*



BERGMANN, a successful, medium-sized, family-owned company in the third generation, has been firmly linked to its business location in Goldenstedt and its people for over 125 years.

Our actions are determined by an awareness of tradition and our innovative strength. Our state-of-the-art machines for spreading and grassland technology, harvesting and transport logistics meet the highest quality standards and are in use worldwide every day.

As a strong and reliable partner in the agricultural sector, we develop and produce practical agricultural technology for our customers at our company's factory in Goldenstedt. Our company philosophy, our ambition and our commitment are:

**Quality "Made in Goldenstedt"**





# Transfer Trailers

## GTW 210 and GTW 300

The transfer trailer is the logical connection for transport between the continually moving combine harvesters and the transport vehicles waiting by the field. It unites the advantages of low ground disturbance, efficient transport in the field and fast road transport. It maximises combine harvester utilization by allowing its uninterrupted operation, thereby paying a valuable contribution to reducing the time needed for harvest.

In addition to grains, the BERGMANN transfer trailers can also be used for any flowable goods – such as corn maize, CCM and rape – as well as seed and fertiliser for filling seeders and fertiliser spreaders. With their low centre of gravity, they offer superior driving comfort on both field and road. Their low dead weight results in a high payload.





# GTW 210

## Features at a glance

Hydraulically foldable overloading auger (ø 400 mm) with a **transfer rate of approx. 400 t/h.**

Optional tarpaulin to **protect the load material** from the weather.

Increased range of applications through the split cargo space system **TwinBunker** for simultaneous transport of two different goods, such as seed and fertiliser.

Optional unloading tube extension to further increase **transfer precision**. For precise **filling of seeders**, a drill transfer element or a seed auger are optionally available.

**Operation** of the hydraulic functions from the tractor's control units.

**High drawbar** (standard) or **low drawbar** (optional) for even higher driving comfort.

**Fully welded body** for complete tightness. The special construction ensures complete emptying of the cargo space.

Dosing unit hydraulically adjustable from the driver's seat for **perfect adaptation to the load** and for **sealing the feed auger** even when the vehicle is fully loaded.

**Unique design of feed auger** (ø 350 mm) with various pitches for even emptying along the entire length of the cargo space.

Sturdy frame design and **body with low centre of gravity** for top stability even on inclines.

Robust single-axle chassis for difficult operating conditions and large, wide tyres for **easy towing**.

VIDEO







## BERGMANN Transfer Trailer GTW 210

Single axle | 21 m<sup>3</sup> load volume



### Easy coupling

The GTW 210 features a high drawbar as standard. For even higher driving comfort, a low drawbar is optionally available. The low hitching point makes starting off at high loads easier. The drawbar's slim design also provides for a high manoeuvrability.



Various drawbar eyes are available for coupling. The optional ball coupling offers superior driving comfort at low wear. The hydraulic hoses are stored neatly in the hose cabinet, where they are protected from soiling.



### Convenient parking

The Jost jack stand with a tongue load of 10 t and 2-speed gearbox ensures easy coupling and uncoupling of the vehicle with low effort. A hydraulic jack stand is optionally available, with which the drawbar eye can be conveniently set to the coupling height of the drawbar.



### Robust chassis

The stable single-axle chassis with an axle cross-section of 150 x 150 mm and air brake ensures comfortable, even driving on both field and road. The GTW 210 is fully EU type approved as standard. The CoC (Certificate of Conformity) papers are also supplied.



### Larger ground contact surface

The high-volume 800/65 R32 tyres with their large ground contact surface minimise ground compaction in the field. The wide, large-diameter tyres ensure optimum rolling and rollover characteristics even under difficult operating conditions. The round plastic mudguards are optional.



### High loads and stability

The stable frame construction with the fully welded 21 m<sup>3</sup> cargo space allows a high load of up to 16 t on the field. The transfer trailer's low centre of gravity ensures a high stability even on inclines. The special design of the cargo space allows complete emptying without residues.



### Wider range of applications

The cargo space features a dosing unit as standard. For transferring two different load materials, such as fertiliser and seed, the split cargo space system TwinBunker is optionally available. It is split 50:50 into two chambers perpendicular to the direction of travel. Each chamber has its own separate dosing unit. This allows the transfer trailer to be used outside the harvest season, increasing its utilisation.



### Twin Bunker



### Perfect visibility

Two large viewing windows are integrated into the front wall, giving the driver an excellent view into the cargo space. The driver can see the filling level at any time to ensure optimum filling and can align the transfer trailer with the combine harvester's spout. This allows full utilisation of the load volume.



