

THREESIDE TIPPER POWER-FLEX

plus⁺

QUALITY. STABILITY. FLEXIBILITY.

HB BRANTNER





Single axle tipper

With its convincing maneuverability and a maximum total weight of 2.5 to 10 tons, the single-axle tipper is exactly the right choice for transport work in tight spaces. A large number of body variants and additional equipment enable a vehicle to be tailored to each individual customer.

- + UNIVERSALLY APPLICABLE**
- 10 year chassis frame warranty
 - hard-chromed tipping cylinders

- ball tilt bearing
- Sheet steel plate made from one piece (by means of foil seam fusion)
- KTL/powder high-end surface technology



E 4530 / E 6030 EURO-LINE
different body variants with or without attachment walls



E 6035 / E 6535 EURO-LINE
also available with lateral swing wall



E 8041
available with or without suspension

Technical specifications

Models	Single axle tipper						Tandem low loader			
	E 3524	E 4530 EURO-LINE	E 6030 EURO-LINE	E 6035 EURO-LINE	E 6535 EURO-LINE	E 6040	E 8041	TA 11045 low loader	TA 13045 low loader	TA 20051 XXL low loader
Gross weight	3.500 kg	4.500 kg	6.000 kg	6.000 kg	6.500 kg	6.000 kg	8.000 kg	11.000 kg	13.000 kg	20.000 kg
Net weight	850 kg	1.150 kg	1.190 kg	1.220 kg	1.220 kg	1.950 kg	1.980 kg	2.600 kg	3.000 kg	4.500 kg
Support weight	650 kg	900 kg	900 kg	1.000 kg	1.000 kg	1.000 kg	1.100 kg	1.000 kg	1.000 kg	2.000 kg
Platform height with standard tyres, unload	920 mm	920 mm	970 mm	980 mm	980 mm	1.020 mm	1.040 mm	960 mm	1.030 mm	1.100 mm
Platform size inside	2.380 x 1.430 mm	2.930 x 1.830 mm	2.930 x 1.830 mm	3.430 x 1.830 mm	3.430 x 1.830 mm	4.070 x 2.080 mm	4.070 x 2.080 mm	4.480 x 2.410 mm	4.480 x 2.410 mm	5.080 x 2.410 mm
Sideboard height	400 mm	400 mm	400 mm	500 mm	500 mm	500 mm	500 mm	500 mm	500 mm	600 mm
Attachment board 1st set	-	-	-	-	-	500 mm	500 mm	-	-	-
Loading capacity	1,4 m ³	2 m ³	2 m ³	3 m ³	3 m ³	8,5 m ³	8,5 m ³	5,3 m ³	5,3 m ³	7,3 m ³
Square axle	60 mm	65*/70 mm	65*/70 mm	65 mm	70 mm	70 mm	70 mm	80 mm	80 mm	120 mm
Track	1.150 mm	1.470 mm	1.470 mm	1.470 mm	1.470 mm	1.550 mm	1.550 mm	1.950 mm	1.950 mm	2.000 mm
Number of hard chromed lifting cylinders	1	1	1	1	1	1	1	1	1	1
Grade diameter	45/60/75/90 mm	60/75/90 mm	60/75/90 mm	60/75/90 mm	60/75/90 mm	60/75/90 mm	75/90/105 mm	75/90/105/120 mm	75/90/105/120 mm	90/105/120/140/160 mm
Cylinder lift	800 mm	1.000 mm	1.000 mm	1.200 mm	1.200 mm	1.400 mm	1.400 mm	1.600 mm	1.600 mm	1.800 mm
Tilt angle lateral	45 °	45 °	45 °	45 °	45 °	45 °	45 °	45 °	45 °	45 °
Tilt angle backwards	45 °	46 °	46 °	46 °	46 °	45 °	45 °	45 °	45 °	45 °
Requested amount of oil	3 l	5 l	5 l	6 l	6 l	6,5 l	10 l	12,6 l	12,6 l	24 l
Standard tyres	10.0/75 - 15,3 (10)	10.0/75 - 15,3 (10)	11.5/80 - 15,3 (10)	11.5/80 - 15,3 (10)	15.0/55 - 17 (10)	15.0/55 - 17 (10)	355/60 R 18	215/75 R 17,5	355/60 R 18	355/55 R 19,5

* with overrun automatic brake

Tandem tipper

A huge variety of types from 8 to 24 tons total weight is available to you. Our tandem vehicles offer excellent driving characteristics, the use of high vertical loads, low overall heights and spring support on each axle.

