

▶ Trailers from 5 t to 21 t

# Construction trailers and tippers

Flatbed trailers and wheels-in trailers /  
Three-way tippers



**HUMBAUR**  
HEAVY DUTY



10000 series

[humbaур.com](http://humbaур.com)



# Follow **Humbaur!**

Because a HUMBAUR TRAILER **can stand a lot.**

**Anders Christensen, construction worker**

## ▶ 30 years of experience

For more than three decades, we have been among the leading manufacturers of passenger vehicle trailers. Over 750,000 trailers have left our premises since the establishment of our company. We now manufacture approximately 50,000 units per year. You will be able to discover this abundance of experience in each of our trailers.

## ▶ High quality

Robust and long lasting – These are the qualities a trailer needs to have. We achieve this goal by using excellent components and first-class manufacturing processes. We inspect each trailer in detail before delivering it.

## ▶ Multiple transport solutions

Our products cover a particularly wide range of applications. Are you looking for a trailer for private or business use? Then you will find a suitable model for a wide range of applications with us. Choose between a permissible gross weight of 750 kg to 50 t.



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### ▶ Large choice of accessories

Do you have a lot of individual requirements for your trailer? With our many suitable accessories, each customer can extend our comprehensive range of serial accessories to suit his needs.

### ▶ Enthusiastic customer service

Your nearby specialist dealer can provide you with trailers up to 3.5 t. Owners of trailers with a gross weight of over 5 t can also make use of our direct service. Whether you need a spare part or have questions about applications – we and your local dealer are there to assist you.

### ▶ High-quality components

Quality is in the detail, which is why Humbauro only makes use of high-quality vehicle components made by well-known manufacturers. We are continuously exchanging experiences with our suppliers. This allows us constantly to optimise products.

### ▶ Made in Germany

Whether you decide on one of our 420 series models or commission a special model customised to your individual requirements:

We develop and manufacture all our trailers in accordance with the latest state of technology. You will receive top-class "Quality made in Germany".





Tandem flatbed and wheels-in trailers for every application

# The 10000 series



## ▶ Tandem Flatbed Trailer HS from 5 t

It is lightweight so that it can transport more heavy machinery. We have protected it against corrosion so that it will last for a long time. Your construction machines can drive safely up the sturdy and durable ramps with a particularly flat drive-up angle onto the cargo bed. You can adapt the HS tandem flatbed trailer to different drawbar heights.

FROM PAGE 8



## ▶ Tandem Flatbed Trailer HS from 8.9 t

The big brother of the HS tandem flatbed trailer above 5 t allows for an even higher load capacity. Both trailers offer the same functionality. The standard lashing options integrated in the platform floor guarantee optimal load securing.

FROM PAGE 12



## ▶ Tandem Wheels-In Trailer HBT BE from 10 t

Do you sometimes need a trailer for pallets, then for construction machinery and then for building materials? The HBT BE tandem flatbed trailer provides you with the correct version for all purposes.

With its retracting support legs and the optional stowing drive-up ramps, it supports you in all working and machine transport applications.

FROM PAGE 16





► **Tandem Wheels-In Trailer HBT BS from 10 t**

If you are in rough off-road countryside and you need a construction machine transporter that offers unconventional transport facilities.

You can drive your construction machinery up the folding laterally adjustable ramps onto our tandem flatbed HBT BS trailers.

Its special chassis and floating balancing facility ensures safe loading and driving, even on bad roads.

**FROM PAGE 20**



► **Tandem Wheels-In Trailer HBTZ BS from 13 t**

You will recognise it by its twin tyres: The tandem flatbed trailer HBTZ BS mainly differs from the HBT BS in that it has a higher load capacity. It can be loaded safely and easily in various different situations as a result of its low load height and the standard folding and laterally adjustable ramps.

Choose between a straight and a chamfered cargo bed.

**FROM PAGE 24**



► **Tandem Wheels-In Trailer HBTZ BS from 19 t**

Our HBTZ BS tandem flatbed trailers are designed for an exceptionally long service life as a result of its hot-dip galvanised chassis. Folding support legs provide safety during loading and unloading. Use the many fixtures for lashing your goods and drive with confidence and safety.

Our wide range of accessories enables you to adapt your HBTZ accordingly!

**FROM PAGE 28**



Tandem three-way tipper from 5 t to 19 t

# The 10000 series



## ▶ Tandem Three-Way Tipper HTK from 5 t

The three-way tipper that deserves your trust: Their unique tipping platform withstands extremely high loads as well as point loads. The retracting support legs and the optional aluminium drive-up ramps, which can be stowed in a compartment integrated in the chassis, mean that the trailer can be deployed virtually unrestrictedly in the construction industry.

FROM PAGE 32



## ▶ Tandem Three-Way Tipper HTK from 10 t

The HTK with a gross weight above 10 t is a variable all-rounder. It is particularly impressive with its five-stage hard-chromed cylinder and hydraulic motorised three-way tipper. It has a sturdy, welded, hot-dip galvanised frame for optimum stability and safety. The platform floor is made from 4 mm fine-grained steel. The 500 mm high hinged drop sides with central lock can be folded down at the sides and rear and removed.

FROM PAGE 38



## ▶ Tandem Three-Way Tipper HTK from 13 t

The 13.6 t permitted gross weight may allow you to transport the extra bit of load above 13 t that you need urgently. Particularly suitable for towing vehicles up to 7.49 t. Despite its high gross weight, you can use it with a 40 mm towing ring. These models primarily impress with their generously dimensioned chassis and tipping bridge frame and achieve the highest load-carrying capacity and durability.

FROM PAGE 42

**▶ Tandem Three-Way Tipper HTK from 18 t**

The largest and most economical of the three-way tippers has a conveniently low load height for its class and has 600 mm high drop sides giving a large load volume. The extra-wide tyres ensure low ground pressure and mean that you will get through, even on bad roads and tracks.

**FROM PAGE 46****▶ Tandem Three-Way Tipper HTK with 19 t**

With a permissible gross weight of 19 tonnes, the HTK 19 is not only ideal for bulk materials such as earth, sand, gravel and concrete, but also construction materials such as bricks and concrete blocks. The design of the tandem three-way tipper is based on the width of a pallet and therefore guarantees the safe transportation of palletised goods. With optimised drive and tip qualities and a relatively low tare weight, the tipper offers a reliable helping hand for heavy-duty work.

**FROM PAGE 50**



# Tandem flatbed trailer **HS** from 5 t

An essential helper in the day-to-day use of small construction machinery.



▶ Standard equipment



- 1** Drawbar with screw-in towing eye Ø 40 mm, galvanised and infinitely variable using a crank handle
- 2** Stable, hot-dip galvanised frame, low design, fixed, hot-dip galvanised bulkhead and side walls
- 3** Floor covering made of 40 mm thick softwood planks
- 4** Chassis with torsion spring units
- 5** Aluminium loading ramps, with support feet, laterally movable
- 6** Pneumatic brake with release valve, automatic ALB load-dependent braking, connection hoses with red/yellow coupling heads, 24 V ABV system with spindle parking brake
- 7** 15-way connecting plug
- 8** 24 V lighting system with multiple-chamber tail lamps, optimally protected and LED side marking lamps
- 9** 5 pairs of 2 t lashing points in the outer frame, 2 pairs of 3 t lashing points recessed in the platform floor
- 10** 2 telescopic support feet on the ramps
- 11** Robust, hot-dip galvanised steel fenders with anti-spray system, lateral impact protection, contour markings on the sides and rear
- 12** 2 wheel chocks with retainers
- 13** Heavy-duty automatic support wheel