### Easy access

An access ladder is fitted at the rear to allow checking of the cargo space or load from above. The non-slip rungs ensure safe access. To maximise ground clearance, the access ladder can be simply folded up for driving on roads or in the field.



### Easy setting

As standard, the dosing unit can be infinitely adjusted hydraulically to obtain the perfect setting for the load. The transfer rate is also adjustable. The opening width of the dosing unit is indicated on a large scale on the front wall that can be clearly seen from the driver's seat. If the GTW is not fully emptied after the transfer and the user wants to retract the overload auger for further filling or transfer to another field, the feed auger with the dosing unit can be fully closed off. This allows complete emptying of the feed and overload auger.



### Residual emptying

For residual emptying, e.g. for a load type change, two cleaning and inspection flaps can be opened. One of these flaps is integrated in the feed auger trough at the front, the other is located easily accessible at the lower end of the overload auger. This provides access to the transfer point between feed auger and overload auger. These flaps are also used for a visual inspection for foreign objects in the cargo space.



### Reliable, effective operation

The feed auger and the overload auger are powered by the tractor's PTO shaft. The PTO shaft drives a T-gearbox that powers both the overload auger and the feed auger. The chain drive for the feed auger is located at the rear. The speed is perfectly matched to the overload auger and provides an ideal load flow without crushing and avoids grain breakage. This ensures a constant high quality of the transferred load.