+ STEADY AND STABLE

- 10-year chassis frame warranty
- sprung tandem unit
- hard-chromed tipping cylinder
- truck-type trapezoidal tipping frame
- sheet steel floor made from one piece (by means of foil seam fusion)
- springs under the axle for the best stability (on request also possible on the axle)
- closed frame closure
- KTL/powder high-end surface technology



TA 10041
offers the most versatile equipment, e.g. with cattle stairs, hydraulic rear wall or gravel wall



TA 8045 XXL
with overrun brake and 500 mm extension walls



Innovation by Brantner
optionally, the TA 20051/2 XXL model can be configured as a multiplex or stabilizer



TA 14045 XXL
available as a campaign model or in a version with 2 tilting cylinders



TA 13045 low loader
standard with height-adjustable drawbar, shovel and broom holder optionally available



TA 11045 low loader
the low-loader with optionally available slide in loading ramps and supports

Technical specifications

	Tandem tipper											
Models	TA 8040	TA 10041	TA 8045 XXL	TA 11045 XXL	TA 14045 XXL SPECIAL	TA 14045/2 XXL	TA 16045 XXL SPECIAL	TA 16045/2 XXL	TA 18045/2 XXL	TA 20051 SPECIAL	TA 20051/2 XXL	TA 23061/2 XXL
Gross weight	8.000 kg	10.190 kg	8.000 kg	11.000 kg	13.900 kg	13.900 kg	16.000 kg	16.000 kg	18.000 kg	20.000 kg	20.000 kg	20.500 kg
Net weight	2.050 kg	2.190 kg	2.580 kg	2.750 kg	3.100 kg	3.300 kg	3.400 kg	3.600 kg	3.800 kg	4.500 kg	4.640 kg	6.000 kg
Support weight	1.000 kg	1.450 kg	1.000 kg	1.450 kg	1.700 kg	1.700 kg	2.000 kg	2.000 kg	2.000 kg	2.000 kg	2.000 kg	2.500 kg
Platform height with standard tyres, unload	1.080 mm	1.060 mm	1.080 mm	1.080 mm	1.100 mm	1.100 mm	1.100 mm	1.100 mm	1.110 mm	1.360 mm	1.360 mm	1.450 mm
Platform size inside	4.070 x 2.080 mm	4.070 x 2.080 mm	4.480 x 2.150/2.250 mm	4.480 x 2.150/2.250 mm	4.480 x 2.150/2.250 mm	4.480 x 2.150/2.250 mm	4.480 x 2.150/2.250 mm	4.480 x 2.150/2.250 mm	4.480 x 2.150/2.250 mm	5.080 x 2.340/2.410 mm	5.080 x 2.340/2.410 mm	6.050 x 2.340/2.410 mm
Sideboard height	500 mm	500 mm	500 mm	500 mm	600 mm	600 mm incl. sidebaord stiffening	600 mm	600 mm	600 mm incl. sidebaord stiffening	800 mm	800 mm incl. sidebaord stiffening	800 mm incl. sidebaord stiffening
Attachment board 1st set	500 mm	500 mm	500 mm	500 mm	600 mm	600 mm	600 mm	600 mm	600 mm	800 mm	800 mm	800 mm
Loading capacity	8,5 m ³	8,5 m ³	9,9 m ³	9,9 m ³	11,8 m ³	11,8 m ³	11,8 m ³	11,8 m ³	11,8 m ³	19,3 m ³	19,3 m ³	23 m ³
Square axle	70 mm	70 mm	70 mm	70 mm	90 mm	90 mm	90 mm	90 mm	90 mm	100 mm	120 mm	150 mm
Track	1.550 mm	1.550 mm	1.800 mm	1.800 mm	1.800 mm	1.800 mm	1.800 mm	1.800 mm	1.800 mm	2.000 mm	2.000 mm	2.000 mm
Number of hard cromed lifting cylinders	1	1	1	1	1	2	1	2	2	1	2	2
Grade diameter	75/90/105 mm	75/90/105 mm	60/75/90/105 mm	75/90/105/120 mm	75/90/105/120 mm	60/75/90/105 mm	75/90/105/120 mm	60/75/90/105 mm	60/75/90/105 mm	90/105/120/140 mm	75/90/105/120 mm	75/90/105/120 mm
Cylinder lift	1.400 mm	1.400 mm	1.800 mm	1.800 mm	1.800 mm	1.600 mm	1.800 mm	1.600 mm	1.800 mm	1.800 mm	1.800 mm	2.000 mm
Tilt angle lateral	45 °	45 °	45 °	45 °	45 °	45 °	45 °	45 °	45 °	45 °	45 °	45 °
Tilt angle backwards	45 °	45 °	49 °	49 °	49 °	45 °	49 °	45 °	49 °	49 °	49 °	> 50 °
Requested amount of oil	10 l	10 l	11 l	15 l	15 l	20 l	15 l	20 l	22 l	23 l	28 l	37 l
Standard tyres	11.5/80 - 15,3 (10)	15.0/55 - 17 (10)	15.0/55 - 17 (10)	15.0/55 - 17 (10)	500/50 - 17 (14)	500/50 - 17 (14)	500/50 - 17 (18)	500/50 - 17 (18)	445/45 R 19,5	385/65 R 22,5 retreated	385/65 R 22,5 NEW	385/65 R 22,5 retreated