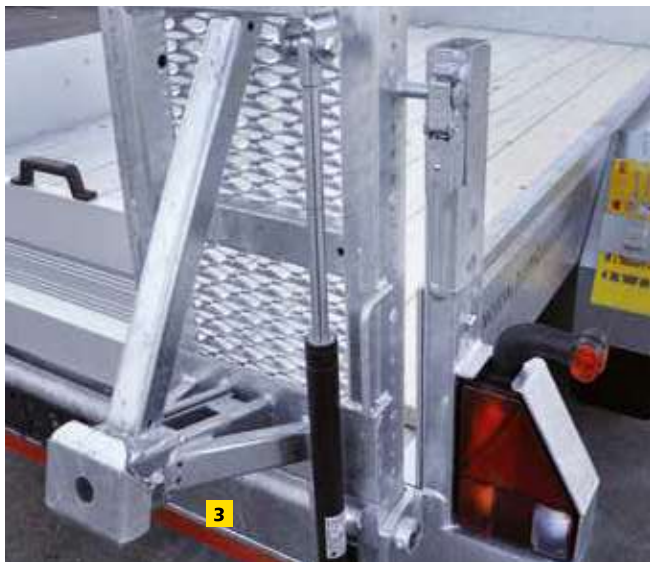
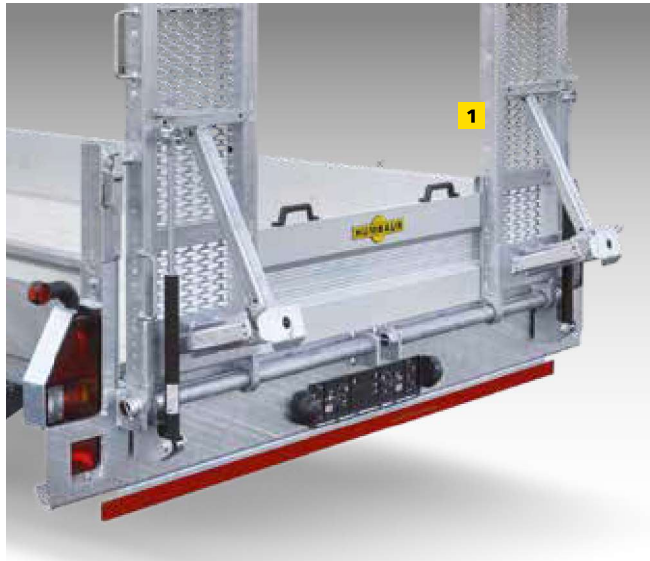


## 10 000 series

### HS models from 5 t

Permissible gross weight in kg	MODEL	Body dimensions in mm	Internal dimensions in mm	Load capacity in kg	Load height in mm	Drive-up angle	Tyre size in inches
5000	<b>HS 504020 BS</b>	6210 x 2545 x 2800	4000 x 2000	3300	600	15°	215 R14 C
6500	<b>HS 654020 BS</b>	6210 x 2545 x 2800	4000 x 2000	4900	630	15°	215/75 R17,5
6500	<b>HS 654520 BS</b>	6700 x 2540 x 2860	4500 x 2000	4850	630	15°	215/75 R17,5
7500	<b>HS 754020 BS</b>	6210 x 2550 x 2860	4000 x 2000	5600	630	16°	215/75 R17,5
7500	<b>HS 754520 BS</b>	6710 x 2550 x 2860	4500 x 2000	5500	630	16°	215/75 R17,5

Subject to technical modifications. All dimensions are approximate values and relate to the series vehicle without accessories. Additional equipment changes both the inherent weight and the load capacity!



### ► Accessories (optional)

- |  |                                     |
|--|-------------------------------------|
| • Spare wheel and bracket                          | • Flashing beacon with 7-pin socket |
| • Duomatic coupling                                | • LED rotating warning light        |
| • Towing ring Ø 50 mm                              | • Screen floor                      |
| • Drawbar for various lengths and coupling heights | • Studded steel plate, galvanised   |
| • Swinging towing eye with Ø 40/50 mm towing ring  | • Support frame on front wall       |
| • Lighting installation 12 V                       | • Steel plate toolbox               |
| • Socket, 7-way at rear                            | • Night parking warning plate       |
| • Reversing light (additional)                     | • Rear marking boards               |
| • Work lamp  | • Insertable rear wall              |

Other accessories on request

**1** Laterally movable ramps, optional insertion wall

**2** Ramp lock

**3** Telescopic support feet on the drive-up ramps

**4** Lashing points recessed in the platform floor



# Tandem flatbed trailer **HS** from 8.9 t

The tandem flatbed trailer with laterally movable steel ramps.



► Standard equipment



- 1** Central tube with screw-in towing eye Ø 40 mm, galvanised and infinitely variable using a crank handle

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- 2** Sturdy, hot-dip galvanised welded structure for optimal stability and safety, fixed, load-bearing, galvanised front and side walls

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- 3** Floor covering made of 40 mm softwood planks

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- 4** Axles with drum brake, maintenance-free parabolic suspension for optimal load compensation

---

- 5** Solid, hot-dip galvanised steel ramps, laterally movable, made of hot-dip galvanised profile grating (HS 89) and a wooden cover (HS 10), gas spring ramp lifter

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- 6** Pneumatic brake with release valve, automatic, ALB load-dependent brake, connection hoses with red/yellow coupling heads, ABV braking system with spindle parking brake

---

- 7** 15-way connecting plug

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- 8** 24 V lighting system with multiple-chamber tail lamps, optimally protected and LED side marking lamps

---

- 9** 2 pairs of 6 t lashing points recessed in the platform floor, 6 pairs of 2 t lashing points in the outer frame

---

- 10** Rugged, hot-dip galvanised fenders with anti-spray system, lateral impact protection, contour markings at the sides and the rear

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- 11** 2 wheel chocks with retainers

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- 12** Reinforced 12 t geared support winch with load and rapid speeds, 2x folding telescopic supports at the ramps



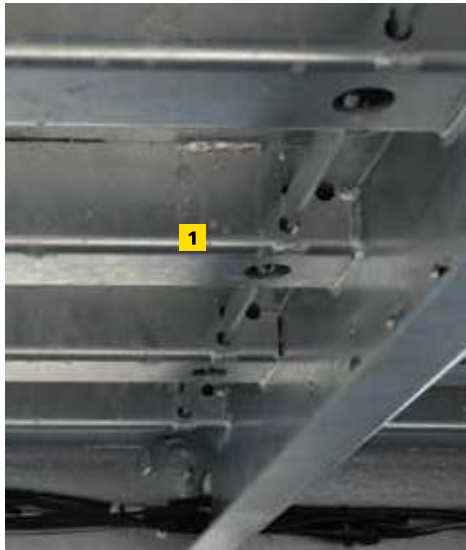


## 10 000 series

### HS models from 8.9 t

Permissible gross weight in kg	MODEL	Body dimensions in mm	Internal dimensions in mm	Load capacity in kg	Load height in mm	Drive-up angle	Tyre size in inches
8900	<b>HS 895020 BS</b>	7140 x 2550 x 3100	5000 x 2010	6500	690	16°	215/75 R17,5
10500	<b>HS 106020 BS</b>	8090 x 2550 x 3090	6000 x 2010	7550	705	16°	235/75 R17,5
10500	<b>HS 105020 BS</b>	7090 x 2550 x 3090	5000 x 2010	8100	705	16°	235/75 R17,5
11900	<b>HS 106020 BS milling-machines transport</b>	8420 x 2550 x 3300	6000 x 2010	8560	705	15°	235/75 R17,5

Subject to technical modifications. All dimensions are approximate values and relate to the series vehicle without accessories. Additional equipment changes both the inherent weight and the load capacity!