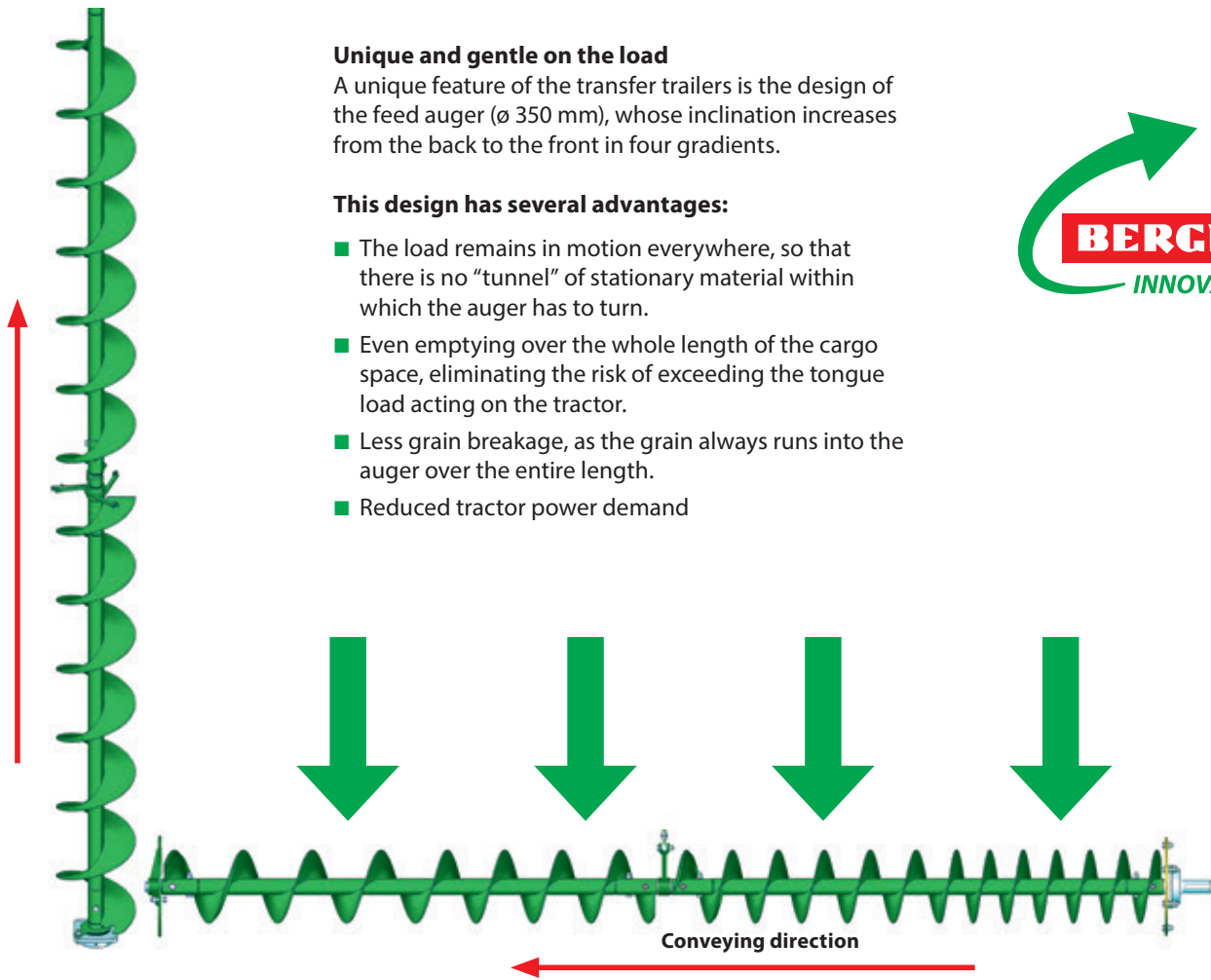


### Unique and gentle on the load

A unique feature of the transfer trailers is the design of the feed auger ( $\varnothing$  350 mm), whose inclination increases from the back to the front in four gradients.

### This design has several advantages:

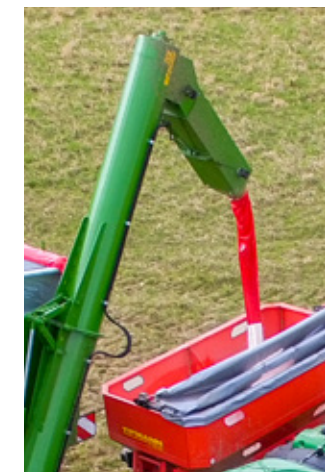
- The load remains in motion everywhere, so that there is no "tunnel" of stationary material within which the auger has to turn.
- Even emptying over the whole length of the cargo space, eliminating the risk of exceeding the tongue load acting on the tractor.
- Less grain breakage, as the grain always runs into the auger over the entire length.
- Reduced tractor power demand



### Precise, loss-free transfer

The optional, swivelling unloading tube extension directs the flow of the load directly at the target area in the transport vehicle for loss-free transfer.

With a length of 1.2 m, the transfer height is reduced to between 4.01 and 4.1 m, depending on the swivel position. The transfer width is significantly increased and can be set between 0.92 and 1.59 m.



### Precision filling of seeders and fertiliser spreaders

For precise and loss-free filling of seeders and fertiliser spreaders, the unloading tube extension can additionally be fitted with a drill transfer element.

### Powerful and easy to maintain

The overload auger with its diameter of 400 mm achieves a transfer rate of approx. 400 t/h or 21 m<sup>3</sup> in approx. 2.5 minutes. As standard, the transfer height is at 4.80 m and the transfer width 0.85 m. The robust folding mechanism of the overload auger ensures safe and reliable operation even when driving with the auger extended.

With its dynamically balanced auger halves and stable cast plummer blocks the overload auger is quiet running. The bearings can be conveniently lubricated from ground. For parking outdoors, water-drainage covers are fitted at the ends of both halves of the overload auger.



### Filling of large seeders

For filling seeders with large working widths, a 5 m long hydraulically driven seed auger with a diameter of 250 mm is optionally available. Fitted to the lower half of the overload auger, it can be hydraulically moved from side to side and is height-adjustable. Especially in combination with the TwinBunker, it can significantly boost the transfer trailer's utilization, allowing its use for the delivery for filling seeders and fertiliser spreaders in spring and autumn. The seed auger can be installed and removed quickly within about one hour.





### Weather protection

A manual tarpaulin operated with a hand crank is optionally available. When rolled up, it is stored at the upper edge of the body, in driving direction left. Unrolled, it is secured with two straps on the right side of the vehicle. To protect the tarpaulin from wear, the body's edges are fitted with small protective metal covers. The hand crank is equipped with a hook for pulling the straps down after unrolling.



### Exact documentation

The highly accurate optional weighing system, consisting of load cells between axle and cargo space, and the K80 measuring drawbar eye allow exact control of the harvest quantities and loaded mass. The transport vehicles can thus be loaded up to their maximum permissible payload. The weighing data are indicated on the CCI 50 ISOBUS terminal.



### Good visibility

In addition to the required lighting, further lighting options, such as LED working lights at the rear of the vehicle and on the overload



auger are available for increased safety and convenience.



# GTW 300

## Features at a glance

**Fully welded body** for complete tightness. The special construction ensures complete emptying of the cargo space.

Optional tarpaulin to **protect the load material** from the weather.

