

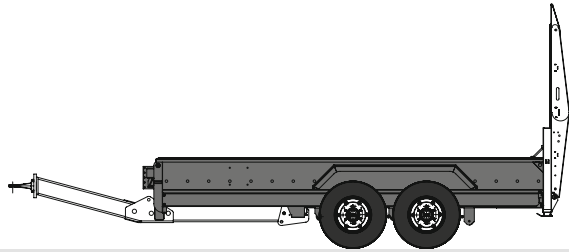


INNOVATING **FOR YOU**

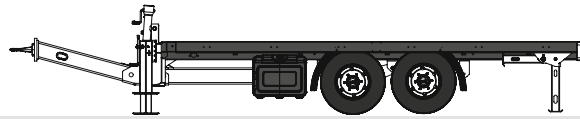
**Fliegl tandem trailers –
up for any challenge**

www.fliegl.com

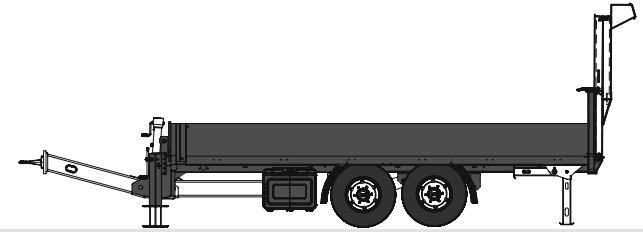
TTS



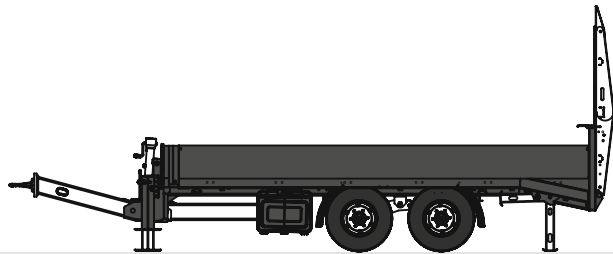
TPS Construction



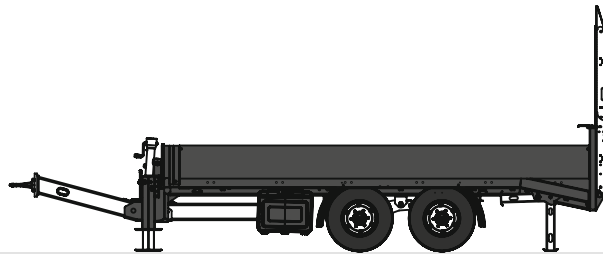
Standard TPS Construction



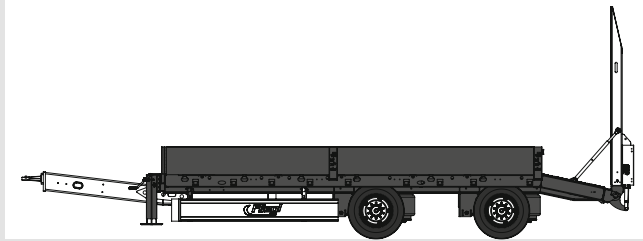
**TPS Construction
with bevelled rear frame ends**



TPS Jumbo



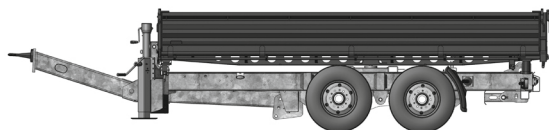
**TPS 180 Construction
TPS 200 Construction
TPS 210 Construction**



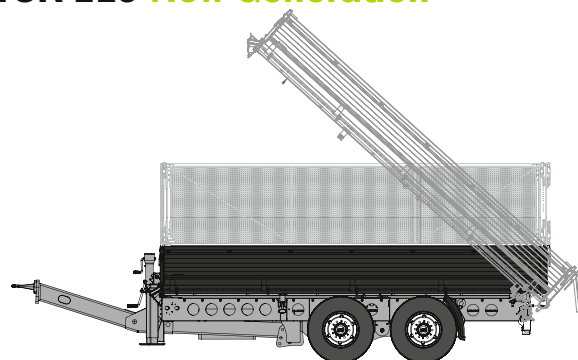
Fliegl tandem trailers Overview



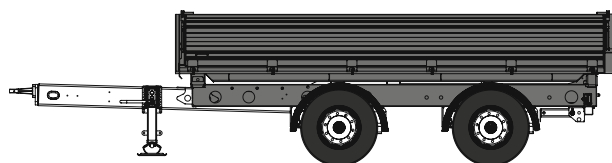
TSK 89
TSK 100
TSK 118
TSK 140



TSK 119 **New Generation**



TSK 210 **New Generation**



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TTS tandem low-loader trailer	4
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TPS 210 tandem construction platform trailer	20
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Tandem three-way dump trailer TSK	28
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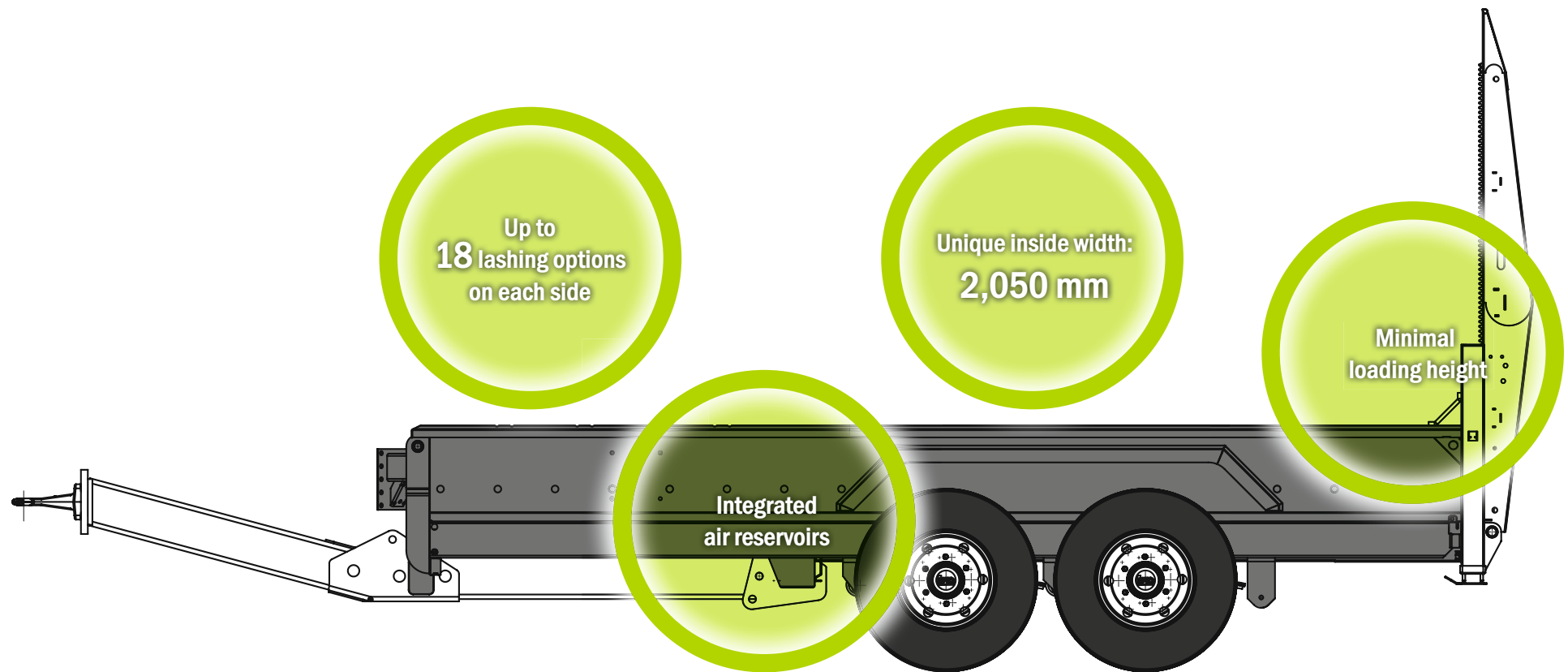
Tandem three-way dump trailer TSK 119 New Generation	36
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Tandem three-way dump trailer TSK 210 New Generation	40
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- Immediate delivery **from the factory Contents**
- Widest variety of loading lengths, widths and weight classes up to **14.4 t total weight**
- **Height-adjustable** traction bar
- Solid, ergonomic **rear support**
- **Lockable** storage compartments
- Low-maintenance **tandem-rocker assembly**
- **Certified load securing** for maximum flexibility and safety
- **Well thought-out details** for the transport of construction materials

Contents



TTS tandem low-loader trailer

- Unique **inside width: 2,050 mm**
- Minimal **loading height**
- Embedded **Load-Lock-profile** for maximum load securing
- **Integrated air reservoirs** for maximum ground clearance and off-road capability
- **Reinforced track** for high point loads
- For effective **equipment transport**
- Laterally **adjustable ramps** with either timber or interlocking steel rail surfaces
- **10 year warranty** against rust

Axles and springs

Euro axles with taper roller bearings and S-cam brake, low-maintenance leaf spring assembly with axle load compensation

Frame

Welded fine-grain steel construction, steel side panels as trough solidly welded with steel chequer plate floor, 4 pairs of lashing lugs

Support

Telescoping support foot, telescoping rear support

Draw gear

Height-adjustable traction bar with tested size 40 drawbar eye

Brake system

Dual-line brake system in accordance with EC regulations, ABS, 2 non-interchangeable coupling heads, spring type parking brake, with connecting cable

Electrics

24 V, light clusters, 2 x 7-pin non-interchangeable connectors with connecting cable, lighting compliant with EC regulations

Ramps

Undivided steel ramps, with timber surfaces, laterally adjustable, with gas pressure jacks for one-man operation

Paint

Frame RAL 3002, carmine red, ramps hot-dip galvanised, rims factory silver

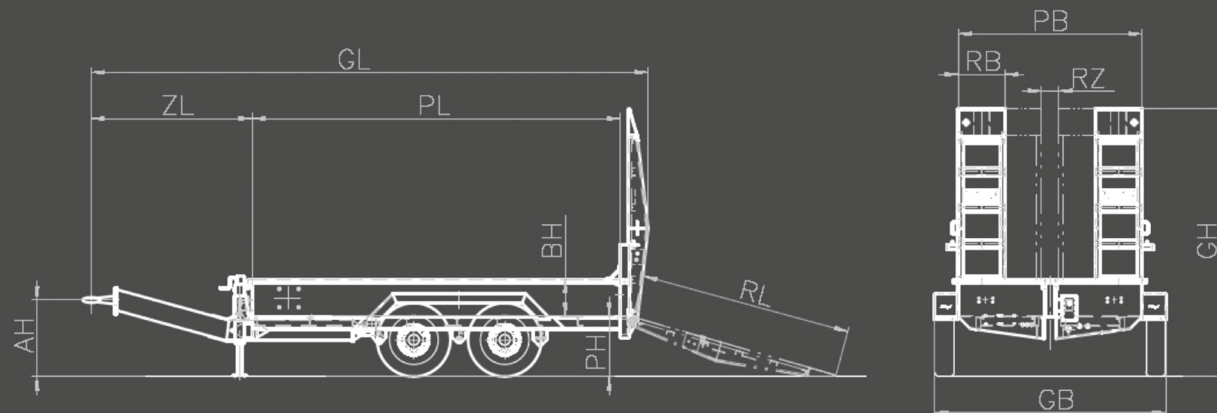
Miscellaneous

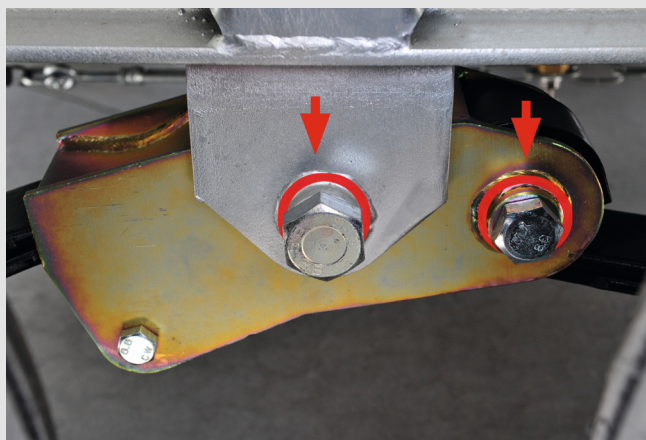
Wheel chocks with holder, DEKRA approval with report, contour marking