### ► Accessories (optional)

- Spare wheel and bracket
- Duomatic coupling
- Spring-type cylinder
- Towing ring Ø 50 mm
- Drawbar for various lengths and coupling heights
- Swinging towing eye with Ø 40/50 mm towing ring
- Lighting installation 12 V
- Socket, 7-way at rear
- Reversing light (additional)
- Work lamp
- Flashing beacon with 7-pin socket
- LED rotating warning light
- Screen floor
- Studded steel plate, galvanised
- Support frame on front wall
- Steel plate toolbox
- Night parking warning plate
- Rear marking boards
- Insertable rear wall
- Loading ramps with gratings or softwood planks
- Load capacity increase to 11.9 t (only HS 10)
- Wide drive-on ramps

Other accessories on request

- 1** Sturdy base for high point loading / milling-machine transport
- 2** Completely collapsible loading ramps with low drive-up angle
- 3** Gas strut ramp lifter
- 4** Bolted adjustable and removable milling-machine conveyor block



# Tandem wheels-in trailer **HBT BE** from 10 t

The tandem wheels-in trailer with insertable aluminium drive-on ramps.



▶ Standard equipment



- 1** Central tube with screw-in towing eye Ø 40 mm, galvanised and infinitely variable using a crank handle

---

- 2** Sturdy welded and hot-dip galvanised frame for optimal stability and safety, drop sides made of anodised aluminium, folding down at the side and back, removable, corner stanchions can be inserted at front and rear

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- 3** Floor covering made of 40 mm thick softwood planks

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- 4** Axles with drum brake, maintenance-free parabolic suspension for optimal load compensation

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- 5** Optional aluminium ramps, retractable

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- 6** Pneumatic brake with release valve, automatic, ALB load-dependent brake, connection hoses with red/yellow coupling heads, ABV automatic locking prevention, braking system with spindle parking brake

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- 7** 15-way connecting plug

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- 8** 24 V lighting system with multiple-chamber tail lamps, optimally protected and LED side marking lamps

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- 9** 6 t lashing points recessed in the platform floor (2 pairs / 5.2 m; 3 pairs / 6.2 m) 2 t lashing points in outside frame (6 pairs / 5.2 m; 7 pairs / 6.2 m)

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- 10** Fender equipped with anti-spray system, rigid lateral impact protection

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- 11** Lockable storage compartment for optional aluminium ramps

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- 12** 2 wheel chocks with retainers

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- 13** Reinforced 12 t geared support winch with heavy-load and rapid speeds with folding support feet at rear left and right on the chassis





## 10 000 series

### HBT BE models from 10 t

Permissible gross weight in kg	MODEL	Body dimensions in mm	Internal dimensions in mm	Load capacity in kg	Load height in mm	Drive-up angle	Tyre size in inches
10500	<b>HBT 105224 BE</b>	7100 x 2550 x 1290	5260 x 2460	7750	920	15°	235/75 R17.5
10500	<b>HBT 106224 BE</b>	8100 x 2550 x 1290	6260 x 2460	7700	920	15°	235/75 R17.5

Subject to technical modifications. All dimensions are approximate values and relate to the series vehicle without accessories. Additional equipment changes both the inherent weight and the load capacity!



### ► Accessories (optional)

- Spare wheel and bracket
- Duomatic coupling
- Spring-type cylinder
- Towing ring Ø 50 mm
- Drawbar for various lengths and coupling heights
- Swinging towing eye with Ø 40/50 mm towing ring
- Lighting installation 12 V
- Socket, 7-way at rear
- Reversing light (additional)
- Work lamp
- Flashing beacon with 7-pin socket
- LED rotating warning light
- Screen floor
- Studded steel plate, galvanised
- Divided aluminium drop sides
- Steel drop sides with galvanised central stanchions
- Stacker bumper guard
- H-frame with steel grating
- Stanchion brackets
- Insertable stanchions
- Support frame on front wall
- Plastic toolbox
- Night parking warning plate
- Rear marking boards
- Slide-in aluminium ramps
- Container lock
- Can be loaded to 11.9 t
- Multi-voltage light and brake system (optional), both 12 - 24 V

Other accessories on request

- 1** Sturdy steel mesh wall (optional)
- 2** Aluminium loading ramps, retractable
- 3** Air suspension (optional)
- 4** Foldable lateral impact protection, perforated outer frame

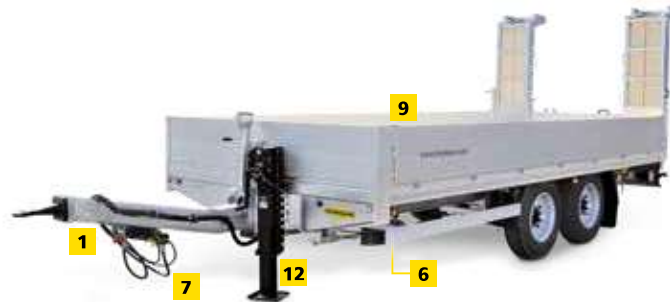


# Tandem wheels-in trailer **HBT BS** from 10 t

Our tandem wheels-in trailer with folding ramps



▶ Standard equipment



- 1** Central tube with screw-in towing eye Ø 40 mm, galvanised and infinitely variable using a crank handle

---

- 2** Sturdy welded and hot-dip galvanised frame for optimal stability and safety, drop sides made of anodised aluminium, folding down at the side, removable, corner stanchions galvanised and can be inserted at front and rear

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- 3** Floor covering made of 40 mm thick softwood planks

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- 4** Axles with drum brake, maintenance-free parabolic suspension for optimal load compensation

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- 5** Sturdy steel ramps, galvanised, movable to the side, ramp covered with softwood planks, gas strut ramp lifter

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- 6** Pneumatic brake with release valve, automatic, ALB load-dependent brake, connection hoses with red/yellow coupling heads, ABV automatic locking prevention, braking system with spindle parking brake

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- 7** 15-way connecting plug

---

- 8** 24 V lighting system with multiple-chamber tail lamps, optimally protected and LED side marking lamps

---

- 9** 6 t lashing points recessed in the platform floor (2 pairs / 5.2 m; 3 pairs / 6.2 m) 2 t lashing points in outside frame (6 pairs / 5.2 m; 7 pairs / 6.2 m)

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- 10** Fender equipped with anti-spray system, rigid lateral impact protection

---

- 11** 2 wheel chocks with retainers

---

- 12** Reinforced 12 t geared support winch with heavy-load and rapid speeds with folding support feet at rear left and right on the chassis





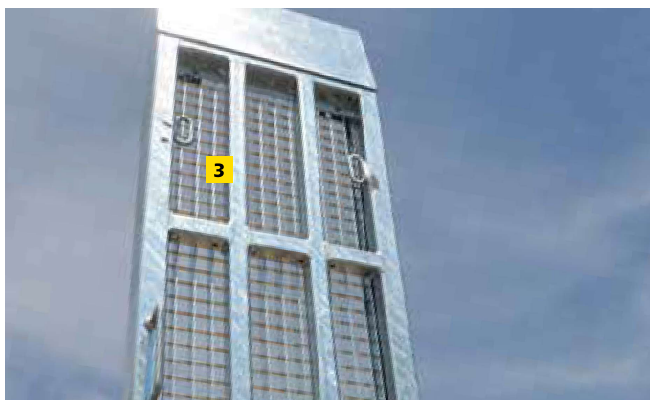
## 10 000 series

## HBT BS models from 10 t

Permissible gross weight in kg	MODEL	Body dimensions in mm	Internal dimensions in mm	Load capacity in kg	Load height in mm	Drive-up angle	Tyre size in inches
10500	<b>HBT 106224 BS straight</b>	8550 x 2540 x 2660	6200 x 2430	7500	920	16° *	235/75 R17,5
10500	<b>HBT 106224 BS chamfered</b>	8550 x 2540 x 2660	6200 x 2430	7500	920	16° **	235/75 R17,5
10500	<b>HBT 105224 BS straight</b>	7550 x 2540 x 2660	5200 x 2430	7650	920	16° *	235/75 R17,5
10500	<b>HBT 105224 BS chamfered</b>	7550 x 2540 x 2660	5200 x 2430	7650	920	16° **	235/75 R17,5
13000	<b>HBT 136225 BS chamfered</b>	8350 x 2550 x 3260	6200 x 2460	10200	920	16° **	245/70 R17,5

\* with two piece ramps \*\* with single piece ramps

Subject to technical modifications. All dimensions are approximate values and relate to the series vehicle without accessories. Additional equipment changes both the inherent weight and the load capacity!