Hydraulically foldable overloading auger (ø 400 mm) with a **transfer rate of approx. 400 t/h**.

Optional unloading tube extension to further increase **transfer precision**. For precise **filling of seeders**, a drill transfer element or a seed auger are optionally available.

Increased range of applications through the split cargo space system **TwinBunker** for simultaneous transport of two different goods, such as seed and fertiliser.

**Unique design of feed auger** (ø 350 mm) with various pitches for even emptying along the entire length of the cargo space.

Robust 4-spring-tandem chassis for difficult operating conditions, and large selection of tyres for **easy towing**.

VIDEO



Sturdy frame design and **body with low centre of gravity** for top stability even on inclines.

Dosing unit hydraulically adjustable from the driver's seat for **perfect adaptation to the load** and for **sealing the feed auger** even when the vehicle is fully loaded.

**Low drawbar** for superior driving comfort

**Operation** of the hydraulic functions from the tractor's control units.





## BERGMANN Transfer Trailer GTW 300

### Tandem axle | 25 / 30 m<sup>3</sup> load volume



#### Easy coupling

The GTW 300 features a low drawbar as standard. The low hitching point makes starting off at high loads easier. The drawbar's slim design also provides for a high manoeuvrability.



Various drawbar eyes are available for coupling. The standard ball coupling offers superior driving comfort at low wear. The hydraulic hoses are stored neatly in the hose cabinet, where they are protected from soiling.



#### Convenient parking

The Jost jack stand with a tongue load of 10 t and 2-speed gearbox ensures easy coupling and uncoupling of the vehicle with low effort. A hydraulic jack stand is optionally available, with which the drawbar eye can be conveniently set to the coupling height of the drawbar.



#### Robust chassis

The stable 4-spring-tandem chassis with an axle cross-section of 130 x 130 mm and air brake ensures comfortable, even driving on both field and road. To further increase driving comfort and to reduce tyre wear and ground disturbance, a follow-up steering axle is optionally available. The GTW 300 is fully EU type approved as standard. The CoC (Certificate of Conformity) papers are also supplied.



#### Large selection

A range of 22.5 and 26.5" tyres of various makes with different profiles are available, allowing the right tyre for each situation to be chosen. Any material that misses the cargo space during loading slides off the mudguard and onto the field, keeping the roads clean after use.



#### High loads and stability

The stable frame construction with the fully welded 25 m<sup>3</sup> cargo space allows a high load of up to 24 t on the field. The optional extensions increase the load volume to 30 m<sup>3</sup>. The transfer trailer's low centre of gravity ensures a high stability even on inclines. The special design of the cargo space allows complete emptying without residues.



### Wider range of applications

The cargo space features a dosing unit as standard. For transferring two different load materials, such as fertiliser and seed, the split cargo space system TwinBunker is optionally available. It is split 40:60 into two chambers perpendicular to the direction of travel. Each chamber has its own separate dosing unit. This allows the transfer trailer to be used outside the harvest season, increasing its utilisation.



### Twin Bunker



### Easy setting

As standard, the dosing unit can be infinitely adjusted hydraulically to obtain the perfect setting for the load. The transfer rate is also adjustable. The opening width of the dosing unit is indicated on a large scale on the front wall that can be clearly seen from the driver's seat. If the GTW is not fully emptied after the transfer and the user wants to retract the overload auger for further filling or transfer to another field, the feed auger with the dosing unit can be fully closed off. This allows complete emptying of the feed and overload auger.

### Perfect visibility

Two large viewing windows are integrated into the front wall, giving the driver an excellent view into the cargo space. The driver can see the filling level at any time to ensure optimum filling and can align the transfer trailer with the combine harvester's spout. This allows full utilisation of the load volume.



### Residual emptying

For residual emptying, e.g. for a load type change, two cleaning and inspection flaps can be opened. One of these flaps is integrated in the feed auger trough at the front, the other is located easily accessible at the lower end of the overload auger. This provides access to the transfer point between feed auger and overload auger. These flaps are also used for a visual inspection for foreign objects in the cargo space.

### Easy access

An access ladder is fitted at the rear to allow checking of the cargo space or load from above. The non-slip rungs ensure safe access. To maximise ground clearance, the access ladder can be simply folded up for driving on roads or in the field.



### Reliable, effective operation

The feed auger and the overload auger are powered by the tractor's PTO shaft. The PTO shaft drives a T-gearbox that powers both the overload auger and the feed auger. The chain drive for the feed auger is located at the rear. The speed is perfectly matched to the overload auger and provides an ideal load flow without crushing and avoids grain breakage. This ensures a constant high quality of the transferred load.