TECHNICAL DATA	TTS 60	TTS 89	TTS 100
Permissible total weight in kg	6,000	8,900	10,500
Of which drawbar load in kg	500	500	700
Empty weight in kg	2,300	2,300	2,300
Payload in kg	3,700	6,600	8,200
Platform length PL in mm	4,500	4,500	4,500
Platform width PW in mm	2,050	2,050	2,050
Side panel height SPH in mm	400	400	400
Total length TL in mm	6,350	6,350	6,350
Total width TW in mm	2,550	2,550	2,550
Total height TH in mm	2,900	2,900	2,900
Platform height PH in mm	630	630	630
Traction bar length TBL in mm	1,750	1,750	1,750
Coupling height CH in mm	800	800	800
Ramp length RL in mm	2,300	2,300	2,300
Ramp width RW in mm	510	510	510
Ramp spacing RS in mm	240	240	240
Drive-up angle in degrees	15	15	15
Single tyres	235/75 R 17,5"	235/75 R 17,5"	235/75 R 17,5"

Equipment

Technical data





- Base plate profiled in longitudinal direction
- High torsional rigidity
- Designed for high wheel loads
- Weight optimisation, as there is no need for additional reinforcements

- Unique inside width: **2,050 mm**
- Unique on the market

- Low-maintenance leaf spring assembly
- With axle load compensation as standard
- Spring saddles with wear bushings

- Integrated air reservoirs (integrated in the frame)
- Axles from leading **European** manufacturers
- Tidy axle area, no protruding lines
- Optimal ground clearance, ideal for construction sites

- ALB regulator optimally protected
- Dual-line brake system in accordance with EC regulations
- ABS as standard
- Two non-interchangeable coupling heads
- Parking brake



- Connection lines protected due to routing in the traction bar
- Traction bar linkage far below the load surface
- Tested size 40 drawbar eye with very low angled position
- Traction bar height-adjustable via spindle

- Telescoping support foot at the front
- Telescoping rear support

- Handles on ramps for optimum handling

- 4 pairs of lashing lugs in the floor as standard

- 24 V electrics
- Lighting compliant with EC regulations
- Optimally protected light clusters
- Two 7-pin non-interchangeable connectors with connecting cable

- Load-Lock profile in the side walls as standard
- Bolted ramp retainer

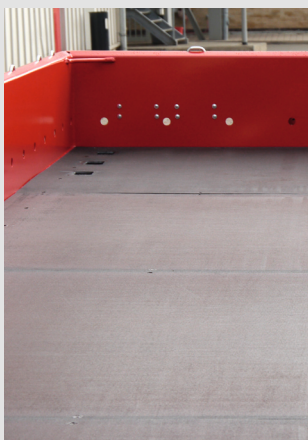
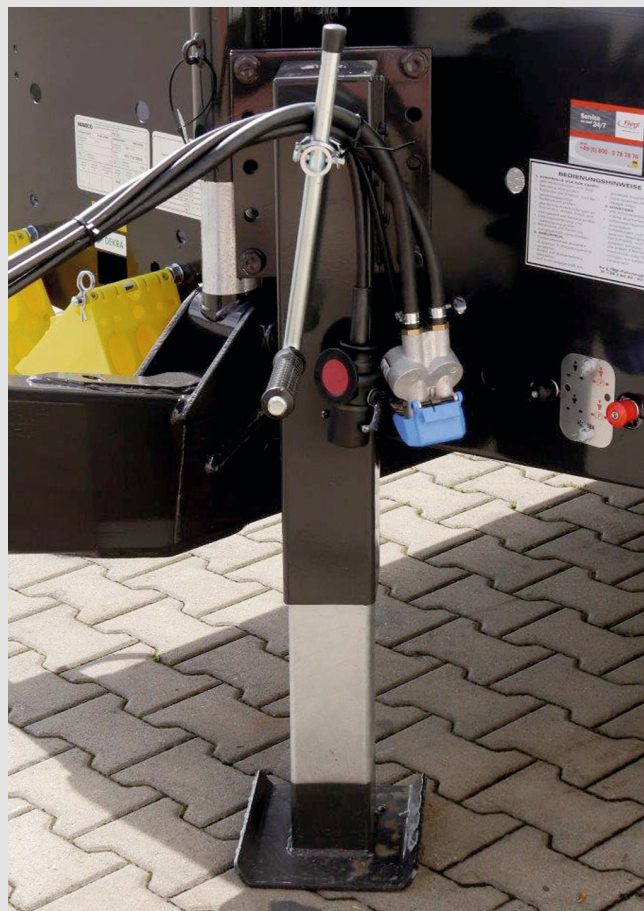
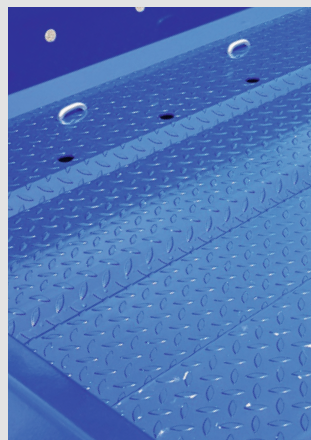
- One-piece steel ramps with timber surface
- Non-slip, aerodynamic and hot-dip galvanised
- Laterally adjustable
- Gas pressure jack for one-man operation



Options*

- Third ramp for three-wheeled vehicles
- One-piece ramp 2,300 mm long, 2,000 mm wide, with grating surface, operated hydraulically via truck PTO
- Electrical assembly for one-piece ramp (Nato connector on truck required)
- Steel ramp with 3 interlocking steel rails each
- Version without drive-up ramps and ramp shaft; instead, with plug-in rear panel, 400 mm high
- Rear panel can be plugged in between the ramps

* Available for a surcharge.

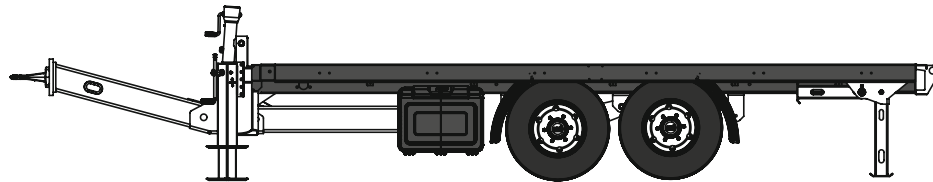


- Lashing lugs bolted to side wall
- Lashing lugs embedded in the floor
- Body length 5,500 mm
- Bridge length 6,000 mm
- Coated plywood, 15 mm thick, bolted to steel floor

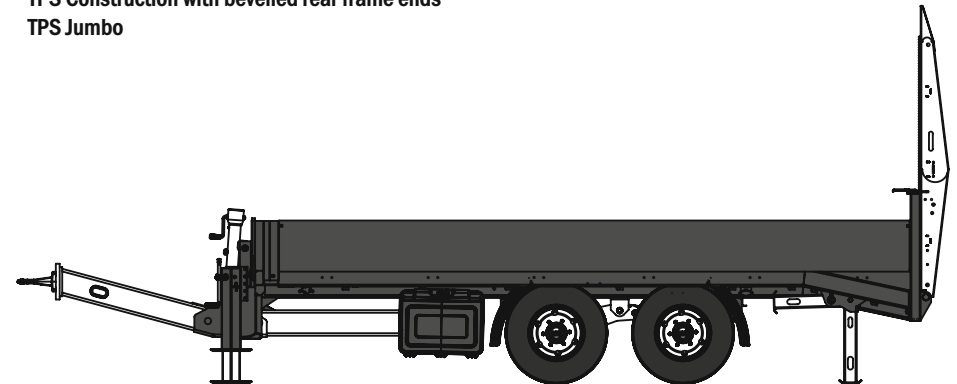
- Gear support foot at the front

- Support frame on traction bar, height-adjustable, with support bracket for milling belt at the top
- Support for excavator scoop etc. on the bulkhead
- Spare wheel with steel rim – as basic tyres
- Steel storage box on load surface over entire width at the front, with lockable cover

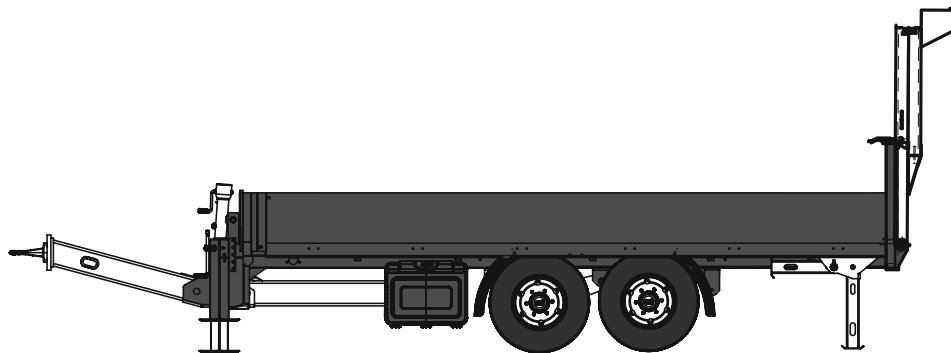
TPS Construction



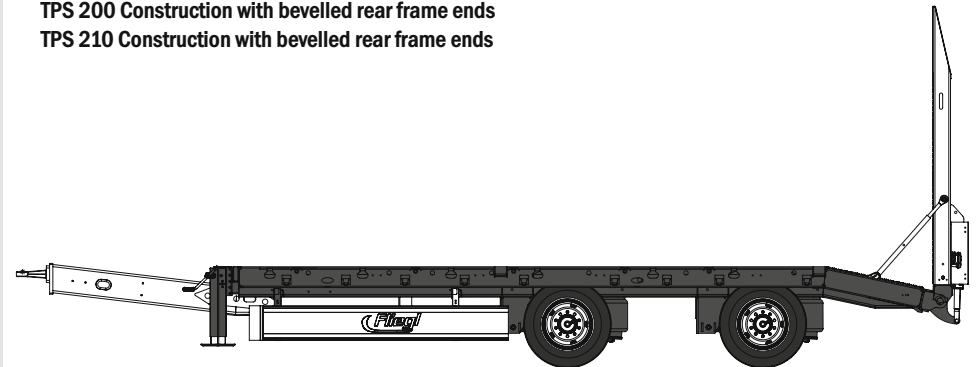
TPS Construction with bevelled rear frame ends
TPS Jumbo



Standard TPS Construction



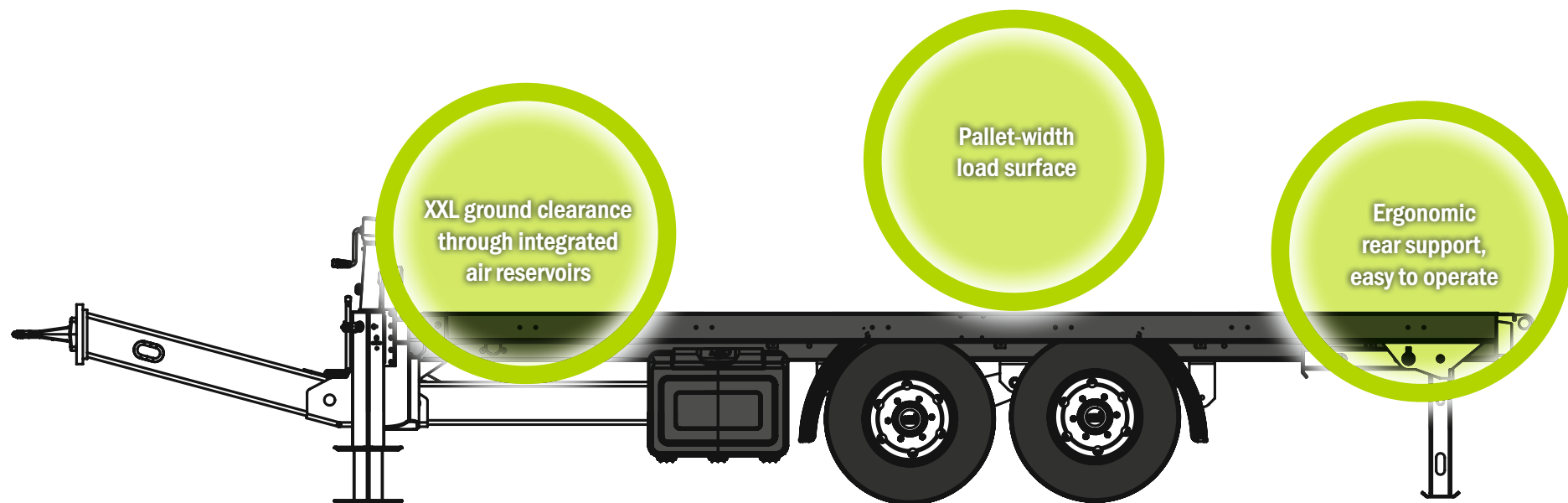
TPS 180 Construction with bevelled rear frame ends
TPS 200 Construction with bevelled rear frame ends
TPS 210 Construction with bevelled rear frame ends



TPS tandem platform trailer

- **Robust and stable**
- Various loading lengths
- XXL ground clearance
- **Height-adjustable** traction bar
- Connection lines **protected** due to routing in the drawbar
- **Pallet-width** load surface
- Stable, ergonomic **rear support**, easy to operate
- Comprehensive range of **load securing options**