### ► Accessories (optional)

- Spare wheel and bracket
- Duomatic coupling
- Spring-type cylinder
- Towing ring Ø 50 mm
- Drawbar for various lengths and coupling heights
- Swinging towing eye with Ø 40/50 mm towing ring
- Lighting installation 12 V
- Socket, 7-way at rear
- Reversing light
- Work lamp
- Flashing beacon with 7-pin socket
- LED rotating warning light
- Screen floor
- Studded steel plate, galvanised
- Aluminium drop sides with galvanised central stanchions
- Steel drop sides with galvanised central stanchions
- Stacker bumper guard
- H-frame with steel grating
- Stanchion brackets
- Insertable stanchions
- Support frame on front wall
- Container lock
- Plastic toolbox
- Night parking warning plate
- Rear marking boards
- Insertable rear wall
- Loading ramps with gratings
- Hydraulic ramp lifter
- Can be loaded to 11.9 t
- Multi-voltage light and brake system (optional), both 12 - 24 V

Other accessories on request

- 1** Height-adjustable drawbar
- 2** Model with chamfered cargo bed and platform floor made of 40 mm thick softwood planks
- 3** Loading ramps with gratings
- 4** 6 t lashing point



# Tandem wheels-in trailer **HBT BS** from 13 t

Low load height due to serially fitted twin tyres



► Standard equipment



- 1 Central tube with screw-in towing eye Ø 40 mm, galvanised and infinitely variable using a crank handle
- 2 Sturdy welded and hot-dip galvanised frame for optimal stability and safety, drop sides made of anodised aluminium, folding down at the side, removable, galvanised corner stanchions, can be inserted at front and rear
- 3 Floor covering made of 40 mm thick softwood planks
- 4 Axles with drum brake, maintenance-free parabolic suspension for optimal load compensation

- 5 Serially fitted twin tyres
- 6 Sturdy steel ramps, galvanised, movable to the side, ramp covered with softwood planks, gas strut ramp lifter
- 7 Pneumatic brake with release valve, automatic, ALB load-dependent brake, connection hoses with red/yellow coupling heads, ABV automatic locking prevention, braking system with spindle parking brake
- 8 15-way connecting plug
- 9 24 V lighting system with multiple-chamber tail lamps, optimally protected and LED side marking lamps
- 10 6 t lashing points recessed in the platform floor (3 pairs / 6.2 m; 4 pairs / 7.2 m) 2 t lashing points in outside frame (7 pairs / 6.2 m; 8 pairs / 7.2 m)
- 11 Fender equipped with anti-spray system, rigid lateral impact protection
- 12 2 wheel chocks with retainers
- 13 Reinforced 12 t geared support winch with heavy-load and rapid speeds with folding support feet at rear left and right on the chassis







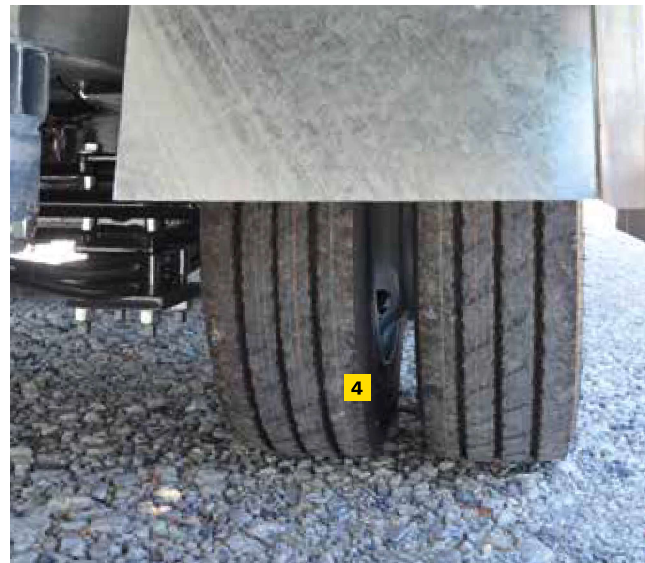
## 10 000 series

### HBTZ BS models from 13 t

Permissible gross weight in kg	MODEL	Body dimensions in mm	Internal dimensions in mm	Load capacity in kg	Load height in mm	Drive-up angle	Tyre size in inches
13600	<b>HBTZ 137224 BS straight</b>	9560 x 2530 x 2610	7240 x 2430	9800	850	16° *	205/65 R17.5
13600	<b>HBTZ 137224 BS chamfered</b>	9560 x 2530 x 2610	7240 x 2430	9800	850	16° **	205/65 R17.5
13600	<b>HBTZ 136224 BS straight</b>	8560 x 2530 x 2610	6240 x 2430	10000	850	16° *	205/65 R17.5
13600	<b>HBTZ 136224 BS chamfered</b>	8560 x 2530 x 2610	6240 x 2430	10000	850	16° **	205/65 R17.5

\* with two piece ramps \*\* with single piece ramps

Subject to technical modifications. All dimensions are approximate values and relate to the series vehicle without accessories. Additional equipment changes both the inherent weight and the load capacity!



### ▶ Accessories (optional)

- Spare wheel and bracket
- Duomatic coupling
- Spring-type cylinder
- Towing ring Ø 50 mm
- Drawbar for various lengths and coupling heights
- Swinging towing eye with Ø 40/50 mm towing ring
- Lighting installation 12 V
- Socket, 7-way at rear
- Reversing light
- Work lamp
- Flashing beacon with 7-pin socket
- LED rotating warning light
- Screen floor
- Studded steel plate, galvanised
- Aluminium drop sides with galvanised central stanchions (serially fitted for 7.2 m)
- Steel drop sides with galvanised central stanchions
- Stacker bumper guard
- H-frame with steel grating
- Stanchion brackets
- Insertable stanchions
- Support frame on front wall
- Plastic toolbox
- Night parking warning plate
- Insertable aluminium rear wall
- Rear marking boards
- Loading ramps with gratings
- Hydraulic ramp lifter

Other accessories on request

- 1** Reinforced 12 t geared support jack with load and fast speeds
- 2** Height-adjustable, folding support at rear below the chassis
- 3** Galvanised drive-on ramps with optional gratings
- 4** Serially fitted twin tyres for all HBTZ models