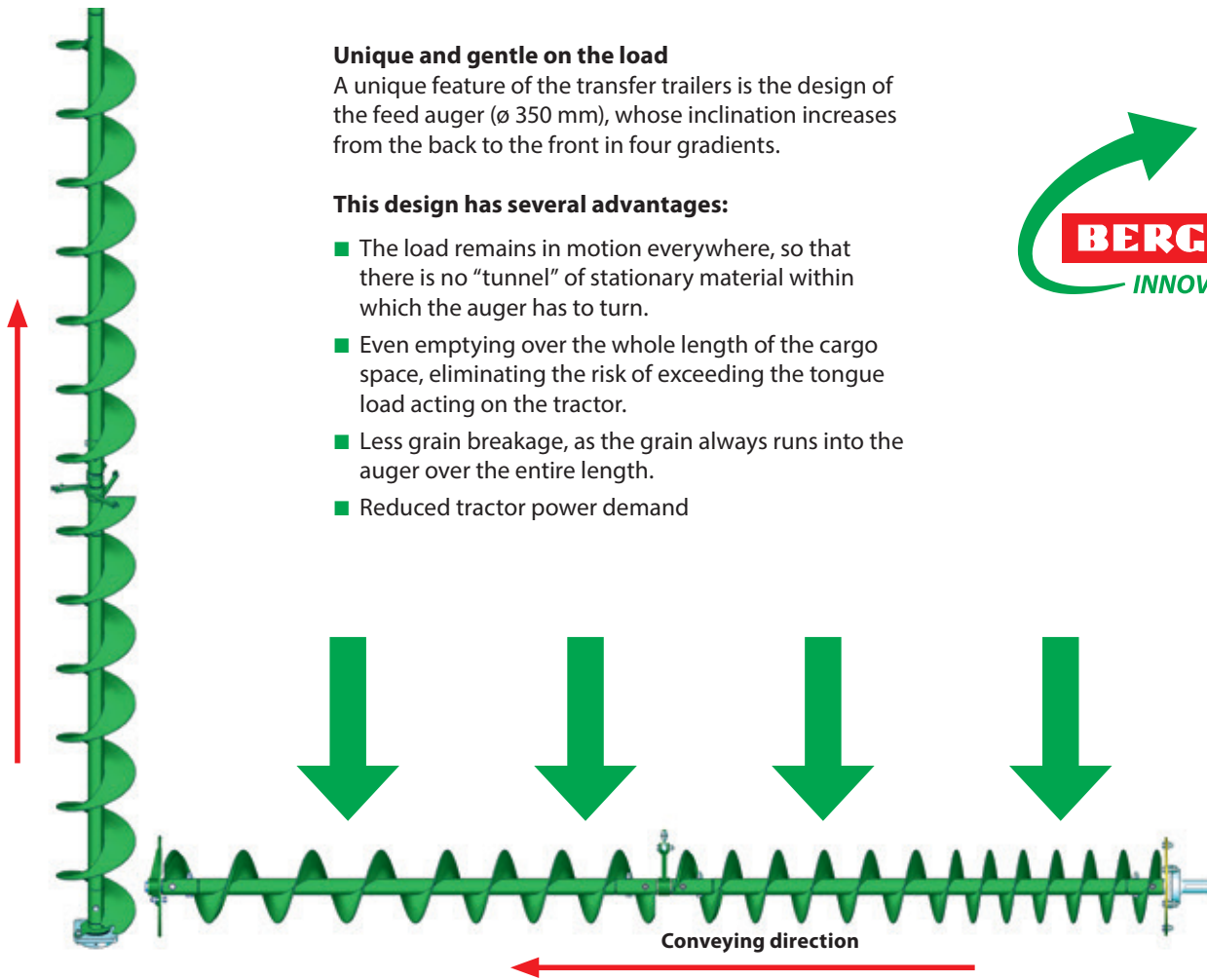


### Unique and gentle on the load

A unique feature of the transfer trailers is the design of the feed auger ( $\varnothing$  350 mm), whose inclination increases from the back to the front in four gradients.

### This design has several advantages:

- The load remains in motion everywhere, so that there is no "tunnel" of stationary material within which the auger has to turn.
- Even emptying over the whole length of the cargo space, eliminating the risk of exceeding the tongue load acting on the tractor.
- Less grain breakage, as the grain always runs into the auger over the entire length.
- Reduced tractor power demand



### Precise, loss-free transfer

The optional, swivelling unloading tube extension directs the flow of the load directly at the target area in the transport vehicle for loss-free transfer.