Two-axle tipper

Our product range extends from 8 to 18 tons total weight. Our trailer trains ensure the best possible utilization of the maximum permissible total weight on public roads. Quiet trailing characteristics, the optimal use of the loading capacity and high approval speeds are crucial.

+ IDEAL FOR STREET AND FIELD

- 10-year chassis frame warranty
- Y - Drawbar for tight turning radius
- hard-chromed tipping cylinder
- KTL/powder high-end surface technology
- H - ball bearing turntable from our own production
- Sheet steel plate made from one piece (by means of foil seam fusion)



THE BEST SELLER



Z 8045 XXL
with overrun brake and attachment walls 500 mm



Z 13045 XXL
a variety of tire options are available



Z 18051 AKTION
the entry-level model in proven Brantner quality with a standard double-C press profile frame

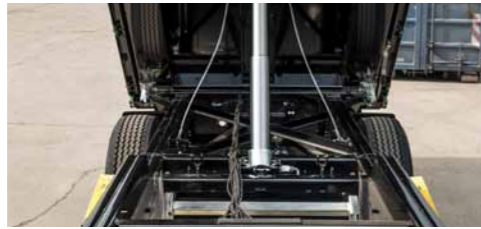
Z 15045 XXL AKTION
optional: PROFIL package with 2 tilting cylinders, sideboard stiffening, Sideboard lifting springs and 5 mm sheet steel plate

Difference Special vs. XXL

TIPPING CYLINDER & STEEL SHEET PLATE

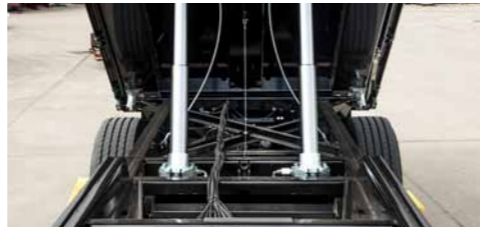
All versions have hard-chromed tipping cylinders. The sheet steel floor is made of 4 or 5 mm sheet metal.

Z 18051 Special



Version with one tipping cylinder

Z 18051/2 XXL



Version with two tipping cylinder

Y-DRAWBAR

In the campaign model, an 80 mm U-beam is used instead of the 100 mm U-beam.



U-profile with 80 mm for 2 x 18 to



U-profile with 100 mm for 2 x 26 to

FRAME FINISH

Different lighting (Europoint II vs. Multi-Point) and different splash guard variants are installed.



Multi-point lighting with mudguards for fenders



Europoint II lighting with mudguard across the entire width

SIDEBOARDS

All variants are equipped with the professional sealing system. Universal locks with retrieval capability are installed at the front. There are differences at the back.



Hestal locks, without side wall stiffening



HB - truck locks, with sideboard stiffening

SIDEBOARD-SPRINGS

Optional single or double side wall lifting spring. The double version is rotatably mounted.



Single side wall lifting spring



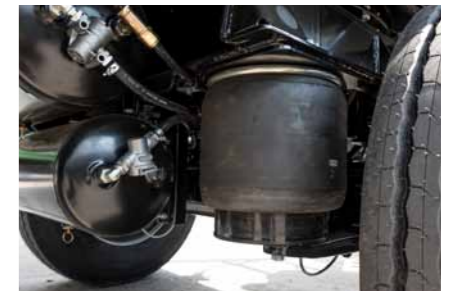
Double side wall lifting spring, rotatable mounted



Standard truck air suspension with shock absorber



Pneumatic ALB ensures that the braking force is adjusted appropriately



Automatic level control for a pleasant driving experience



Automatic lowering during the dumping process



Lighting standard with Agriled full LED rear light with resistor for turn signals



Reinforced steering spring for optimum stability and off-road mobility

Z 18051/2 XXL Premium Air+

The absolute top model in the professional segment. Excellent suspension behavior which protects the load and the vehicle against knocks and bumps.