TPS tandem construction platform trailer

- Variable and highly versatile
- Comprehensive range of configuration options
- Pallet-width load surface
- 6 pairs of lashing lugs bolted in the outer frame as standard

Axles and springs

Euro axles with taper roller bearings and S-cam brake, low-maintenance leaf spring assembly with axle load compensation

Frame

Welded fine-grain steel construction

Support

Support foot

Draw gear

Height-adjustable traction bar with tested size 40 drawbar eye

Brake system

Dual-line brake system in accordance with EC regulations, ABS, 2 non-interchangeable coupling heads, spring type parking brake, with connecting cable

Electrics

24 V, light clusters, 2 x 7-pin non-interchangeable connectors with connecting cable, lighting compliant with EC regulations

Bridge

Floor made from sturdy 4-mm steel chequer plate, 6 pairs of lashing lugs bolted in the side of the floor of the outer frame

Paint

Frame sand-blasted, primed and with finish coat in 2-component/HS acrylic varnish, frame in DB nova grey, rims factory silver

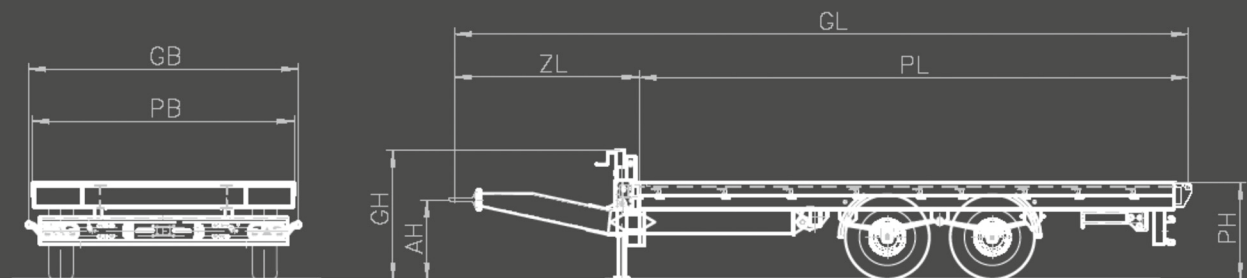
Miscellaneous

Underride guard, wheel chocks with holder, plastic mudguards, DEKRA approval with report

TECHNICAL DATA	TPS 89 Construction	TPS 100 Construction	TPS 118 Construction	TPS 119 Construction	TPS 140 Construction
Permissible total weight in kg	8,900	10,500	11,800	11,900	14,400
Of which drawbar load in kg	500	700	900	1,000	1,000
Empty weight in kg	2,300	2,300	2,300	2,300	3,000
Payload in kg	6,600	8,200	9,500	9,600	11,400
Platform length PL in mm	5,200	5,200	5,200	5,200	5,200
Platform width PW in mm	2,480	2,480	2,480	2,480	2,480
Total length TL in mm	7,100	7,100	7,100	7,100	7,100
Total width TW in mm	2,550	2,550	2,550	2,550	2,550
Platform height PH in mm	910	910	910	910	900
Coupling height CH in mm	800	800	800	800	800
Traction bar length TBL in mm	1,750	1,750	1,750	1,750	1,750
Single tyres	235/75 R17,5"	235/75 R17,5"	235/75 R17,5"	235/75 R17,5"	235/75 R 17,5"
					Zwilling

Equipment

Technical data





Standard TPS tandem construction platform trailer

- **Practical** configuration
- For flexible transport of both **construction materials** and **construction machinery**
- **Pallet-width** load surface
- XXL ground clearance

Axles and springs

Euro axles with taper roller bearings and S-cam brake, low-maintenance leaf spring assembly with axle load compensation

Frame

Welded fine-grain steel construction

Support

Support foot, folding rear support

Draw gear

Height-adjustable traction bar with tested size 40 drawbar eye

Brake system

Dual-line brake system in accordance with EC regulations, ABS, 2 non-interchangeable coupling heads, spring type parking brake, with connecting cable

Electrics

24 V, light clusters, 2 x 7-pin non-interchangeable connectors with connecting cable, lighting compliant with EC regulations

Bridge

4-mm steel sheet floor, aluminium side panel at the front, foldable and removable aluminium side panels, 6 pairs of lashing lugs, each with 3,000 daN, bolted in the floor at the side

Ramps

Divided steel ramps, with timber surfaces, laterally adjustable and with gas pressure jacks for one-man operation

Paint

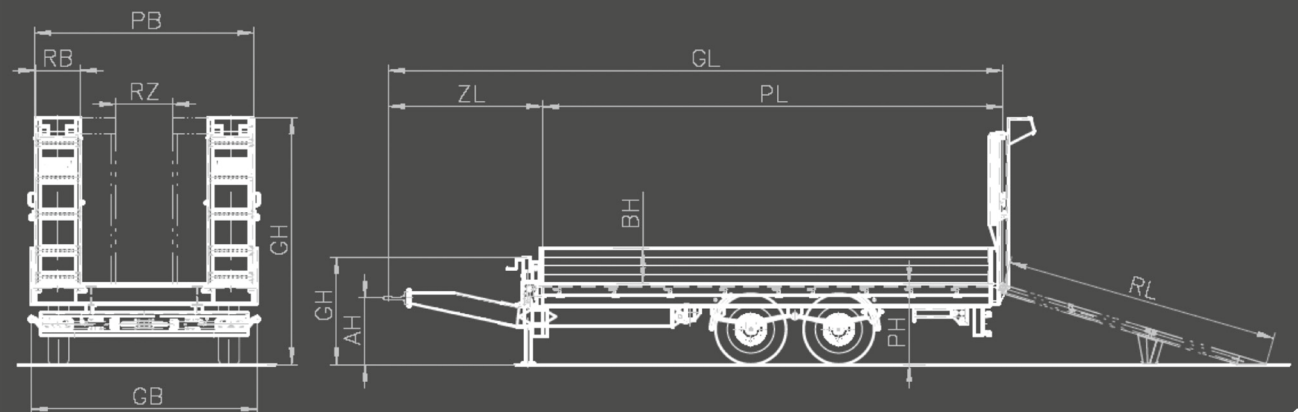
Frame sand-blasted, primed and with finish coat in 2-component/HS acrylic varnish, frame in DB nova grey, anodised aluminium side panels, ramps hot-dip galvanised, rims factory silver

Miscellaneous

Underride guard, wheel chocks with holder, plastic mudguards, DEKRA approval with report

TECHNICAL DATA	Standard TPS 89	Standard TPS 100	Standard TPS 118	Standard TPS 119
	Construction	Construction	Construction	Construction
Permissible total weight in kg	8,900	10,500	11,800	11,900
Of which drawbar load in kg	500	700	900	1,000
Empty weight in kg	2,550	2,550	2,550	2,550
Payload in kg	6,350	7,950	9,250	9,350
Platform length PL in mm	5,200	5,200	5,200	5,200
Platform width PW in mm	2,480	2,480	2,480	2,480
Side panel height SPH in mm	400	400	400	400
Total length TL in mm	7,400	7,400	7,400	7,400
Total width TW in mm	2,550	2,550	2,550	2,550
Total height TH in mm	2,900	2,900	2,900	2,900
Platform height PH in mm	910	910	910	910
Coupling height CH in mm	800	800	800	800
Traction bar length TBL in mm	1,750	1,750	1,750	1,750
Ramp length RL in mm	3,100	3,100	3,100	3,100
Ramp width RW in mm	510	510	510	510
Ramp spacing RS in mm	640	640	640	640
Drive-up angle in degrees	16	16	16	16
Single tyres	235/75 R17,5"	235/75 R17,5"	235/75 R17,5"	235/75 R17,5"

Equipment Technical data





TPS tandem construction platform trailer with bevelled rear frame ends

- For flexible transport of a **wide range of construction machinery**
- **Sturdy frame** with high point load
- **Rear frame ends bevelled** over 900 mm
- For a particularly **flat drive-up angle**

Axles and springs

Euro axles with taper roller bearings and S-cam brake, low-maintenance leaf spring assembly with axle load compensation

Frame

Welded fine-grain steel construction

Support

Support foot, folding rear support

Draw gear

Height-adjustable traction bar with tested size 40 drawbar eye

Brake system

Dual-line brake system in accordance with EC regulations, ABS, 2 non-interchangeable coupling heads, spring type parking brake, with connecting cable

Electrics

24 V, light clusters, 2 x 7-pin non-interchangeable connectors with connecting cable, lighting compliant with EC regulations

Bridge

4-mm steel sheet floor, rear frame ends bevelled over approx. 900 mm, aluminium side panel at the front, foldable and removable aluminium side panels, 6 pairs of lashing lugs, each with 3,000 daN, bolted in the floor at the side

Ramps

Steel ramps, with timber surfaces, laterally adjustable, with gas pressure jacks for one-man operation

Paint

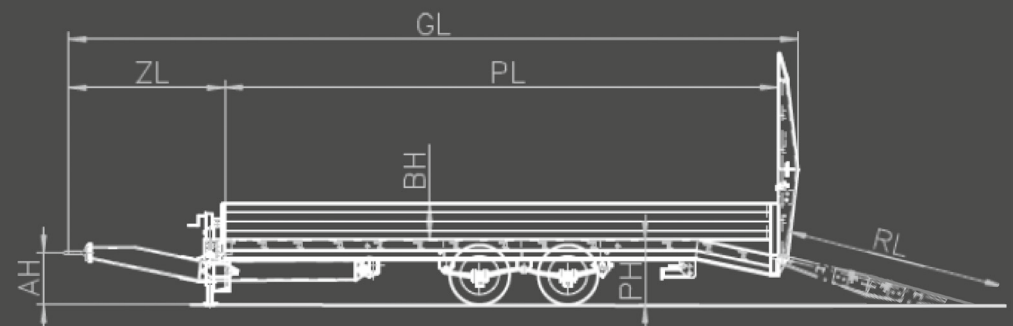
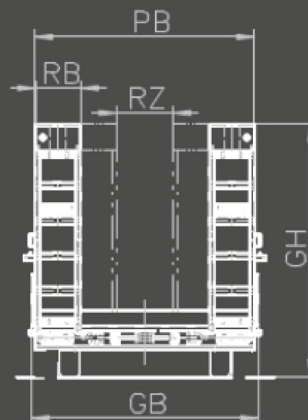
Frame sand-blasted, primed and with finish coat in 2-component/HS acrylic varnish, frame in DB 7350 nova grey, anodised aluminium side panels, ramps hot-dip galvanised, rims factory silver

Miscellaneous

Underride guard, wheel chocks with holder, plastic mudguards, DEKRA approval with report

TECHNICAL DATA	TPS 89 Construction	TPS 100 Construction	TPS 118 Construction	TPS 119 Construction	TPS 140 Construction
	with bevelled rear frame ends	with bevelled rear frame ends	with bevelled rear frame ends	with bevelled rear frame ends	with bevelled rear frame ends
Permissible total weight in kg	8,900	10,500	11,800	11,900	14,400
Of which drawbar load in kg	500	700	900	1,000	1,000
Empty weight in kg	2,550	2,550	2,550	2,550	3,100
Payload in kg	6,350	7,950	9,250	9,350	11,350
Platform length PL in mm	5,200	5,200	5,200	5,200	5,200
Platform width PW in mm	2,480	2,480	2,480	2,480	2,480
Side panel height SPH in mm	400	400	400	400	400
Total length TL in mm	7,200	7,200	7,200	7,200	7,200
Total width TW in mm	2,550	2,550	2,550	2,550	2,550
Total height TH in mm	3,000	3,000	3,000	3,000	3,000
Platform height PH in mm	910	910	910	910	910
Coupling height CH in mm	800	800	800	800	800
Traction bar length TBL in mm	1,750	1,750	1,750	1,750	1,750
Ramp length RL in mm	2,300	2,300	2,300	2,300	2,300
Ramp width RW in mm	510	510	510	510	510
Ramp spacing RS in mm	640	640	640	640	640
Drive-up angle in degrees	16	16	16	16	16
Single tyres	235/75 R17,5"	235/75 R17,5"	235/75 R17,5"	235/75 R17,5"	235/75 R 17,5"
					Twin tyres

Equipment Technical data





TPS Jumbo tandem platform trailer

- For flexible transport of **large construction machinery**
- **Rear frame ends bevelled** over 900 mm
- Low loading height and **flat drive-up angle**
- **Twin tyres** for the toughest applications

Axles and springs

Euro axles with taper roller bearings and S-cam brake, low-maintenance leaf spring assembly with axle load compensation

Frame

Welded fine-grain steel construction

Support

Support foot, folding rear support

Draw gear

Height-adjustable traction bar with tested size 40 drawbar eye

Brake system

Dual-line brake system in accordance with EC regulations, ABS, 2 non-interchangeable coupling heads, spring type parking brake, with connecting cable