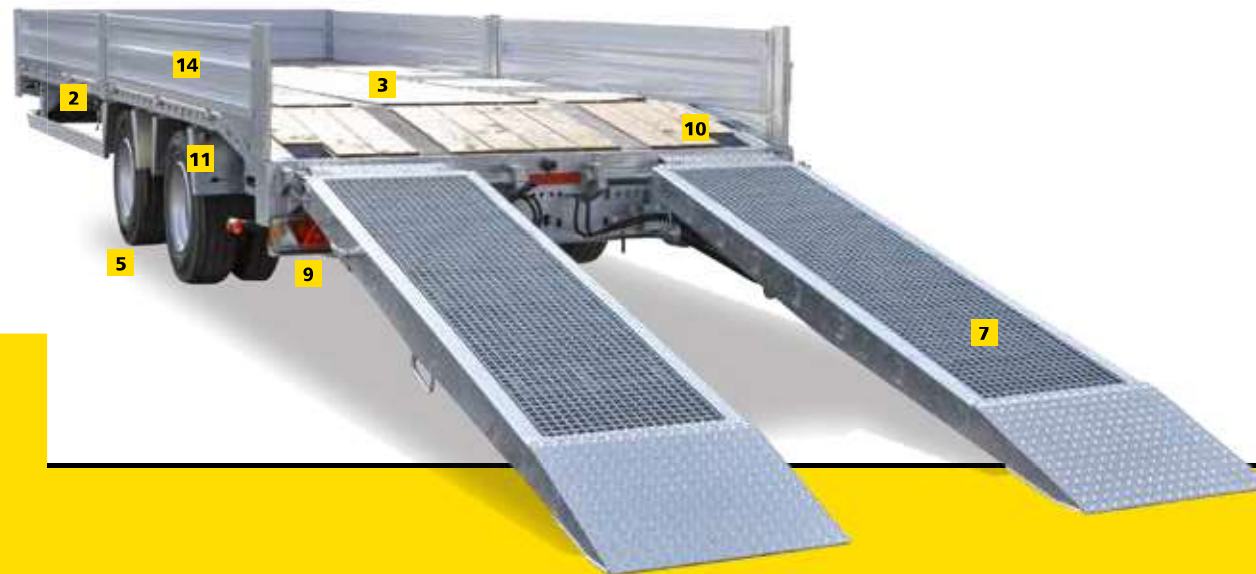


# Tandem wheel-in trailer **HBTZ BS 19 t**

The perfect wheels-in trailer for all complex tasks



▶ Standard equipment



- 1** Central tube with screw-in towing eye Ø 50 mm, galvanised and infinitely variable using a crank handle

---

- 2** Sturdy welded and hot-dip galvanised frame for optimum stability and safety, plug-compatible front bulkhead

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- 3** Floor covering made of 40 mm thick softwood planks

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- 4** Axles with drum brake, maintenance-free air suspension with raising and lowering function

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- 5** Serially fitted twin tyres

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- 6** EBS pneumatic brake with double release valve, connection hoses with red/yellow coupling heads, ABV automatic locking prevention, braking system with spring mechanism

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- 7** Sturdy steel ramps, galvanised, movable to the side, ramp covered with softwood planks, gas strut ramp lifter

---

- 8** 15-way connecting plug

---

- 9** 24 V lighting system with multiple-chamber tail lamps, optimally protected and LED side marking lamps

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- 10** 6 t lashing points recessed in the platform floor (3 pairs / 6.2 m; 4 pairs / 7.2 m) 2 t lashing points in outside frame (7 pairs / 6.2 m; 8 pairs / 7.2 m)

---

- 11** Fender equipped with anti-spray system, rigid lateral impact protection

---

- 12** 2 wheel chocks with retainers

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- 13** Reinforced 12 t geared support winch with heavy-load and rapid speeds with folding support feet at rear left and right on the chassis

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- 14** Optionally with divided aluminium / steel drop sides with central stanchions





**10 000 series**

**HBTZ BS models 19 t**

Permissible gross weight in kg	MODEL	Body dimensions in mm	Internal dimensions in mm	Load capacity in kg	Load height in mm	Drive-up angle	Tyre size in inches
19000	<b>HBTZ 197224 BS straight</b>	9360 x 2550 x 3860	7200 x 2450	13700	870	14°	235/75 R17,5
19000	<b>HBTZ 197224 BS chamfered</b>	9360 x 2550 x 3690	7200 x 2450	13700	870	11°	235/75 R17,5
19000	<b>HBTZ 196524 BS straight</b>	8480 x 2550 x 3860	6500 x 2450	14300	870	14°	235/75 R17,5
19000	<b>HBTZ 196524 BS chamfered</b>	8480 x 2550 x 3690	6500 x 2450	14300	870	11°	235/75 R17,5
21000	<b>HBTZ 216524 BS chamfered</b>	8700 x 2550 x 3710	6500 x 2540	16300	870	13°	235/75 R17,5
21000	<b>HBTZ 217224 BS chamfered</b>	9400 x 2550 x 3710	7250 x 2540	16200	870	13°	235/75 R17,5

Subject to technical modifications. All dimensions are approximate values and relate to the series vehicle without accessories. Additional equipment changes both the inherent weight and the load capacity!



### ► Accessories (optional)

- Spare wheel and bracket
- Duomatic coupling
- Lighting installation 12 V
- Drawbar for various lengths and coupling heights
- Swinging towing eye with Ø 40/50 mm towing ring
- Socket, 7-way at rear
- Reversing light (additional)
- Work lamp
- Flashing beacon with 7-pin socket
- LED rotating warning light
- Screen floor
- Chequered sheet metal floor
- Stacker bumper guard
- H-frame with steel grating
- Stanchion brackets
- Insertable stanchions
- Support frame on front wall
- Plastic toolbox
- Night parking warning plate
- Insertable aluminium rear wall
- Rear marking boards
- Loading ramps with gratings
- Hydraulic ramp lifter
- Multi-voltage light and brake system (optional), both 12 - 24 V

Other accessories on request

- 1** Reinforced 12 t geared support jack with load and fast speeds
- 1** Optional steel drop sides
- 3** Galvanised drive-on ramps with gratings and hydraulic ramp lifter (optional)
- 4** Serially fitted rear support under the chassis
- 5** Air suspension with lift/lower function, 1st axle as lifting axle (optional)



# Tandem three-way tipper **HTK** from 5 t





► Standard equipment



- 1** Chassis and platform frame are hot-dip galvanised
- 2** 400 mm steel drop sides, can be folded down at the sides and rear, removable and hinged, rear swinging wall with central lock; sturdy steel front wall, removable
- 3** Height-adjustable drawbar can be adjusted from approx. 590 mm - 930 mm, with screw-in towing ring Ø 40 mm
- 4** Torsion spring units (5 / 6.5 t) and parabolic suspension at 7.5 t
- 5** Fitting slot integrated in the chassis frame for optional aluminium drive-up ramps
- 6** 4-step telescopic cylinder
- 7** Single circuit hydraulic connection, controlled by towing vehicle
- 8** Pendulum flap at rear with central lock
- 9** Floor plate made from 4 mm thick hot-dip galvanised steel plate
- 10** 4 solid tie-down points
- 11** 3 pairs of recessed tie-down points
- 12** 24 V, splash-resistant and vibration damped lights, 15-pin connecting plug
- 13** Optional 12 V electrohydraulic system with battery and hand pump
- 14** Pneumatic brake with release valve, automatic, ALB load-dependent brake, connection hoses with red/yellow coupling heads, ABV automatic locking prevention, braking system with spindle parking brake