THE LOAD MASTER



Ball bearing turntable heavy-duty ball bearing turntable from the truck sector



Trapezoidal tilting frame according to truck design with tilting bearings far outboard



Hydraulic rear axle support standard for optimal suspension comfort

Three-axle tipper

Our three-axle tippers offer the highest possible payloads with the greatest possible flexibility. Standard equipment such as the hydraulic rear axle support or the truck heavy-duty ball bearing turntable offer maximum comfort and stability.



FOR HEAVY LOAD

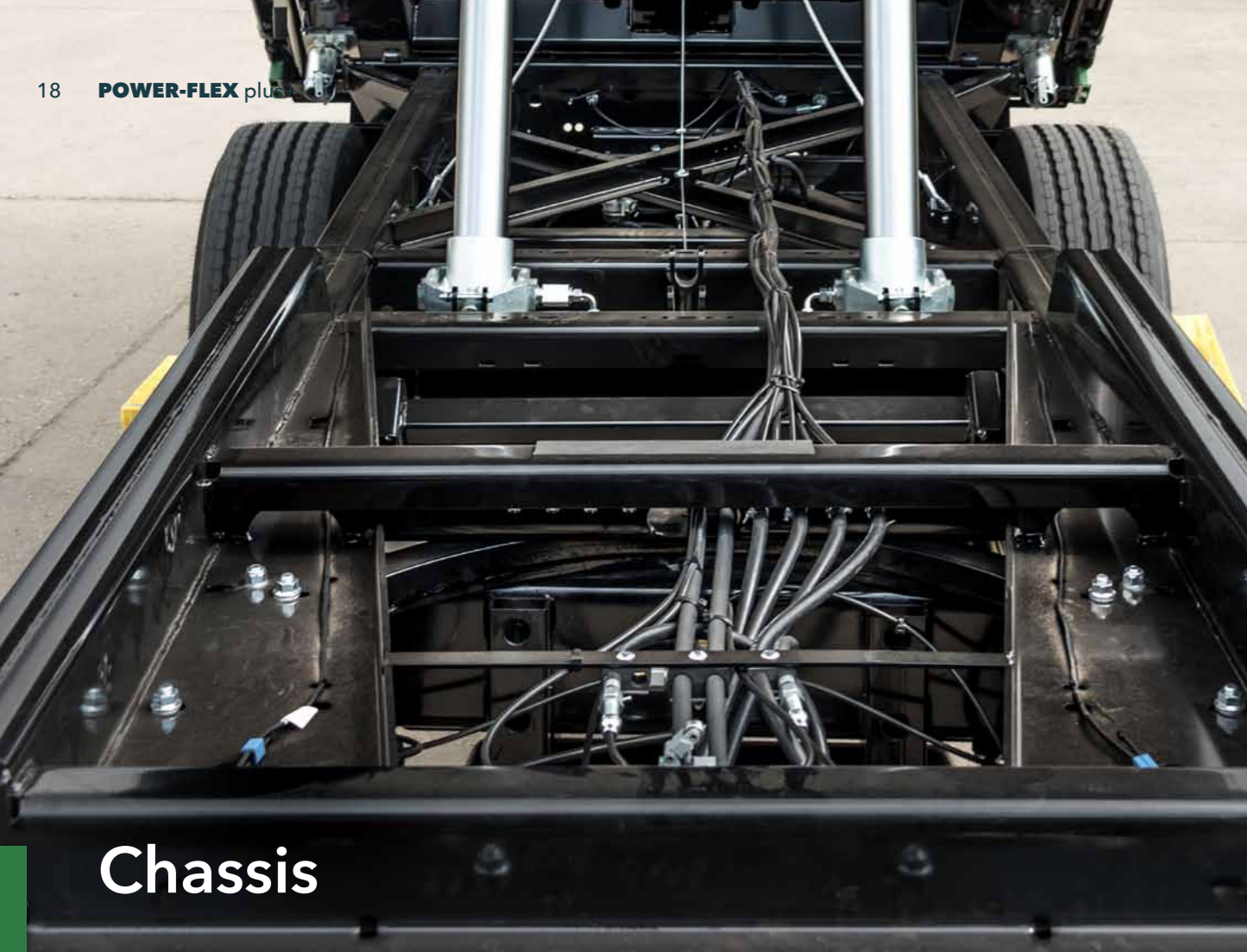
- 10 year chassis frame warranty
- hydraulic rear axle support
- hard-chromed tipping cylinder
- Sheet steel floor made from one piece (by means of foil seam fusion)
- Heavy duty ball bearing turntable
- KTL/powder high-end surface technology



Stabilator against surcharge also as Stabilator, Multiplex or also available with special paint and wide tires