Electrics

24 V, light clusters, 2 x 7-pin non-interchangeable connectors with connecting cable, lighting compliant with EC regulations

Bridge

4-mm steel sheet floor, rear frame ends bevelled over approx. 900 mm, aluminium side panel at the front, foldable and removable aluminium side panels, 6 pairs of lashing lugs, 3,000 daN, bolted in the floor at the side

Ramps

Steel ramps, with timber surfaces, laterally adjustable and with gas pressure jacks for one-man operation

Paint

Frame sand-blasted, primed and with finish coat in 2-component/HS acrylic varnish, frame in DB 7350 nova grey, anodised aluminium side panels, ramps hot-dip galvanised, rims factory silver

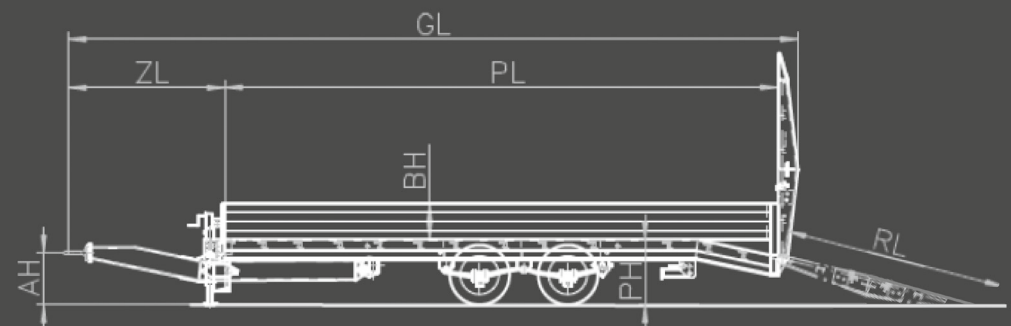
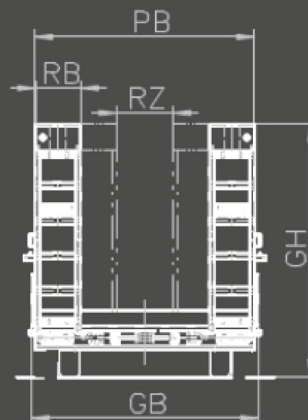
Miscellaneous

Underride guard, wheel chocks with holder, plastic mudguards, DEKRA approval with report

TECHNICAL DATA	TPS Jumbo 118	TPS Jumbo 140
Permissible total weight in kg	11,800	14,400
Of which drawbar load in kg	900	1,000
Empty weight in kg	3,050	3,100
Payload in kg	8,250	11,300
Platform length PL in mm	5,200	5,200
Platform width PW in mm	2,480	2,480
Side panel height SPH in mm	400	400
Total length TL in mm	7,200	7,200
Total width TW in mm	2,550	2,550
Total height TH in mm	2,900	2,900
Platform height PH in mm	880	880
Coupling height CH in mm	750	750
Traction bar length TBL in mm	1,750	1,750
Ramp length RL in mm	2,300	2,300
Ramp width RW in mm	510	510
Ramp spacing RS in mm	640	640
Drive-up angle in degrees	15	15
Twin tyres	205/65 R17,5"	205/65 R17,5"

Equipment

Technical data





TPS 210

tandem construction platform trailer

- Under 5,000 kg unladen weight
- More than 13,000 kg payload
- Low loading height: only 900 mm
- High point loads thanks to reinforced load surface
- Foldable rear support for maximum stability during loading and unloading
- 900 mm rear support
- Universal use in construction, gardening and landscaping and municipal applications

Axles and springs

Euro axles with taper roller bearings and S-cam brake, air suspension with raising and lowering valve

Frame

Welded fine-grain steel construction, 5 pairs of stanchion pockets recessed in outer frame, internal dimensions 70 x 40 mm, convertible into lashing lugs 5,000 daN, 7 pairs of lashing knobs recessed in the outer frame at the top and on the side, 10,000 daN each (cannot be used in combination with side walls), wheel chocks with holder, steel underride guard, aluminium side impact protection, splash guards

Support

Gear support foot at the front, folding rear support

Draw gear

Traction bar with tested size 50 drawbar eye

Brake system

Dual-line compressed air brake system compliant with EC regulations, spring type parking brake, 2 non-interchangeable coupling heads at front, with connecting lines to towing vehicle, electronic brake system with EBS connector at front, with connecting cable, axle load detection via EBS CAN bus signal via display in cab (truck requires corresponding preparation)

Electrics

24-volt light clusters, side yellow LED lighting, 2 white front position lights, 2 white/red rear tracking lights, 2 x 7-pin non-interchangeable front connectors, with connecting cables

Bridge

Low bed with 70-mm softwood floor with steel chequer plate in wheel arch area, rear frame ends bevelled over approx. 900 mm, with timber surface

Drive-on ramps

Steel ramps, 2,800 mm long, 750 mm wide, laterally adjustable, with timber surface

Paint

Frame sand-blasted, primed and with finish coat in 2-component/HS acrylic varnish, frame in DB nova grey, rims factory silver, ramps hot-dip galvanised

Miscellaneous

Underride guard, wheel chocks with holder, plastic mudguards,

Operating information

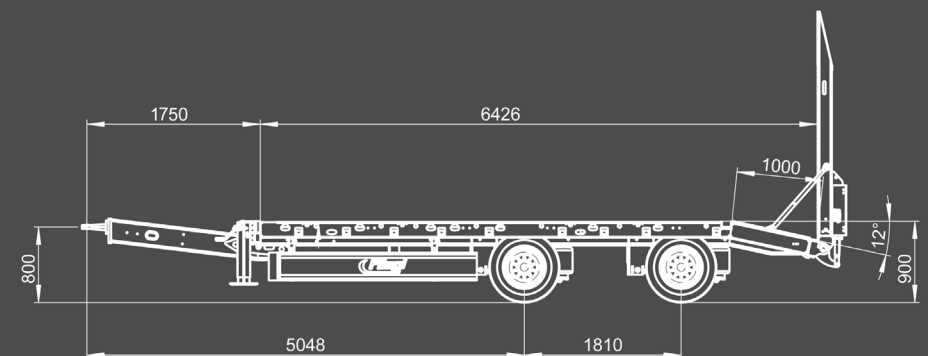
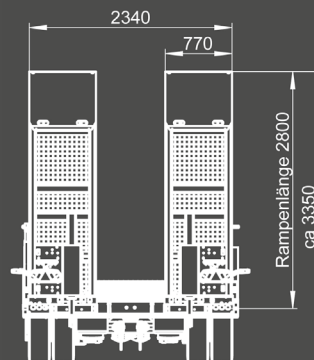
Exemption certificate required when exceeding a total train weight of 40 t. Special approval is required with a 10,000 kg axle load. Approval must be applied for separately in each federal state. Legislators need give no commitment for 21 t total weight. The specified total weight is technically possible but, depending on the loaded material, may not be achievable when adhering to the permitted axle, drawbar and vertical loads. Exemption certificate required when exceeding a combined vehicle length of 18,750 mm. Observe country-specific licensing regulations.

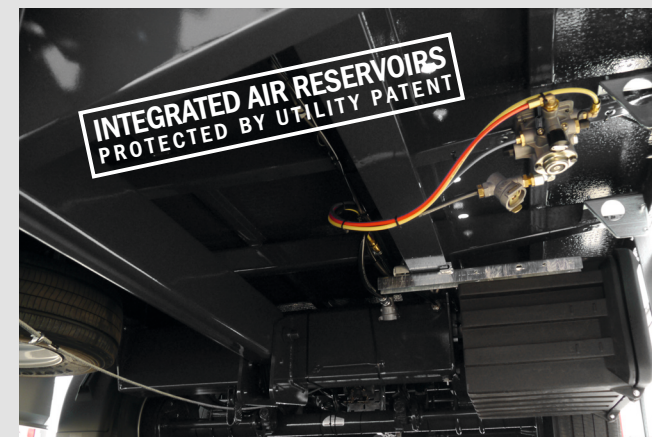
Registration/signs

Country of registration: Germany, with DEKRA approval and report, prepared for one-line number plate holders, contour marking with reflective strips to ECE R 048, white at the side, red at the rear

TECHNICAL DATA	TPS 180 Construction	TPS 200 Construction	TPS 210 Construction
Permissible total weight in kg	18,000	20,000	21,000
Of which drawbar load in kg	1,000	1,000	1,000
Empty weight in kg	4,950	4,950	4,950
Payload in kg	13,050	15,050	16,050
Platform length PL in mm	6,500	6,500	6,500
Platform width PW in mm	2,520	2,520	2,520
Total length TL in mm	8,400	8,400	8,500
Total width TW in mm	2,550	2,550	2,550
Total height TH in mm	3,350	3,350	3,350
Platform height PH in mm	900	900	900
Coupling height CH in mm	800	800	800
Traction bar length TBL in mm	1,750	1,750	1,750
Ramp length RL in mm	2,800	2,800	2,800
Ramp width RW in mm	750	750	750
Ramp spacing RS in mm	600	640	640
Twin tyres	235/75 R17,5	235/75 R17,5	235/75 R17,5

Equipment Technical data



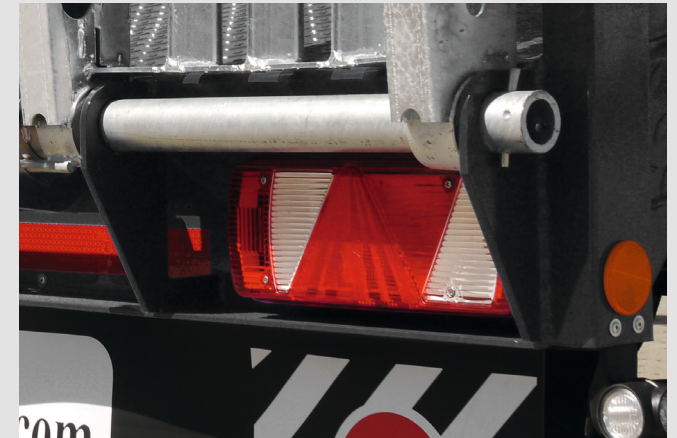
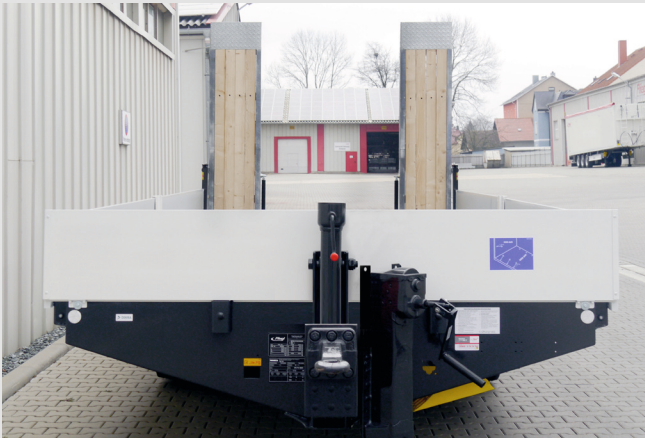
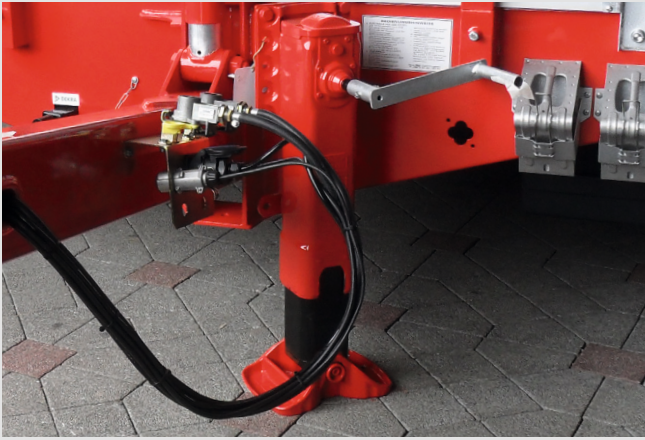


- Frame: welded fine-grain steel construction
- Supporting beams for load-bearing capacity in longitudinal direction
- Steel chequer plate floor for high point loads
- As standard: frame painted

- Rear frame ends bevelled over approx. 900 mm (depending on type and version)
- Particularly flat drive-up angle for construction machinery with little ground clearance
- 4-mm steel chequer plate floor (not on TPS 210 Construction)
- Connection lines protected due to routing in the traction bar
- Traction bar linkage far below the load surface
- Individually bolted, tested size 40 drawbar eye with very low angled position (depending on type and version)
- Traction bar with triple attachment option (up to TPS 140 Construction)
- Manual spindle parking brake, bolted – for easy replacement

- Additional integrated air reservoir (integrated in the frame)
- 10 year warranty against rust
- ALB regulator optimally protected
- Dual-line brake system in accordance with EC regulations
- ABS as standard
- Two non-interchangeable coupling heads