With a length of 1.2 m, the transfer height is reduced to between 4.01 and 4.1 m, depending on the swivel position. The transfer width is significantly increased and can be set between 0.92 and 1.59 m.



### Precision filling of seeders and fertiliser spreaders

For precise, loss-free filling of seeders and fertiliser spreaders, the unloading tube extension can additionally be fitted with a drill transfer element.



### Powerful and easy to maintain

The overload auger with its diameter of 400 mm achieves a transfer rate of approx. 400 t/h or 30 m<sup>3</sup> in approx. 3.5 minutes. As standard, the transfer height is at 5 m and the transfer width 0.90 m. The robust folding mechanism of the overload auger ensures safe and reliable operation even when driving with the auger extended.

With its dynamically balanced auger halves and stable cast plummer blocks the overload auger is quiet running. The bearings can be conveniently lubricated from ground. For parking outdoors, water-drainage covers are fitted at the ends of both halves of the overload auger.



### Filling of large seeders

For filling seeders with large working widths, a 5 m long hydraulically driven seed auger with a diameter of 250 mm is optionally available. Fitted to the lower half of the overload auger, it can be hydraulically moved from side to side and is height-adjustable. Especially in combination with the TwinBunker, it can significantly boost the transfer trailer's utilization, allowing its use for the delivery for filling seeders and fertiliser spreaders in spring and autumn. The seed auger can be installed and removed quickly within about one hour.







**Weather protection**

A manual tarpaulin operated with a hand crank is optionally available.

When rolled up, it is stored at the upper edge of the body, in driving direction left. Unrolled, it is secured with two straps on the right side of the vehicle. To protect the tarpaulin from wear, the body's edges are fitted with small protective metal covers. The hand crank is equipped with a hook for pulling the straps down after unrolling.



**Exact documentation**

The highly accurate optional weighing system, consisting of load cells between axle and cargo space, and the K80 measuring drawbar eye allow exact control of the harvest quantities and loaded mass. The transport vehicles can thus be loaded up to their maximum permissible payload. The weighing data are indicated on the CCI 50 ISOBUS terminal.



**Good visibility**

In addition to the required lighting, further lighting options, such as LED working lights at the rear of the vehicle and on the overload

auger are available for increased safety and convenience.



# The further product range of BERGMANN Transfer Trailers



**GTW 330**  
With a load volume of 33 m<sup>3</sup>, the GTW 330 belongs to the top range of BERGMANN Transfer Trailers. The transfer rate is about 1,100 t/h.



**GTW 430**  
With a load volume of 43 m<sup>3</sup>, the GTW 430 is the flagship of the BERGMANN Transfer Trailers. The transfer rate is about 1,100 t/h.

## Technical data

Dimensions and weights		GTW 210	GTW 300
Length	mm	7.600	8.560
Width	mm	2.550 – 3.000	2.550 – 3.000
Height	mm	3.620	3.740
Body length	mm	5.000	5.980
Body width	mm	2.490	2.490
Gross vehicle weight (road)	kg	12.000-13.000	22.000
Gross vehicle weight (field)	kg	21.000	30.000
Net weight with basic equipment	kg	4.920	5.920
Load volume	m <sup>3</sup>	21	25/30
Load height at side	mm	3.200	3.320
Diameter of feed auger	mm	350	350
Diameter of overload auger	mm	400	400
Transfer rate	t/h	400	400
Transfer height	mm	4.800	4.920
Power demand	kW/PS	88 -184 / 120 -250	96 -206 / 130 -280

### Optional:

- Low drawbar (GTW 210)
- Hydraulic jack stand
- Follow-up steering (GTW 300)
- Body extension (GTW 300)
- Tarpaulin
- Unloading tube extension
- Drill transfer element
- Seed auger
- Weighing system
- TwinBunker
- Various lighting possibilities
- Various tyre options, etc.

We reserve the right to make changes to dimensions, weights and technical data. Dimensions and weights do not necessarily correspond to series versions and are not binding. Illustrations may contain additional equipment.



## Our product range contains the right vehicle for every operation and every application.

- ▶ Manure spreaders
- ▶ Universal spreaders
- ▶ Loader wagons
- ▶ Forage transport trailers
- ▶ Body swap systems
- ▶ Transfer trailers
- ▶ Beet transfer trailers
- ▶ Bodies for self-propelled systems

**BERGMANN**

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