Technische Daten

Models	Two and three-axle 3-way tipper									Two-axle 2-way tipper	
	Z 8045 XXL (nur für DE)	Z 11045 XXL	Z 13045 XXL	Z 15045 XXL AKTION	Z 15051/2 XXL	Z 18051 AKTION	Z 18051/2 XXL	Z 18051/2 XXL PREMIUM AIR+	DD 24073/2 XXL	ZZ 18050	ZZ 18060
Gross weight	8.000 kg	11.000 kg	13.000 kg	15.000 kg	15.000 kg	18.000 kg	18.000 kg	18.000 kg	24.000 kg	18.000 kg	18.000 kg
Net weight	2.640 kg	3.160 kg	3.600 kg	3.800 kg	3.860 kg	4.400 kg	4.500 kg	4.500 kg	7.200 kg	4.500 kg	5.500 kg
Plattformhöhe bei Serienbereifung, unbeladen	1.270 mm	1.270 mm	1.380 mm	1.380 mm	1.380 mm	1.370 mm	1.370 mm	1.370 mm	1.420 mm	1.370 mm	1.370 mm
Total length	6.550 mm	6.550 mm	6.550 mm	6.550 mm	7.060 mm	7.200 mm	7.200 mm	7.200 mm	9.410 mm	7.050 mm	8.100 mm
Total width	2.420 mm	2.470 mm	2.470 mm	2.470 mm	2.470 mm	2.550 mm	2.550 mm	2.550 mm	2.550 mm	2.550 mm	2.550 mm
Platform size inside	4.480 x 2.250 mm	4.480 x 2.250 mm	4.480 x 2.250 mm	4.480 x 2.250 mm	5.080 x 2.250 mm	5.080 x 2.410 mm	5.080 x 2.410 mm	5.080 x 2.410 mm	7.230 x 2.410 mm	4.965 x 2.380 mm	5.930 x 2.380 mm
Sideboard height	500 mm	600 mm	600 mm	800 mm	600 mm	800 mm	800 mm incl. sideboard stiffening	800 mm incl. sideboard stiffening	800 mm incl. sideboard stiffening	600 mm incl. sideboard stiffening	600 mm incl. sideboard stiffening
Attachment board 1st set	500 mm	600 mm	600 mm	600 mm	600 mm	800 mm	800 mm	800 mm	800 mm	800 mm	800 mm
Loading capacity	10 m ³	12,1 m ³	12,1 m ³	14,1 m ³	13,6 m ³	19,6 m ³	19,6 m ³	19,6 m ³	27,9 m ³	16,5 m ³	20 m ³
Square axle	70 mm	70 mm	90 mm	110 mm	90 mm	100 mm	120 mm	120 mm	120 mm	120 mm	120 mm
Track	1.800 mm	1.800 mm	1.800 mm	1.800 mm	1.800 mm	2.000 mm	2.000 mm	2.000 mm	2.000 mm	2.000 mm	2.000 mm
Number of hard chromed lifting cylinders	1	1	1	1	2	1	2	2	2	1	2
Grade diameter	75/90/105 mm	75/90/105 mm	75/90/105/120 mm	75/90/105/120 mm	75/90/105 mm	90/105/120 mm	75/90/105 mm	75/90/105 mm	75/90/105/ 120/140 mm	75/90/105/120 mm	75/90/105 mm
Cylinder lift	1.600 mm	1.600 mm	1.600 mm	1.600 mm	1.600 mm	1.800 mm	1.600 mm	1.600 mm	3.000 mm	1.600 mm	1.400 mm
Tilt angle lateral	45 °	45 °	45 °	45 °	45 °	45 °	45 °	45 °	45 °	45 °	45 °
Tilt angle backwards	45 °	45 °	46 °	46 °	43 °	49 °	45 °	45 °	48 °	-	-
Requested amount of oil	12,8 l	12,8 l	13 l	13 l	27 l	17 l	23 l	23 l	65 l	13 l	20 l
Standard tyres	12.5/80 - 18 (12)	12.5/80 - 18 (12)	385/65 R 22,5 retreaded	385/65 R 22,5 retreaded	385/65 R 22,5 retreaded	385/65 R 22,5 retreaded	385/65 R 22,5 NEW	385/65 R 22,5 NEW	385/65 R 22,5 retreaded	385/65 R 22,5 retreaded	385/65 R 22,5 retreaded



Chassis

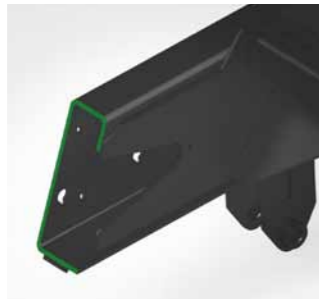
10-year guarantee on the chassis frame

chassis frame are manufactured as open G, G or double C pressed profile frames.