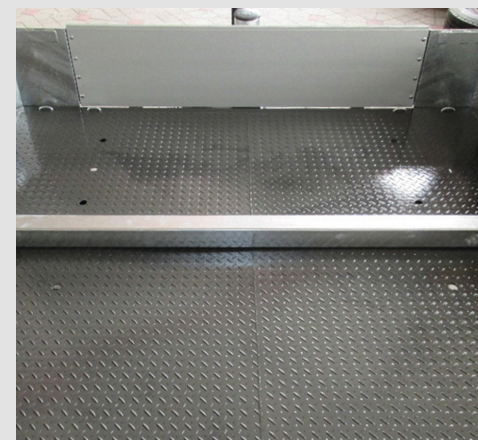
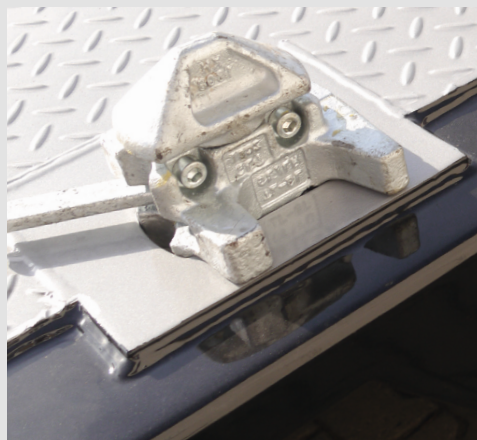
- Axles from leading manufacturers
- Tidy axle area, no protruding lines
- Optimal ground clearance
- Ideal for construction sites



- Gear support foot at the front
- Bulkhead TPS Construction 89-135

- Rear support positioned on the far outside
- Easy operation by hand or foot
- Gas pressure jack for convenient one-man operation
- Ramps laterally adjustable
- Bolted ramp retainer

- Floor made from sturdy 4-mm steel chequer plate for high point loads
- As standard: 6 pairs of lashing lugs en (3 t traction force each) in the floor
- 24 V electrics
- Lighting compliant with EC regulations
- Optimally protected light clusters
- Two 7-pin non-interchangeable connectors with connecting cable



Options* TPS

- Bolted lashing lugs, permissible tensile force: 5,000 daN
- Lashing knobs, permissible tensile force: 10,000 daN
- Container locks
- Spare wheel holder with spare wheel
- Support block on bulkhead, for excavator scoop or excavator arm
- Retaining plate for hose connections
- Stop bar on the floor

* Available for a surcharge.



Ramps for TPS

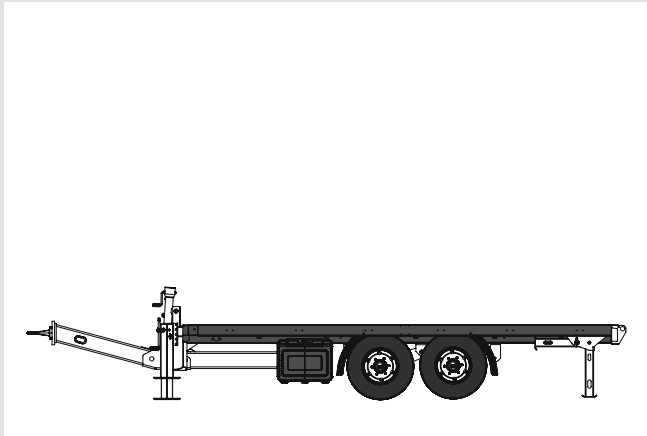
- Divided ramp, 3,100 x 510 mm, with timber or Mega Grip surface

- One-piece ramp, 2,800 x 750 mm, with timber surface

- One-piece ramp, 2,800 x 750 mm, with Mega Grip surface

- One-piece ramp, 2,300 x 510 mm, with 3 interlocking steel rails

- One-piece ramp, 2,300 x 510 mm, with timber surface

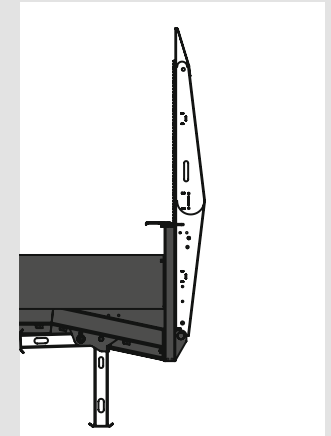
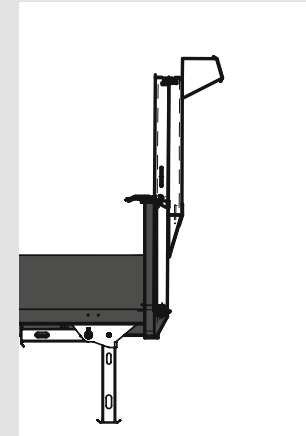


Suspension

- Air suspension with raising and lowering, EBS

Body

- Bridge length 6,200 mm
- Bridge length: 7,300 mm
- 2 pairs of container locks
- Aluminium side panels on all sides, made from 25 mm hollow profile, 400 mm high
- Aluminium side panels on all sides, made from 25 mm hollow profile, 700 mm high
- Body bevelled at the rear over approx. 900 mm
- Track reinforcement for asphalt milling machines and construction machinery with high wheel loads
- 1 pair of additional lashing lugs, bolted in the floor on the outside, 3,000 daN tensile force
- Bridge floor made from coated plywood, approx. 30 mm thick
- Support for excavator scoop etc on the bulkhead
- Stanchion pockets
- Side posts
- Warning package comprising beacon light and warning sign
- Storage box made from plastic or stainless steel



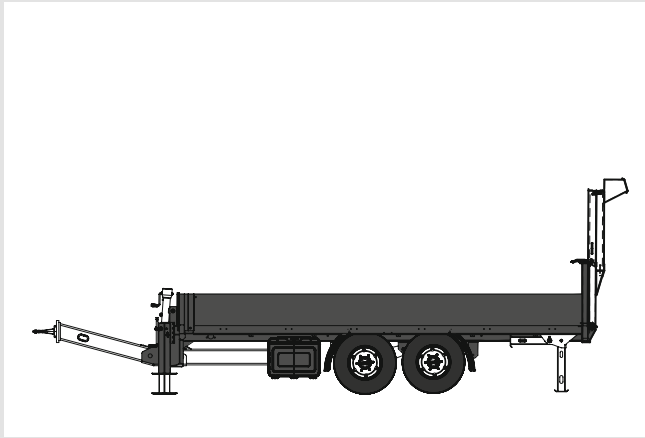
Ramps

- Lockable storage space for ramps
- Ramps 3,000 mm long, 360 mm wide, lifting capacity per pair 4 t
- Ramps 3,000 mm long, 360 mm wide, lifting capacity per pair 6 t
- Ramps 3,000 mm long, 360 mm wide, lifting capacity per pair 8 t
- 2 steel ramps, 2,300 mm long, 500 mm wide, with timber or grating surface, with gas pressure jack support, in combination with bevelled rear frame ends
- 2 steel ramps, 3,100 mm long, 500 mm wide, with timber or grating surface, with gas pressure jack support
- Third ramp, steel, divided, with timber or grating surface, with gas pressure jack support

Options*

TPS Construction

* Available for a surcharge.

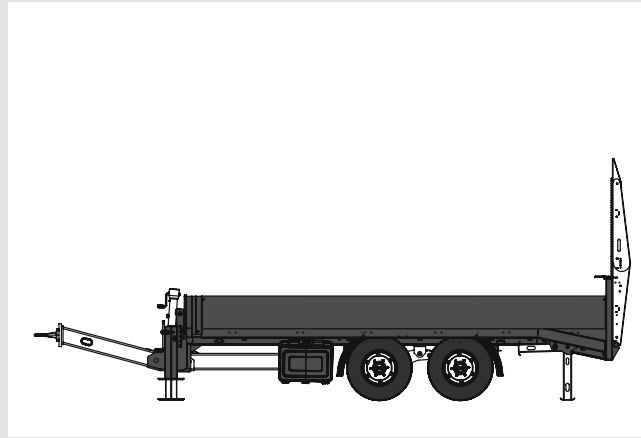


Body

- Bridge length 6,200 mm
- Bridge length 7,300 mm
- Warning package comprising beacon light and warning sign
- Storage box made from plastic or stainless steel ramps

Ramps

- 400 mm coated plywood plate can be mounted between the ramps
- Ramps with Mega Grip instead of timber
- Third ramp with ramp lift

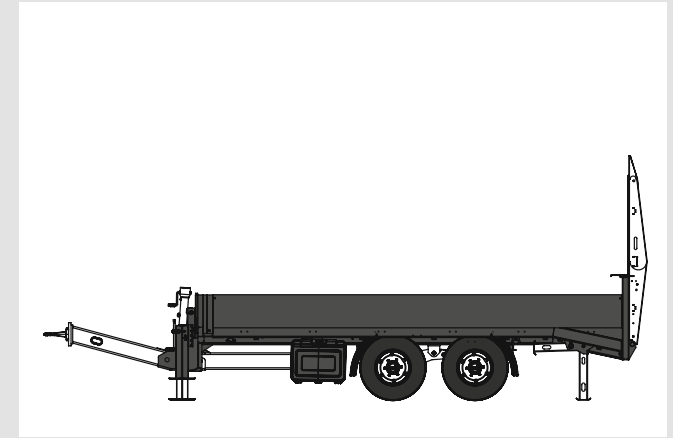


Body

- Bridge length 6,200 mm
- Bridge length 7,300 mm
- Warning package comprising beacon light and warning sign
- Storage box made from plastic or stainless steel ramps

Ramps

- 400 mm coated plywood plate can be mounted between the ramps
- Ramps with 3 interlocking steel rails instead of timber
- Third ramp with ramp lift



Body

- Bridge length 7,300 mm
- Width extension to 3,000 mm
- Side panels can be plugged in as far as the bevelled rear section
- Container locks
- Stanchion pockets
- Side posts

- Warning package comprising beacon light and warning sign
- Storage box made from plastic or stainless steel ramps

Ramps

- Ramps with Mega Grip surface
- Hydraulic ramps

Options*

Standard TPS Construction

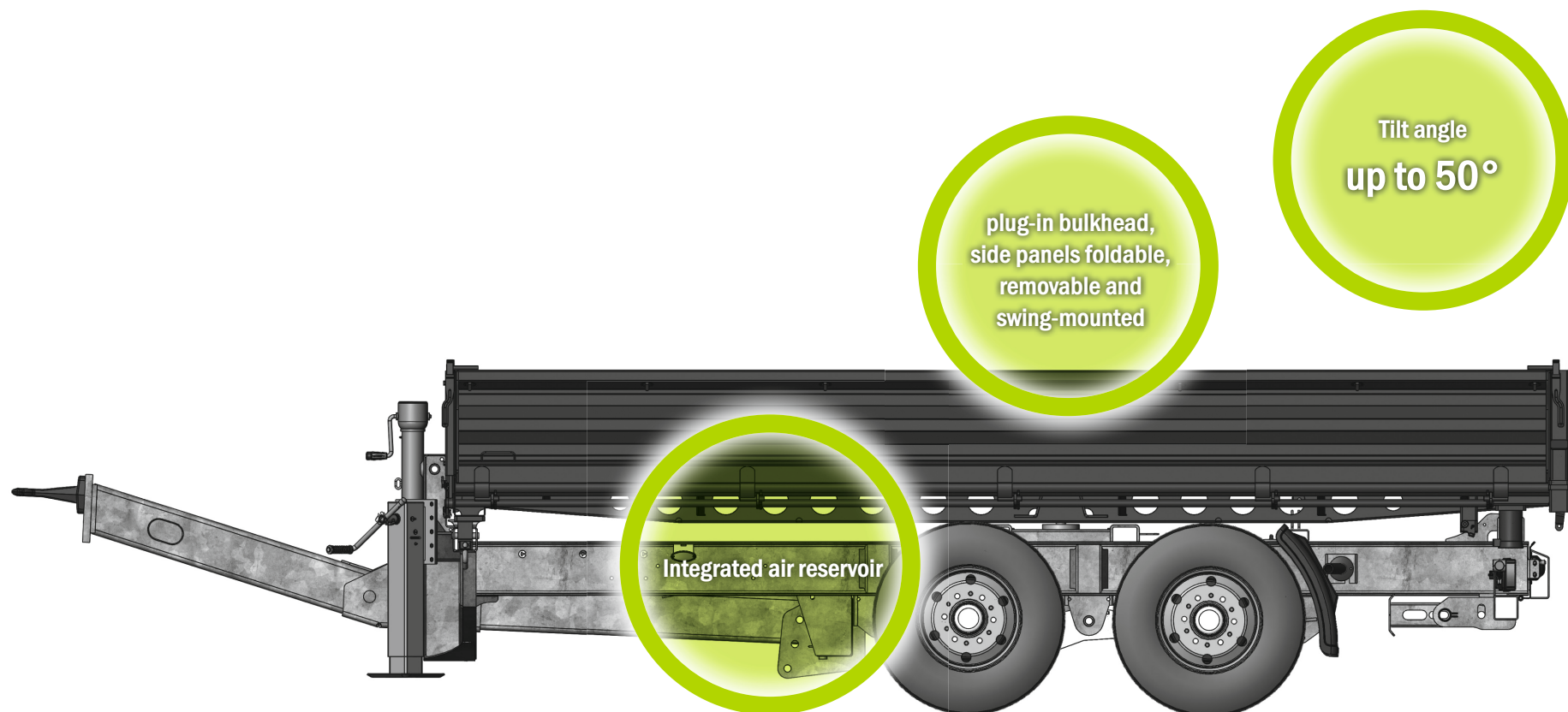
Options*

TPS Construction with bevelled rear frame ends and TPS Jumbo

Options*

TPS 180 Construction TPS 210 Construction

* Available for a surcharge.