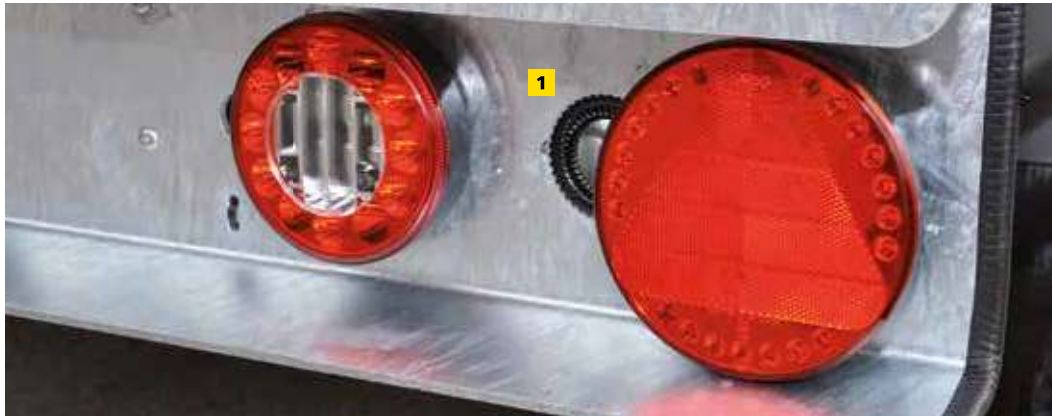


**10 000 series**

**HTK models from 5 t**

Permissible gross weight in kg	MODEL	Body dimensions in mm	Internal dimensions in mm	Load capacity in kg	Load height in mm	Tilt angle (to side/rear)	Tyre size in inches
5000	<b>HTK 504020</b>	6040 x 2200 x 1400	4000 x 2030 x 400	3250	920	45°/48°	215 R14 C
6500	<b>HTK 654020</b>	6040 x 2200 x 1400	4000 x 2030 x 400	4700	950	45°/48°	215 /75 R17.5
7500	<b>HTK 754020</b>	6040 x 2200 x 1400	4000 x 2030 x 400	5600	920	45°/48°	215 /75 R17.5

Subject to technical modifications. All dimensions are approximate values and relate to the series vehicle without accessories. Additional equipment changes both the inherent weight and the load capacity!



### ► Accessories (optional)

- Spare wheel and bracket
- Duomatic coupling
- Spring-loaded brake cylinder (replaces spindle parking brake)
- Towing ring Ø 50 mm
- Swinging towing eye with Ø 40/50 mm towing ring
- Drawbar for various lengths and coupling heights
- Lighting installation 12 V
- Multi-voltage light and brake system (optional), both 12 - 24 V
- 12 V and 24 V EBS system
- Socket, 7-way at rear
- 12 V electrohydraulic system with battery and hand pump
- Reversing light (additional)
- Work lamp
- Flashing beacon with 7-pin socket
- LED rotating warning light
- Folding door instead of tailgate
- Add-on drop sides
- Add-on steel gratings
- Plastic toolbox
- Night parking warning plate
- Rear marking boards
- Platform support
- Cover net
- Side guards
- Aluminium ramps with patented interlock

Other accessories on request

- 1** Optional multi-voltage light and brake system
- 2** 4-step telescopic cylinder
- 3** Sturdy platform, 4 mm steel plate floor, hot-dip galvanised











# Tandem three-way tipper **HTK** from 10 t

The variable all-rounder for all transport tasks



▶ Standard equipment

- 1** Central tube with screw-in towing eye Ø 40 mm, galvanised and infinitely variable using a crank handle

---

- 2** Solid, welded and hot-dip galvanised frame for optimal stability and safety; platform floor made of 4 mm fine-grained steel, swap-proof rocker-bearing bolts

---

- 3** Laser-welded, high-quality steel sideboards, 500 mm height, can be folded down at the sides and rear, removable and hinged with central lock, bulkhead removable

- 4** Hot-dip galvanised platform frame with longitudinal, transverse and diagonal struts for high stability and point-load resistance

---

- 5** Drop sides primer-painted with high-quality two-component paint for optimal corrosion protection, hollow chambers are sealed, painted in a single colour in RAL as requested

---

- 6** Motor-powered, hydraulic three-way tipping system, five-step cylinder with stroke limiter

---

- 7** Axles with drum brake, maintenance-free parabolic suspension for optimal load compensation

---

- 8** Pneumatic brake with release valve, automatic, ALB load-dependent brake, connection hoses with red/yellow coupling heads, ABV automatic locking prevention, braking system with spindle parking brake

---

- 9** 15-way connecting plug

---

- 10** 24 V lighting system with multiple-chamber tail lamps and LED side marking lamps

---

- 11** 6 t lashing points recessed in the platform floor (4 pairs / 4.5 m; 5 pairs / 5.0m; 6 pairs / 5.5 m)

---

- 12** Fender with anti-spray system

---

- 13** 2 wheel chocks with retainers

---

- 14** Reinforced 12 t geared support jack with load and fast speeds







Side wall lifting spring for drop sides and lever for central locking system

**10 000 series**

**HTK models from 10 t**

Permissible gross weight in kg	MODEL	Body dimensions in mm	Internal dimensions in mm	Load capacity in kg	Load height in mm	Tilt angle (to side/rear)	Tyre size in inches
10500	<b>HTK 104522</b>	6460 x 2350 x 1475	4520 x 2220	7500	990	45°/48°	235/75 R17,5
10500	<b>HTK 105024</b>	6990 x 2550 x 1475	5035 x 2420	7150	990	45°/48°	235/75 R17,5
10500	<b>HTK 105524</b>	7460 x 2550 x 1475	5535 x 2420	7100	990	43°/41°	235/75 R17,5

Subject to technical modifications. All dimensions are approximate values and relate to the series vehicle without accessories. Additional equipment changes both the inherent weight and the load capacity!



### ► Accessories (optional)

- Spare wheel and bracket
- Duomatic coupling
- Spring-type cylinder
- Towing ring Ø 50 mm
- Swinging towing eye with Ø 40/50 mm towing ring
- Drawbar for various lengths and coupling heights
- Lighting installation 12 V
- Socket, 7-way at rear
- Reversing light (additional)
- Work lamp
- Flashing beacon with 7-pin socket
- LED rotating warning light
- Wear plate for bridge
- Folding door instead of tailgate
- Add-on drop sides
- Add-on steel gratings
- Plastic toolbox
- Night parking warning plate
- Rear marking boards
- Platform support
- Cover net
- Side guards
- Aluminium ramps with patented interlock
- Wide tyres
- Can be loaded to 11.9 t
- Multi-voltage light and brake system (optional), both 12 - 24 V

Other accessories on request

- 1** Optional height-adjustable, fold-out supports and aluminium ramps
- 2** Storage compartment for 2 optional aluminium drive-up ramps in the chassis frame. Serially fitted stroke limiter and safety ropes.



# Tandem three-way tipper **HTK** from 13 t

Designed for maximum load capacity and variability



► Standard equipment

- 1** Central tube with screw-in towing eye Ø 40 mm, galvanised and infinitely variable using a crank handle

---

- 2** Solid, welded and hot-dip galvanised frame for optimal stability and safety; platform floor made of 4 mm fine-grained steel, 2 swap-proof rocker-bearing bolts

---

- 3** Laser-welded, high-quality steel sideboards, 500 mm height, can be folded down at the sides and rear, removable and hinged with central lock, bulkhead removable

- 4** Hot-dip galvanised platform frame with longitudinal, transverse and diagonal struts for high stability and point-load resistance

---

- 5** Drop sides primer-painted with high-quality two-component paint for optimal corrosion protection, hollow chambers are sealed, painted in a single colour in RAL as requested

---

- 6** Motor-powered, hydraulic three-way tipping system, five-step cylinder with stroke limiter

---

- 7** Axles with drum brake, maintenance-free parabolic suspension for optimal load compensation

---

- 8** Pneumatic brake with release valve, automatic, ALB load-dependent brake, test connections for compressed air system, connecting hoses with red/yellow coupling heads, ABV automatic locking prevention, braking system with spindle parking brake

---

- 9** 15-way connecting plug

---

- 10** 24 V lighting system with multiple-chamber tail lamps and LED side marking lamps

---

- 11** 6 t lashing points recessed in the platform floor (4 pairs / 5.0 m; 5 pairs / 5.5 m)

---

- 12** Fender with anti-spray system

---

- 13** 2 wheel chocks with retainers

---

- 14** Reinforced 12 t geared support jack with load and fast speeds







**10 000 series**

**HTK models from 13 t**

Permissible gross weight in kg	MODEL	Body dimensions in mm	Internal dimensions in mm	Load capacity in kg	Load height in mm	Tilt angle (to side/rear)	Tyre size in inches
13000	<b>HTK 135024 L</b>	7020 x 2550 x 1500	5040 x 2420	9500	970	45°/48°	245/70 R19.5
13600	<b>HTK 135524</b>	7450 x 2550 x 1610	5540 x 2420	9500	1070	45°/48°	285 /70 R19.5
13600	<b>HTK 135024</b>	6950 x 2550 x 1610	5040 x 2420	9800	1070	45°/48°	285 /70 R19.5

Subject to technical modifications. All dimensions are approximate values and relate to the series vehicle without accessories. Additional equipment changes both the inherent weight and the load capacity!