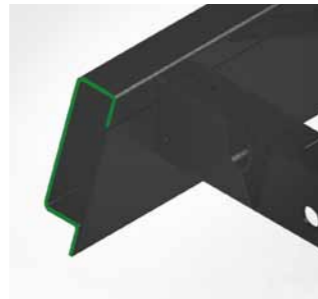
Closed double C press profile frame for highest torsional stability, flexural strength as well as excellent torsion properties.

Two-axle tipper with ball bearing turntable from our own production.

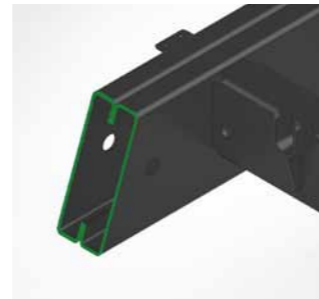
Frame made 100% in-house on modern robotic welding systems.



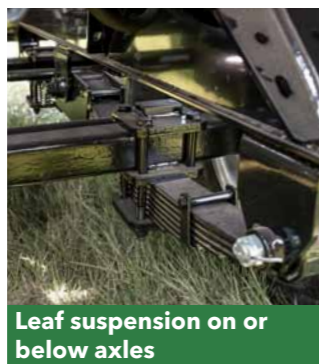
open G frame



G frame



Double C frame



Leaf suspension on or below axles



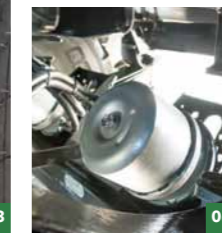
Parabolic suspension on axles



Parabolic suspension under axles

Additional equipment

- 01 Steering axle hydraulically lockable
- 02 Steering axle with hydraulic-mechanical forced steering
- 03 Air suspension
- 04 Steering axle with electric forced steering
- 05 Raise and lower valve for air suspension
- 06 Spring brake
- 07 spring-loaded drawbar



Cross bracing
increased torsional rigidity



Ball bearing turntable
from our own production



Drawbar
Y drawbar for extreme turning radii



Height-adjustable drawbar
manufactured from double-C pressed profiles, as top and bottom coupling



Spring stabilizer
optionally available, recommended for steering axles

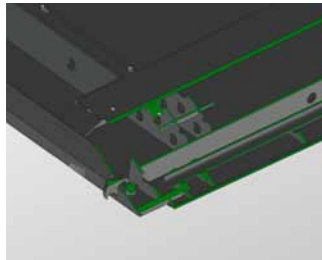


Rectangle frame
made of G or double C pressed profiles

Platform



Trapezoidal tilting frame according to truck design including stiffening ribs



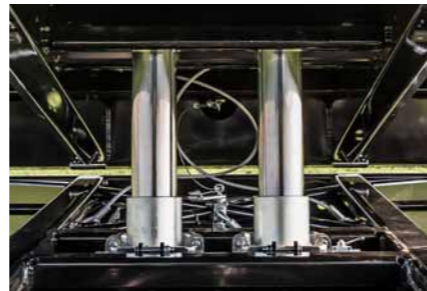
Sheet steel plate from one piece, by means of foil seam fusion (without air pockets), absolutely smooth



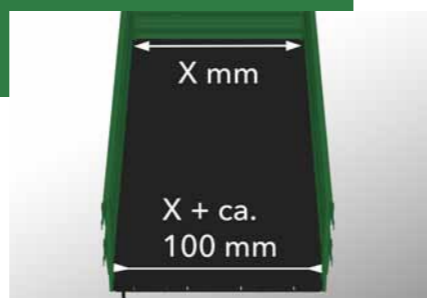
Self-cleaning platform edge edged on all four sides