Tandem three-way dump trailer TSK

- Sturdy floor
- Tilt angle: **47° to the rear** and **50° to the side**
- **Wide range of lashing options** in floor and side panels
- For the transport of **excavators and construction machinery**
- **Swing-mounted combination rear panel** available as an option

Axles and springs

Axles with taper roller bearings and S-cam brake, low-maintenance leaf spring assembly with axle load compensation

Frame

Welded fine-grain steel construction

Support

Support foot

Draw gear

Height-adjustable traction bar with tested size 40 drawbar eye

Brake system

Dual-line brake system in accordance with EC regulations, ABS, 2 non-interchangeable coupling heads, parking brake, with connecting cable

Electrics

24 V, light clusters, 2 x 7-pin non-interchangeable connectors with connecting cable, lighting compliant with EC regulations

Bridge

4-mm steel sheet floor, rocking ball bearing at the rear Ø 80 mm, steel side panels foldable and swing-mounted, central locking on 3 sides, 5 pairs of lashing lugs, 5,000 daN, recessed in the floor on the outside

Hydraulics

Three-way tipping mechanism, hydraulic multi-piston press with stroke arrester and safety ropes, SVK plug-in coupling

Paint

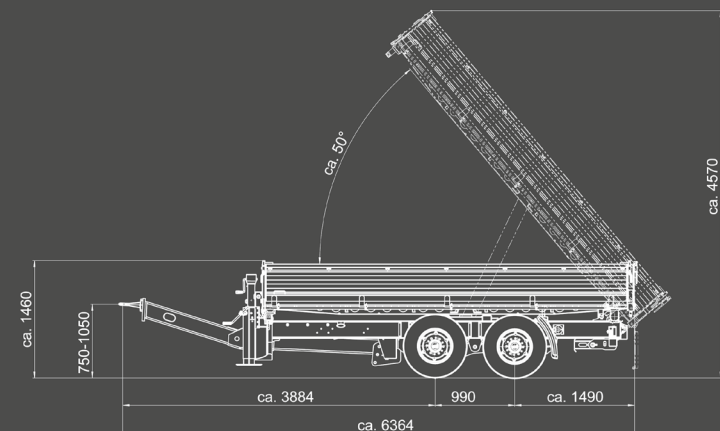
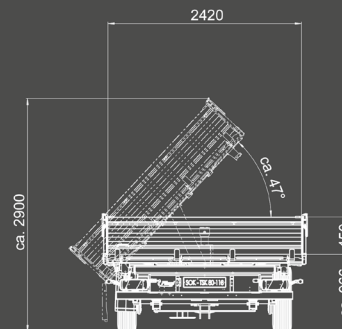
Frame hot-dip galvanised, bridge and side panels in RAL 3002 red, rims factory silver

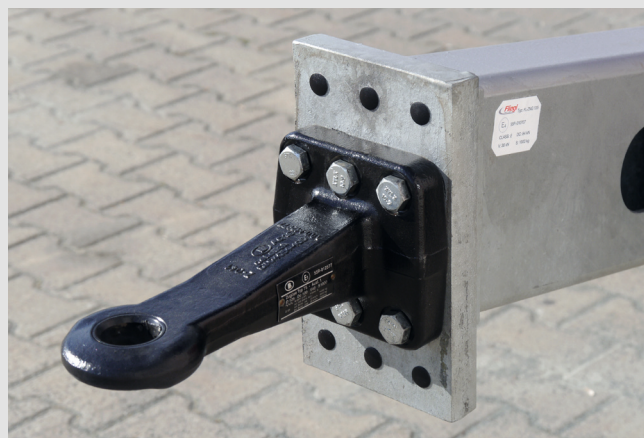
Miscellaneous

Wheel chocks with holder, plastic mudguards, DEKRA approval with report

TECHNICAL DATA	TSK 89	TSK 100	TSK 118	TSK 140
Permissible total weight in kg	8,900	10,500	11,800	14,400
Of which drawbar load in kg	500	700	900	1,000
Empty weight in kg	2,750	2,750	2,750	3,200
Payload in kg	6,150	7,750	9,050	11,200
Platform length PL in mm	4,500	4,500	4,500	4,500
Platform width PB in mm	2,420	2,420	2,420	2,420
Side panel height SPH in mm	450	450	450	450
Total length TL in mm	6,400	6,400	6,400	6,400
Total width TW in mm	2,550	2,550	2,550	2,550
Total height TH in mm	1,455	1,455	1,455	1,580
Platform height PH in mm	950	950	950	1,080
Coupling height CH in mm	800	800	800	800
Traction bar length TBL in mm	1,750	1,750	1,750	1,750
Tilt angle side/rear in degrees	50/47	50/47	50/47	50/47
Single tyres	235/75 R17,5"	235/75 R17,5"	235/75 R17,5"	285/70 R19,5"

Equipment Technical data





- High stability through longitudinal and transverse reinforcement beams
- Sheet steel floor, 4 mm thick
- Steel side panels foldable and swing-mounted
- Tight-sealing swing-mounted side panel

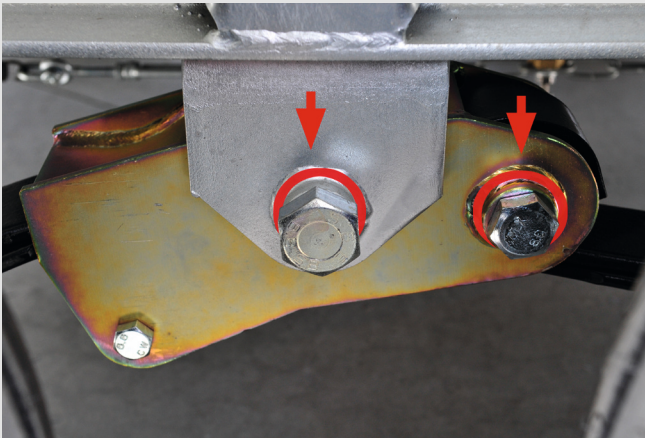
- Continuous tipping shaft at the rear – for excellent stability
- 80-mm rocking ball bearing
- Far higher stability than with individually mounted tip bearings

- Connection lines protected due to routing in the traction bar
- Traction bar linkage far below the load surface
- Traction bar with triple attachment option
- Height adjustment via spindle

- Tested size 40 drawbar eye

- Additional integrated air reservoir (integrated in the frame)
- 15 year warranty against rust

- Axles from **European** manufacturers
- Tidy axle area
- No protruding lines
- Optimal ground clearance
- Ideal for construction sites



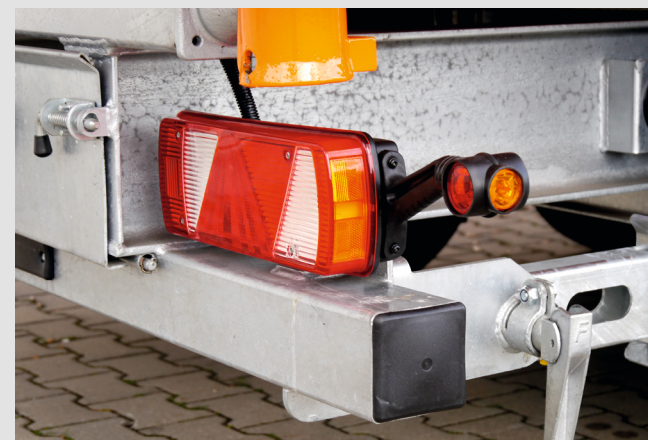
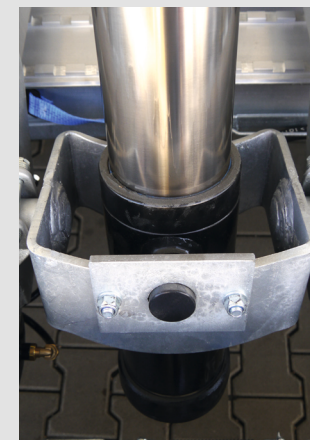
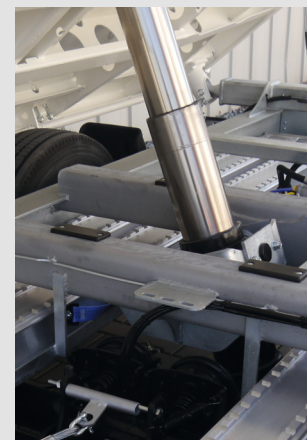
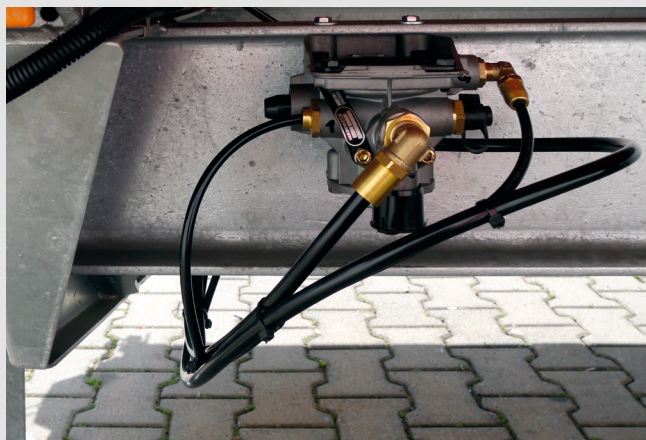
- Low-maintenance leaf spring assembly
- With axle load compensation as standard
- Spring saddles with wear bushings



- Support foot at the front



- Tipper body with central locking on three sides as standard
- Easy handling
- Considerable time-saving on construction sites
- Tight-sealing swing-mounted side panel
- Side panel attachment can be completely removed



- Ramp retainer in U-profile
- Adjustment possible over entire width

- 5 pairs of lashing lugs (5 t tensile force each) countersunk in the floor as standard

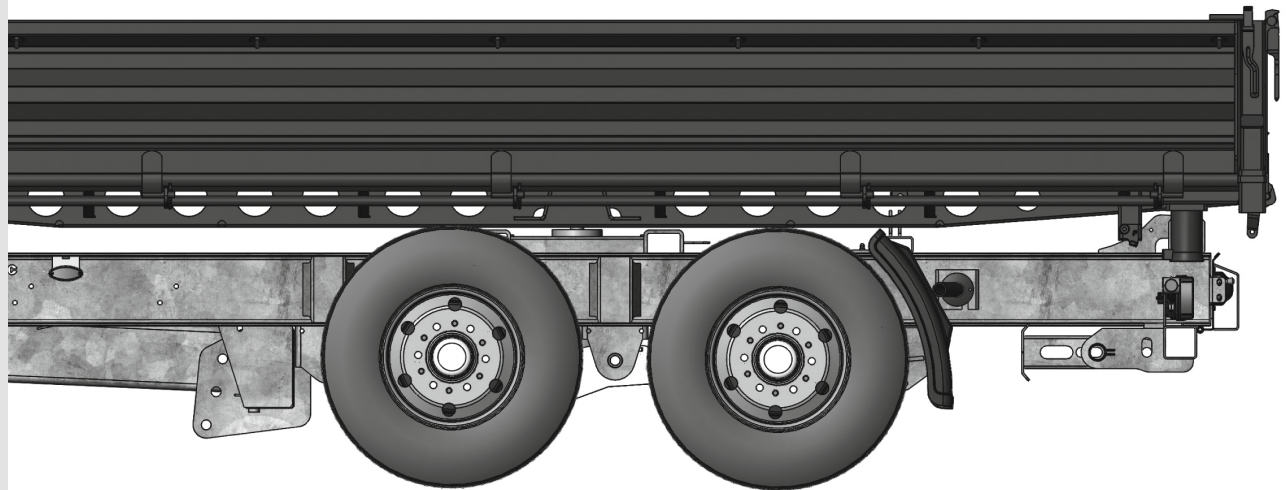
- ALB regulator in optimally protected position