### ► Accessories (optional)

- |  |   |
|--|---|
| • Spare wheel and bracket                          | • Folding door instead of tailgate                                |
| • Duomatic coupling                                | • Add-on drop sides   |
| • Spring-type cylinder                             | • Add-on steel gratings   |
| • Towing ring Ø 50 mm                              | • Plastic toolbox   |
| • Swinging towing eye with Ø 40/50 mm towing ring  | • Night parking warning plate                                     |
| • Drawbar for various lengths and coupling heights | • Rear marking boards   |
| • Lighting installation 12 V                       | • Platform support  |
| • Socket, 7-way at rear                            | • Cover net   |
| • Reversing light (additional)                     | • Side guards   |
| • Work lamp  | • Aluminium ramps with patented interlock                         |
| • Flashing beacon with 7-pin socket                | • Wide tyres  |
| • LED rotating warning light                       | • Multi-voltage light and brake system (optional), both 12 - 24 V |
| • Wear plate for bridge                            |   |

Other accessories on request

- |          |   |
|----------|---|
| <b>1</b> | Solid tilting bearings                                |
| <b>2</b> | Loading ramps inserted under the cargo bed (optional) |
| <b>3</b> | Ground-preserving tyres (optional)                    |
| <b>4</b> | New model HTK 135024 L                                |



# Tandem three-way tipper **HTK** from 18 t

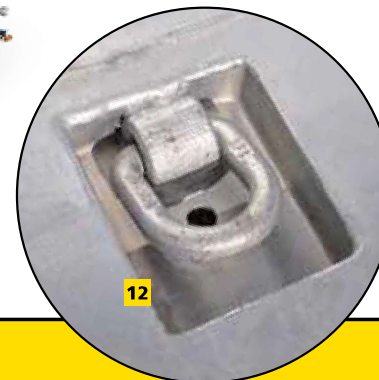
Designed for heavy-duty use



► Standard equipment

- 1 Central tube with screw-in towing eye Ø 50 mm, galvanised and infinitely variable using a crank handle
- 2 Solid, welded and hot-dip galvanised frame for optimal stability and safety; platform floor made of 4 mm fine-grained steel, 2 swap-proof rocker-bearing bolts
- 3 Laser-welded, high-quality steel sideboards, 600 mm height, can be folded down at the sides and rear, removable and hinged with central lock, bulkhead removable

- 4 Hot-dip galvanised platform frame with longitudinal, transverse and diagonal struts for high stability and point-load resistance
- 5 Drop sides primer-painted with high-quality two-component paint for optimal corrosion protection, hollow chambers are sealed, painted in a single colour in RAL as requested
- 6 Motor-powered, hydraulic three-way tipping system, five-step cylinder with stroke limiter
- 7 Axles with drum brake, maintenance-free parabolic suspension for optimal load compensation or air suspension
- 8 Extra-wide single tyres for low ground pressure
- 9 EBS pneumatic brake for air suspension, ALB braking force regulator for parabolic suspension, connecting hoses with red/yellow coupling heads, brake system with spring-actuated parking brake, standard with EBS, spindle parking brake for parabolic suspension
- 10 15-way connecting plug
- 11 24 V lighting system with multiple-chamber tail lamps and LED side marking lamps
- 12 6 t lashing points recessed in the platform floor (4 pairs / 5.0 m; 5 pairs / 5.5 m)
- 13 Fender with anti-spray system
- 14 2 wheel chocks with retainers
- 15 Reinforced 12 t geared support jack with load and fast speeds







**10 000 series**

**HTK models from 18 t**

Permissible gross weight in kg	MODEL	Body dimensions in mm	Internal dimensions in mm	Load capacity in kg	Load height in mm	Tilt angle (to side/rear)	Tyre size in inches
18000	<b>HTK 185024 (with air suspension)</b>	6950 x 2550 x 1710	5040 x 2420	13800	1135	45°/48°	435 / 50 R19.5
18000	<b>HTK 185524 (with air suspension)</b>	7450 x 2550 x 1710	5540 x 2420	14100	1135	45°/48°	435 / 50 R19.5

Subject to technical modifications. All dimensions are approximate values and relate to the series vehicle without accessories. Additional equipment changes both the inherent weight and the load capacity!



### ► Accessories (optional)

- Loose spare wheel
- Duomatic coupling
- Swinging towing eye with Ø 40/50 mm towing ring
- Drawbar for various lengths and coupling heights
- Lighting installation 12 V
- Socket, 7-way at rear
- Reversing light (additional)
- Work lamp
- Flashing beacon with 7-pin socket
- LED rotating warning light
- Wear plate for bridge
- Folding door instead of tailgate
- Add-on drop sides
- Add-on steel gratings
- Plastic toolbox
- Night parking warning plate
- Rear marking boards
- Platform support
- Cover net
- Side guards
- Aluminium ramps
- Foldable supports
- Multi-voltage light and brake system (optional), both 12 - 24 V

Other accessories on request

**1** Chassis frame, hot-dip galvanised

**2** Solid tilting bearings

**3** Air suspension with lifting/lowering valve

**4** Air spring bellows



# Tandem three-way tipper **HTK** up to 19 t

The perfect partner for demanding construction projects



► Standard equipment



**1** Reinforced SAF-Axles „CD“ with drum brakes, tilting stability by electrical air suspension with shock absorbers

**2** Connection hoses with non- interchangeable coupling heads, ABV automatic locking prevention, 24V EBS braking system with spring loaded parking brake and 24V EBS-connector

**3** Central tube with screw-in towing eye Ø 50 mm, hot dip galvanised, length adjustable by drilling pattern

**4** 24V lighting system, multi-chamber taillights, LED side marker lights, 15-pin connector (lights)

**5** Sturdy, welded and hot dip galvanised chassis frame, for optimum stability and safety

**6** Sturdy steel platform 4 mm thickness and 450 Brinell hardness „HB 450“, bridge frame with side and cross members for high stability, 4 rocking ball bearings with 2 non- interchangeable tilting bearing pins

**7** Rear- and sidewalls made of Hardox® HB450, 800 mm height, swinging, with central locking, Tailgate with automatic unlocking device, front wall made of steel, 800 mm height, Bridge frame and body KTL- and powder-coated in RAL (single-color)

**8** Reinforced 12 t, gear-supported jack with load and rapid speed

**9** Hydraulic three-way tipping mechanism, control/operating by the towing vehicle (max. 200 bar), with stroke limiting and safety cables, three-stage tipping cylinder, hydraulic connector SVK BG3, single-circuit connection