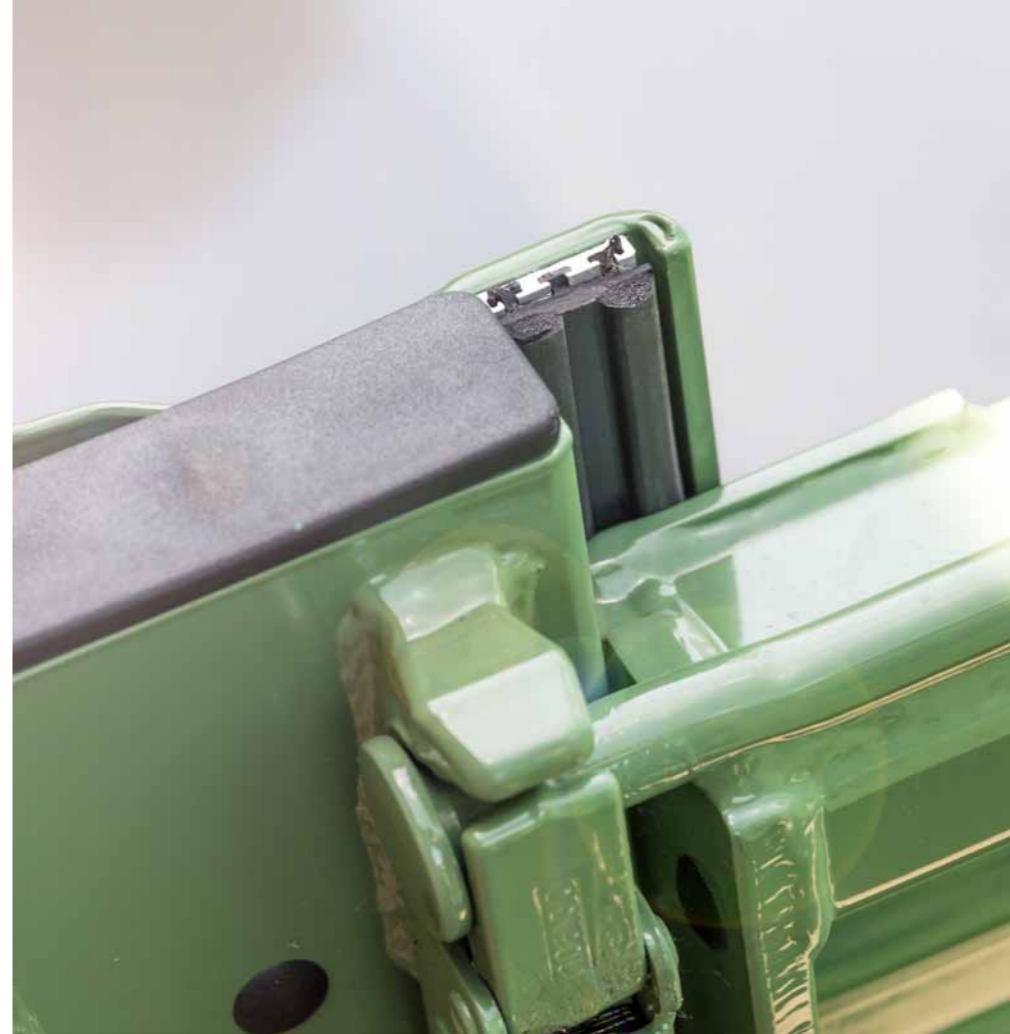
Tilting bearings far out for even more stability



Hard chrome plated tipping cylinder gimballed depending on the version one or two pieces



Conical sheet steel plate guarantees easy slipping of the load



Our superstructure is characterized by a particularly large number of equipment options. You can design your personal commercial vehicle with individual options.

Completely assembled and painted sideboard and attachment walls can be set up for vehicles that have already been delivered with the PROFI sealing system without any additional cutting or welding work.

Body

Professional sealing system Grain-tight design with high-quality, replaceable and retractable rubber seals



Metal labyrinth seal on the corner post for rear side and attachment walls



Sealing profile with barbs in patented aluminum rail



HB truck closures comfortable operation at optimal working height



Side hinges from 5 m plateau length with double locking



Sideboard stiffening made of 6 mm sheet steel with box profile welded

Stabilator

The 1,500 mm high, continuous Stabilator body with the corresponding attachment walls and a hydraulic rear wall opening make the tipper a perfect all-round vehicle.

Silage operations can also be managed effortlessly in this way. The absolutely smooth inner walls of the stabilizer structure prevent the load from getting caught. In combination with the conical loading platform, the perfect sliding is guaranteed.

+ AVAILABLE FOR EVERY USE

- Smooth inner walls - the decisive advantage
- Extreme stability - transport of gravel, demolition material or soil
- Various chassis variants - two-axle, three-axle or tandem chassis



Pendulum wall
pendulum-mounted stabilizer walls on the left and right, easy to open



Hydraulic rear wall
optionally with hydraulic rear wall



smooth inner walls
the conical plateau and the absolutely smooth inner walls allow the load to slide off easily



Portal door
Standard portal door on the left (optionally also possible on the right), swingably mounted



Center post
removable without tools - on request helpful when loading boxes or pallets



Slide
for optimal unloading of sensitive bulk goods (e.g. potatoes)

+ GENTLE IN HANDLING

- 1.560 mm high side walls
- 18 mm thick, multi-layer glued multiplex panels
- one-sided as a portal door
- Convenient operation with HB truck locks
- Grain-tight thanks to low-wear rubber seals
- The rear drop side is divided horizontally (900/660 mm) and can be variably suspended

Our Multiplex models are equipped for any type of transport task. In combination with a drop sail, sensitive bulk goods such as potatoes can be gently loaded and transported.