- Dual-line brake system in accordance with EC regulations
- ABS
- Two non-interchangeable coupling heads
- Manual spindle parking brake, bolted – for easy replacement

- Low pressure tipping cylinder, max. 170 bar
- Three-way tipping mechanism
- Hydraulic multi-piston press with stroke arrester and safety ropes
- SVK plug-in coupling

- 24 V electrics
- Lighting compliant with EC regulations
- Optimally protected light clusters
- Two 7-pin non-interchangeable connectors with connecting cable

< + 500 mm >



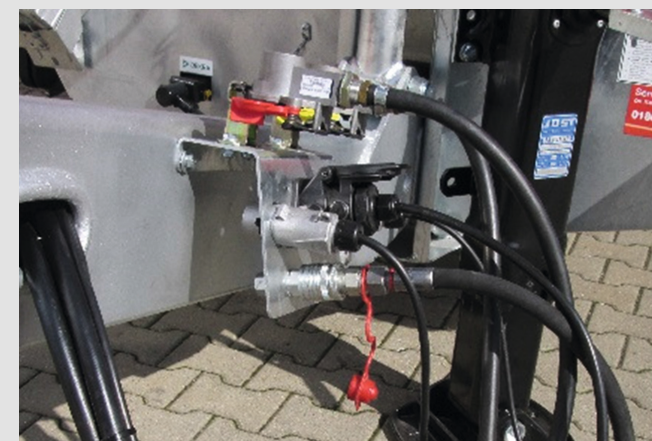
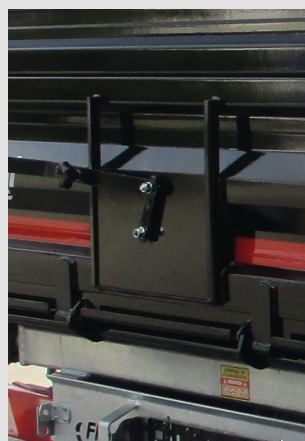
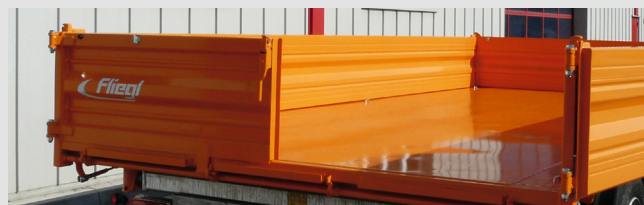
Options*

- Wide-base tyres 355/60/R18" (not for TSK 140)*
- Wide-base tyres 385/55/R19.5" (for TSK 140)*

- Bridge length 5,000 mm

* With equipment option wide-base tyres and ramps, we recommend a ramp length of 3,440 mm, as the load surface is approx. 50 mm higher

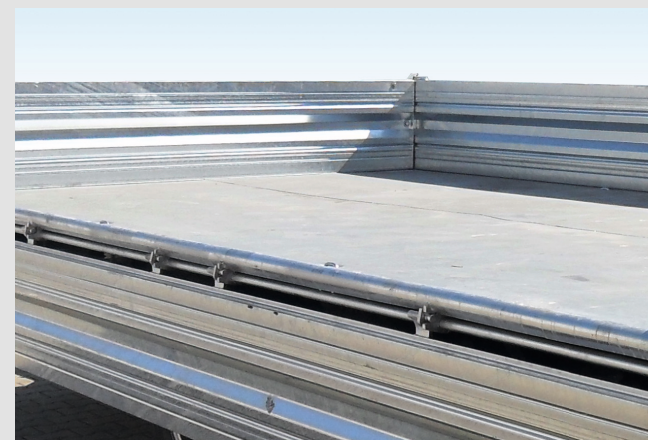
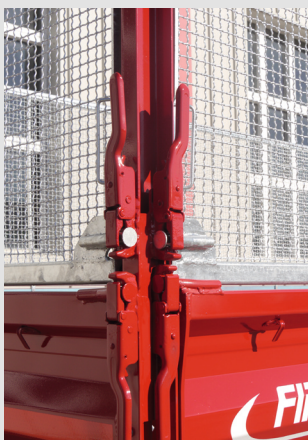
* Available for a surcharge.



- Higher bulkhead (+450 mm)
- Pendulum attachment 450 mm, includes ladder at the front
- Net hooks on side panels
- Side panel return springs to facilitate lifting
- Rolling tarpaulin with attachment peaks

- Support block for excavator scoop or arm
- Rear panel as swing-mounted and 2-wing door
- Net hooks
- Grain hatch in rear panel
- Contour strips

- Foldable rear support
- Retaining plate for hose connections



■ Leaf grid attachment, height 1,000 mm, removable, galvanised

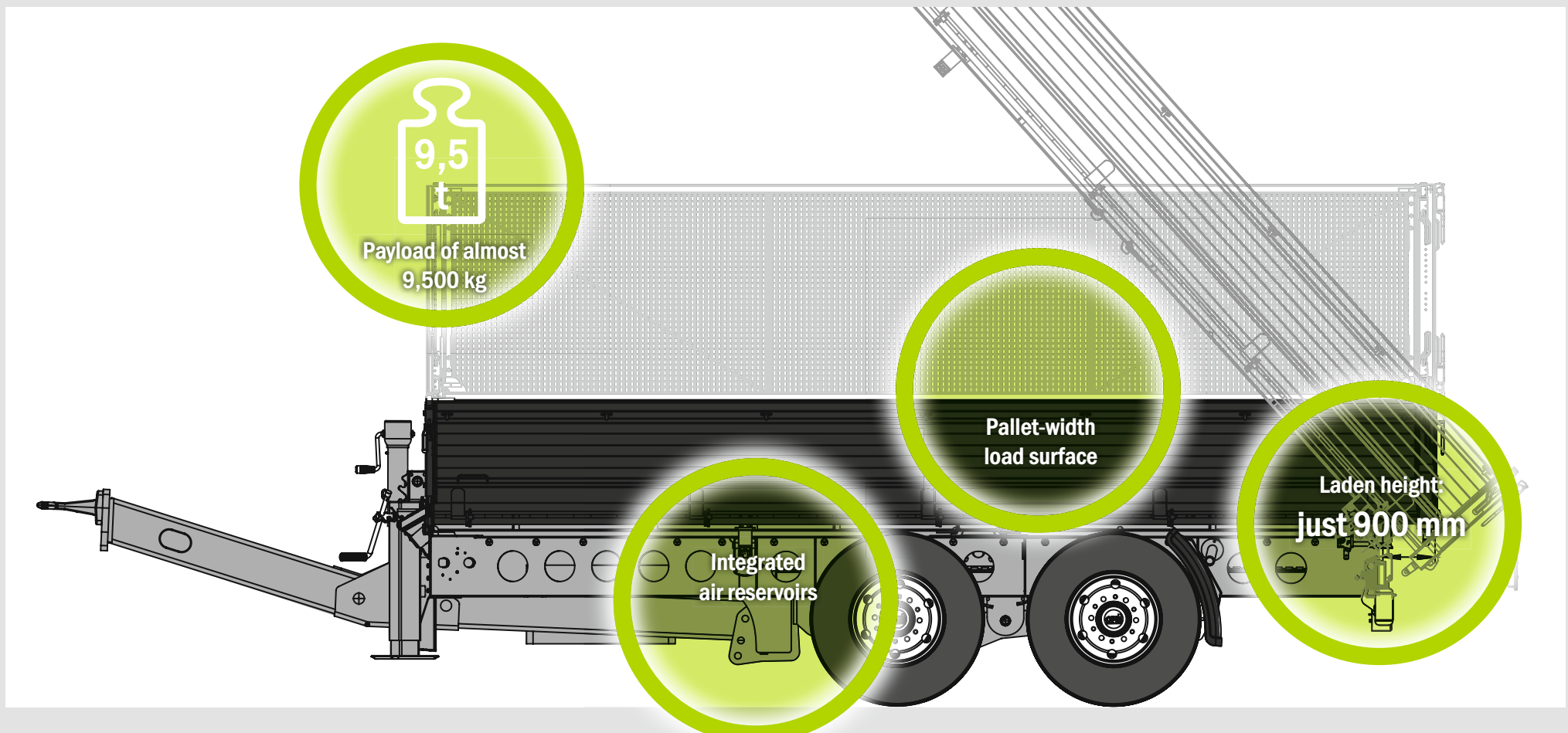
■ Ramps 3,000 mm long, 360 mm wide, lifting capacity per pair: 4 t or 8 t (for TSK 89, TSK 100, TSK 118, TSK 119)

■ Aluminium ramps 3,440 mm long, 360 mm wide, lifting capacity per pair: 8 t (for TSK 140 incl. wide-based tyres necessary)

■ Lockable stowage compartment for aluminium ramps

■ Tipper body painted on the inside

■ Tipper body/side panels hot-dip galvanised (not on TSK 210)



Tandem three-way dump trailer TSK 119 **New Generation**

- From **2,600 kg unladen weight** for highest payload (9,500 kg)
- **Curved chassis** for lower height
- **Laden height: just 900 mm**
- **Pallet-width load surface**
- **Integrated air reservoirs** for optimum ground clearance
- **Routing of connection lines** ensures protection

Axles and springs

Axles with taper roller bearings and S-cam brake, low-maintenance leaf spring assembly with axle load compensation

Frame

Welded fine-grain steel construction

Support

Support foot

Draw gear

Height-adjustable traction bar with tested size 40 drawbar eye

Brake system

Dual-line brake system in accordance with EC regulations, ABS, 2 non-interchangeable coupling heads, parking brake, with connecting cable

Electrics

24 V, light clusters, 2 x 7-pin non-interchangeable connectors with connecting cable, lighting compliant with EC regulations

Bridge

Sturdy tipping bridge with 4-mm steel sheet floor, steel side panel attachment, continuous side panels, foldable and swing-mounted, with central locking at the bottom, plug-in corner stanchions at the rear, rear panel foldable and swing-mounted, with central locking at the bottom, platform length approx. 4,500 mm, side panels with 5 hinges at the bottom, platform width 2,420 mm, 5 pairs of lashing lugs in the floor on the outside, 5,000 daN

Hydraulics

Three-way tipping mechanism, hydraulic multi-piston press with stroke arrester and safety ropes, SVK plug-in coupling

Paint

Frame DB7350 nova grey, bridge/side panels in RAL 9005 jet black, rims factory silver

Miscellaneous

Wheel chocks with holder, plastic mudguards, DEKRA approval with report

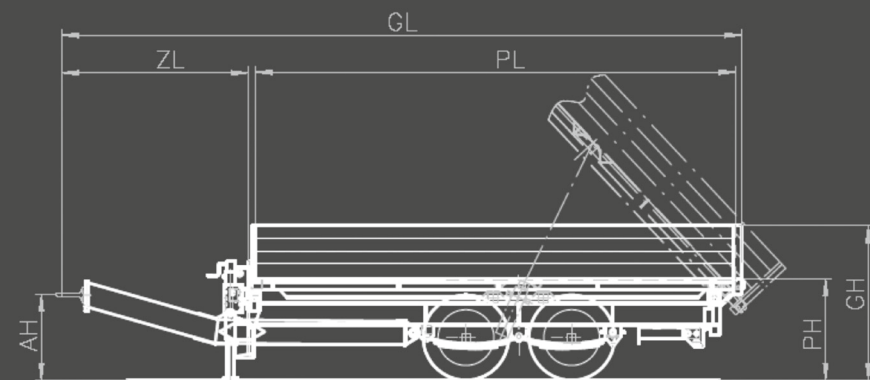
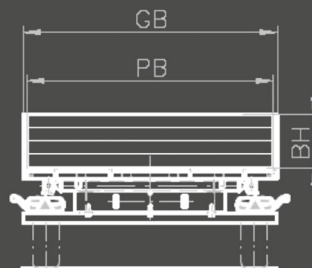
TECHNICAL DATA