**10** 2 wheel-chocks with retainers, 2 pair of mudguards 1/2-shell, marking lines at the sides white, at rear red

**11** Space for single line registration plate



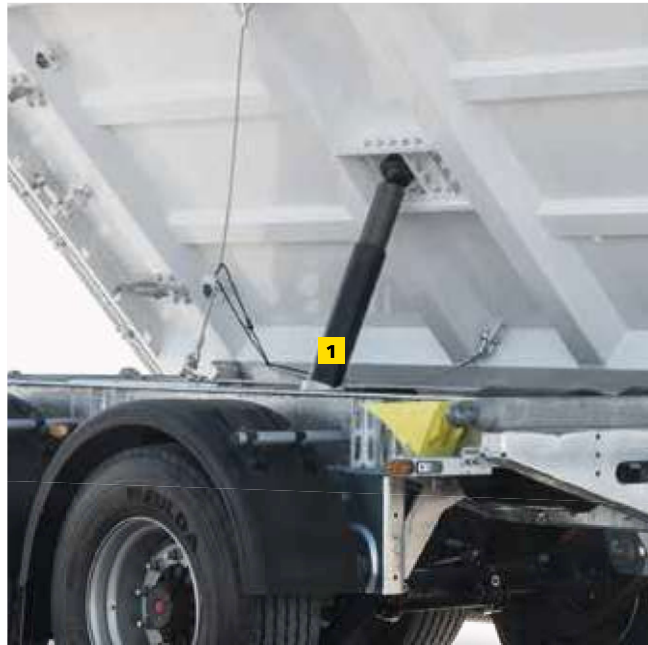


**10 000 series**

**HTK 195025 19 t**

Permissible gross weight in kg	MODEL	Body dimensions in mm	Internal dimensions in mm	Load capacity in kg	Load height in mm	Tilt angle (to side/rear)	Tyre size in inches
19000	<b>HTK 195025</b>	7000 x 2550 x 2400	5010 x 2420 x 800	15000	1520	50°/50°	4x 385/65 R22,5

Subject to technical modifications. All dimensions are approximate values and relate to the series vehicle without accessories. Additional equipment changes both the inherent weight and the load capacity!



#### ► Accessories (optional)

- Platform gates 900 or 1000 mm height
- Platform gates foldable with spring-lifter
- Platform gates made of aluminium, 800, 900 or 1000 mm height, tailgate Hardox® 450
- Platform thickness 5 or 6 mm, HB450
- TIM: Trailer-Information-Module (information display)
- 1. axle as lifting axle
- SAF disc brakes
- BPW drum- or disc brakes
- Roll-up tarpaulin
- Automatic lowering function while tipping
- Bordmatic

Other accessories on request



**1** Three-stage cylinder with stroke limiter

**2** Reinforced 12 t geared support jack with load and fast speeds



# Optional accessories as desired

## ► Chassis



Lashing rail with pivot (Ø 40/50 mm)



Add-on drop sides



Stacker bumper guard, side



Steel chequerplate flooring



Horizontal height adjustment of drawbar



2-piece folding doors



Drop sides divided, with centre stanchion



Container lock

► Chassis



Special tow bar



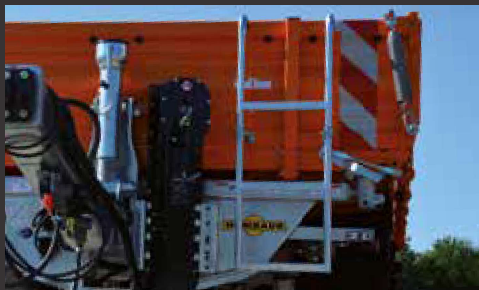
2-piece folding doors



Bulk goods chain



Pivoting tie-down ring



Access ladder and warning strips on left and right



Cable winch on cargo bed



Spare wheel holder on the front wall  
(only in combination with steel front walls)



Spare wheel holder as basket under the cargo bed



Retractable warning plates



Tarpaulin



Plastic toolbox under the cargo bed



► Chassis



Support frame for milling-machine conveyor



Air suspension with lift/lower function

► Electrical system / lighting



Duomatic coupling



LED lighting



Additional reversing light



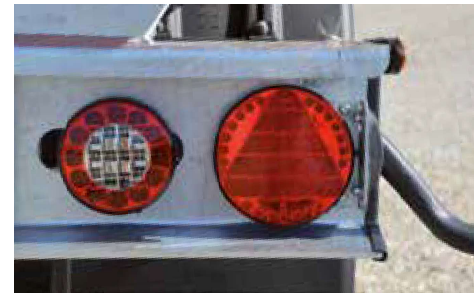
1 x 7-way and 1 x 4-way plug incl. connection cables



Additional LED working light

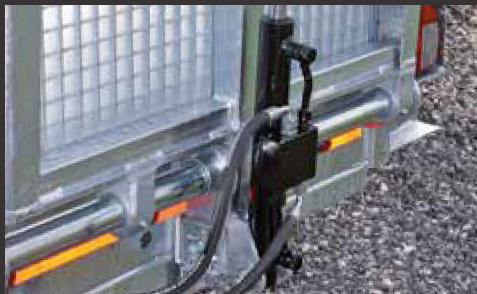


2 x 7-way plug incl. connection cables

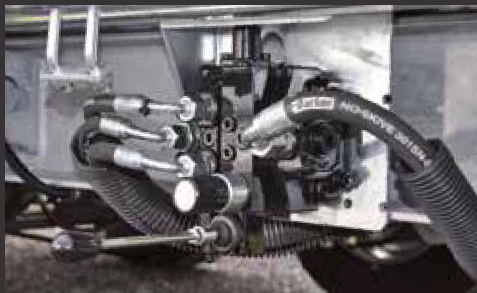


Multi-voltage light and brake system (optional), both 12 - 24 V

► Hydraulics



Hydraulic ramp lifter



Hydraulic steering

► Ramps



One-piece, wide ramps with steel grating



Hydraulic ramp wall with steel grating



2 aluminium ramps slid under the cargo bed

# Other accessories

or special manufacture possible on request!

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► [humbaur.com](http://humbaur.com)





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*Ulrich Humbaур*  
*Proprietor, Director / CEO*

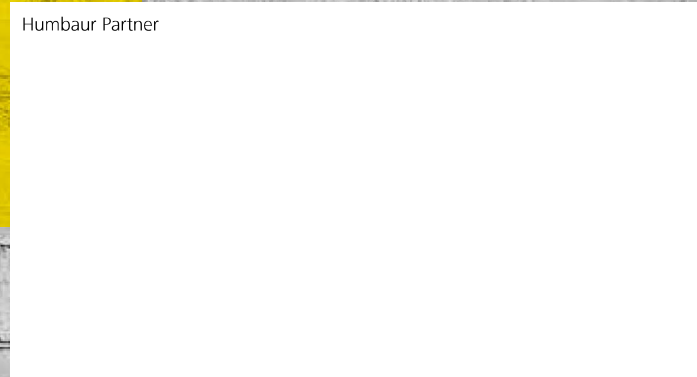
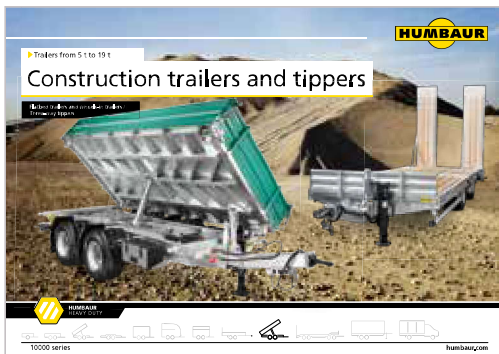




# Humbaur makes it happen

▶ Have a look at our product range...

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