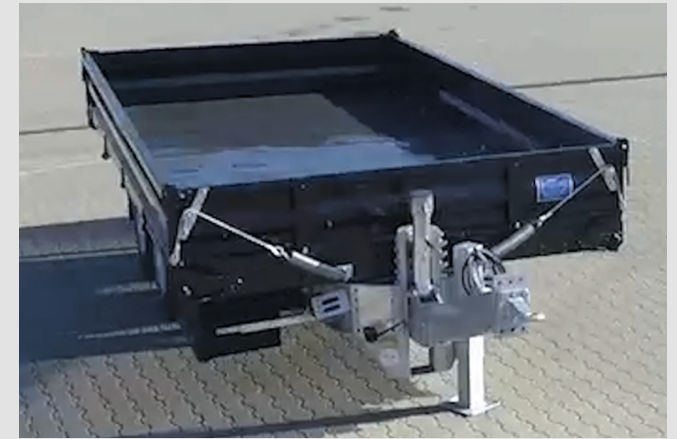
TSK 119

New Generation

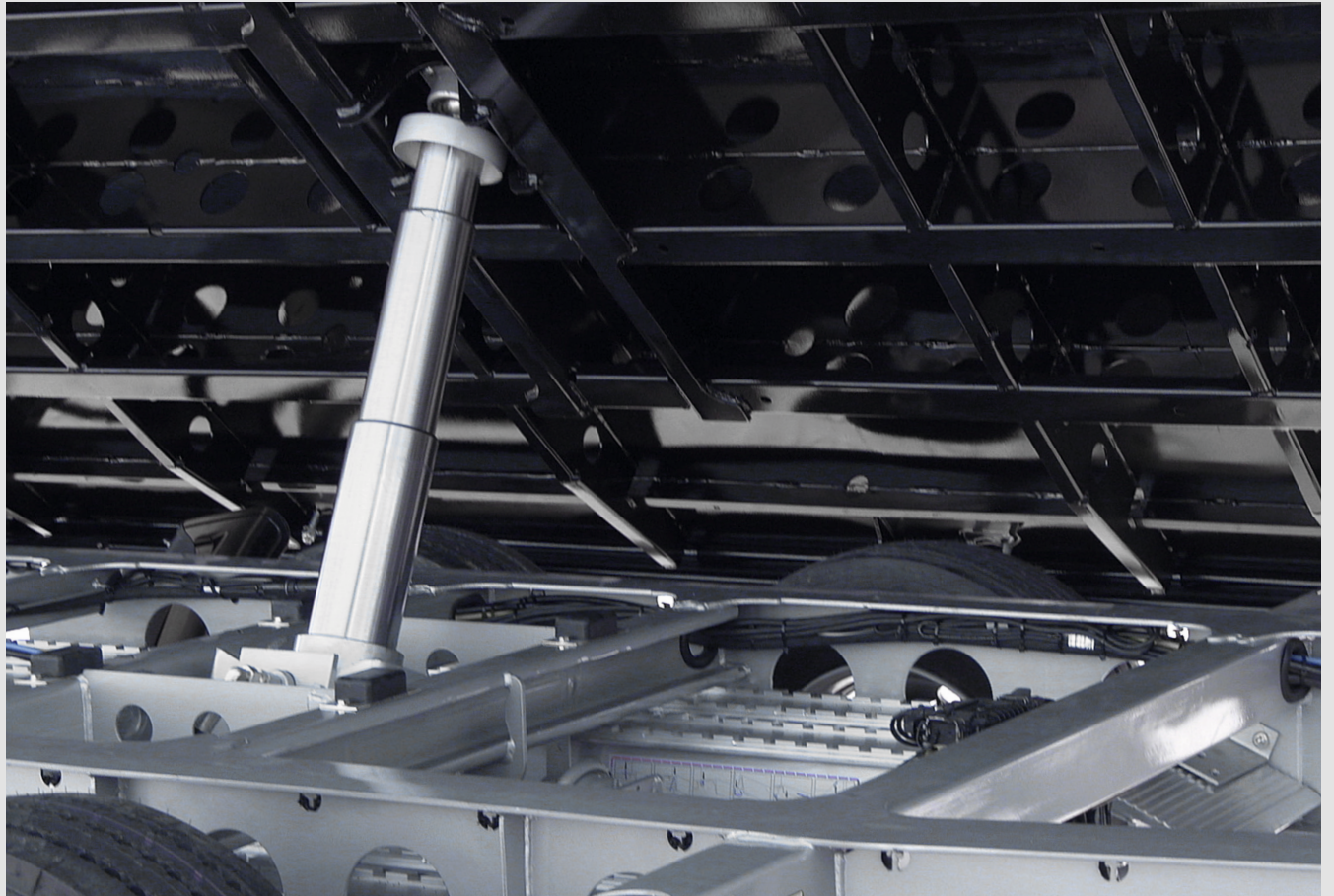
Permissible total weight in kg	11,900
Of which drawbar load in kg	1,000
Empty weight in kg	2,600
Payload in kg	9,300
Platform length PL in mm	4,500
Platform width PW in mm	2,420
Side panel height SPH in mm	450
Total length TL in mm	6,440
Total width TW in mm	2,550
Total height TH in mm	1,400
Platform height PH (laden) in mm	900
Coupling height CH in mm	750-1,050
Traction bar length TBL in mm	1,750
Tilt angle side/rear in degrees	47/50
Single tyres	235/75 R17,5"

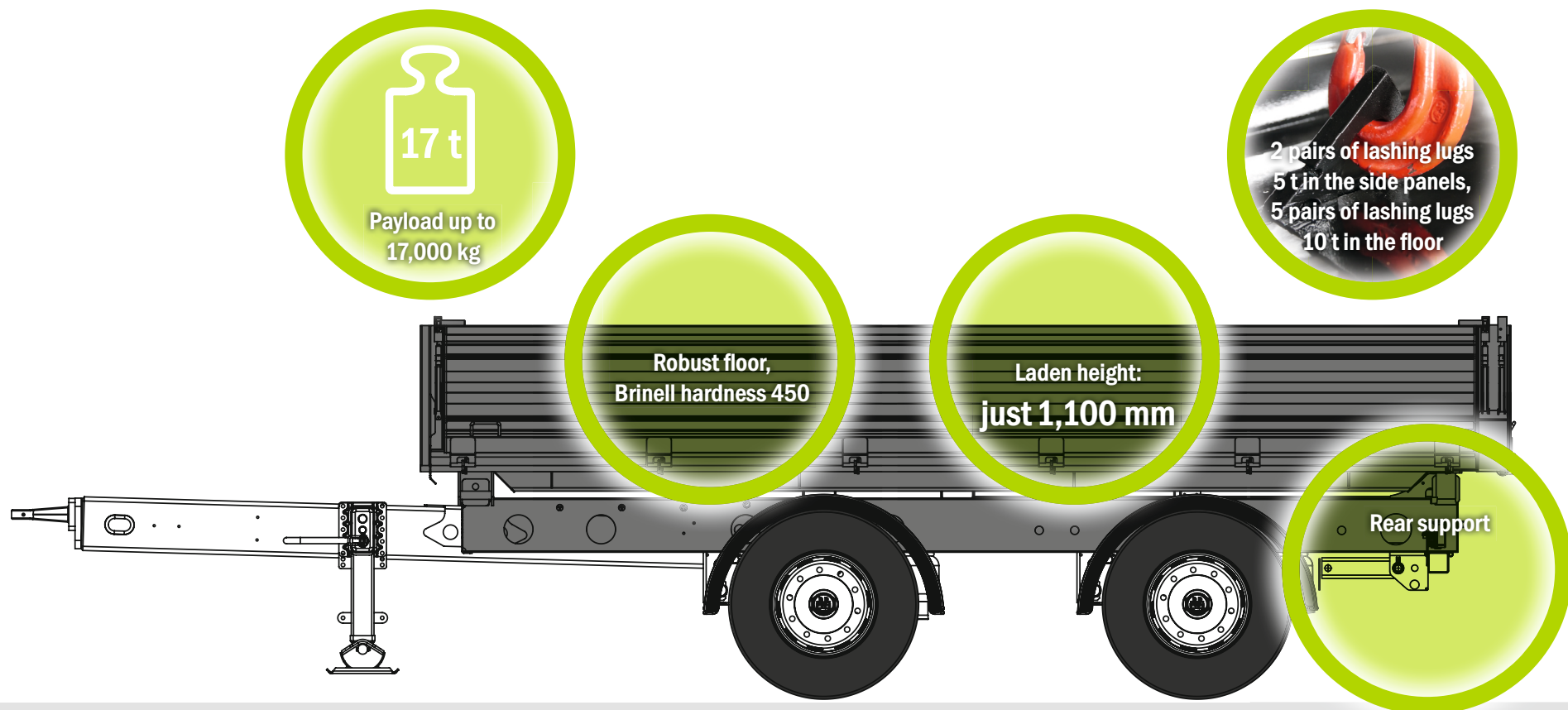
Equipment Technical data





Tandem three-way dump trailer
TSK 119 New Generation





Tandem three-way dump trailer TSK 210 **New Generation**

- Robust floor: **Hardox® 450**
- **Laden height: just 1,100 mm**
- **Unladen weight: only approx. 4,000 kg**
- **Payload: 17,000 kg**
- **Tilt angle: 47° to the rear and 50° to the side**
- **Wide range of lashing options** in floor and side panels
- For the transport of **excavators and construction machinery**
- **Swing-mounted combination rear panel** available

Axles and springs

BPW disk brake axles, axle spacing 1,810 mm, air suspension with raising and lowering valve

Frame

Welded fine-grain steel construction

Support

Support foot

Draw gear

Traction bar with tested size 50 drawbar eye

Brake system

Dual-line brake system in accordance with EC regulations, EBS, 2 non-interchangeable coupling heads, parking brake, with connecting cable

Electrics

24 V, light clusters, 2 x 7-pin non-interchangeable connectors with connecting cable, lighting compliant with EC regulations

Bridge

Steel sheet floor, Hardox 450, 4-mm thick, rocking ball bearing with 80 mm diameter, steel side panel attachment, side panels foldable and swing-mounted, with central locking at the bottom, 2 pairs of lashing lugs recessed in the side panels at the top, 5,000 daN each, 5 pairs of lashing lugs in the floor, 5,000 daN each, rear panel: 2-wing swing-mounted combination door, with door arrester and rubber guard at the side

Hydraulics

Three-way tipping mechanism, hydraulic multi-piston press with stroke arrester and safety ropes, up to max. 170 bar, hydraulic connection with SVK connector, incl. connecting hose, operated hydraulically via truck PTO

Paint

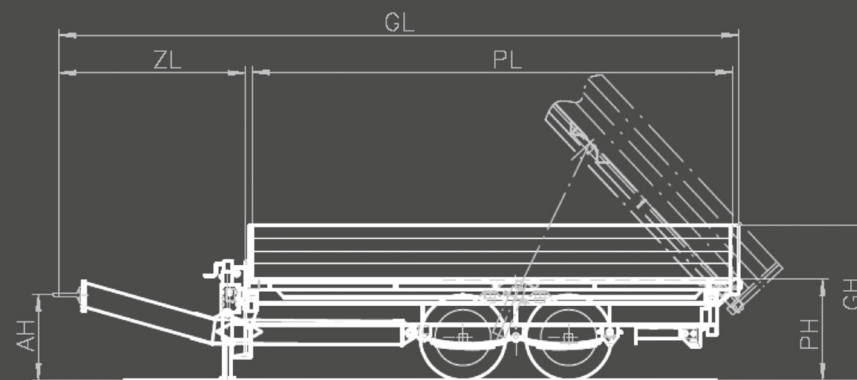
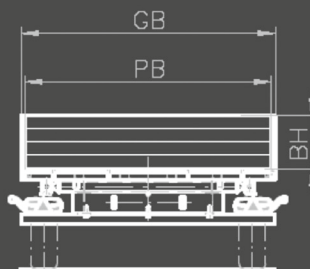
Frame DB7350 nova grey, bridge/side panels in RAL 9005 jet black, rims factory silver

Miscellaneous

Wheel chocks with holder, plastic mudguards, DEKRA approval with report

TECHNICAL DATA	TSK 180	TSK 200	TSK 210
	New Generation	New Generation	New Generation
Permissible total weight in kg	18,000	20,000	21,000
Of which drawbar load in kg	1,000	1,000	1,000
Empty weight in kg	4,000	4,000	4,000
Payload in kg	14,000	16,000	17,000
Platform length PL in mm	5,000	5,000	5,000
Platform width PB in mm	2,420	2,420	2,420
Side panel height SPH in mm	600	600	600
Total length TL in mm	7,280	7,280	7,280
Total width TW in mm	2,550	2,550	2,550
Total height TH in mm	1,750	1,750	1,750
Platform height PH laden in mm	1,100	1,100	1,100
Coupling height CH in mm	900	900	900
Traction bar length TBL in mm	1,920	1,920	1,920
Tilt angle side/rear in degrees	47/50	47/50	47/50
Axle manufacturer	BPW Scheibenbremsachsen	BPW Scheibenbremsachsen	BPW Scheibenbremsachsen
Single tyres	435/50 R19,5"	435/50 R19,5"	435/50 R19,5"

Equipment Technical data





Tandem three-way dump trailer
TSK 210 **New Generation**





INNOVATING FOR YOU

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Änderung der Maße, Gewichte und technischer Daten vorbehalten.
Abbildungen teilweise mit Sonderausstattung.
08.2022

Dimensions, weights, and technical data are subject to changes.
Some illustrations show special equipment.
08.2022

Право изменения размеров, веса и технических данных производитель оставляет за собой.
Снимки частично с спец.комплектацией.
08.2022

Zmiany wymiarów, wagi, techniczne są dopuszczalne.
Część zdjęć pokazuje wyposażenie dodatkowe.
08.2022