But pallets can also be ideally loaded and unloaded thanks to the standard portal doors. Due to the particularly stable construction of the side walls, minimal deflection can be achieved with maximum loading.

Multiplex

Additional equipment



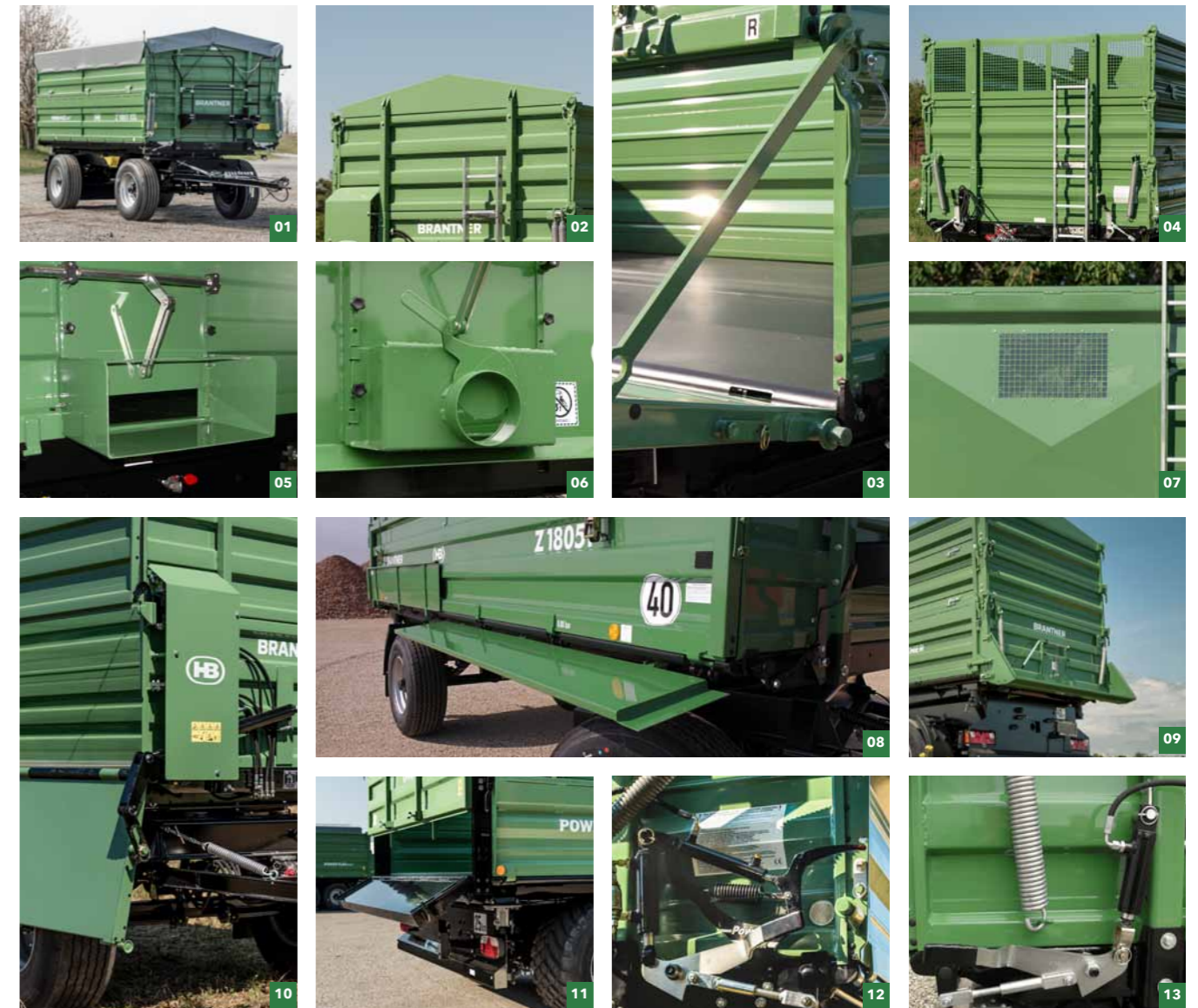
CHASSIS

- 01 flange towing eye K 80
- 02 toolbox
- 03 shunting coupling

- 04 mechanical trailer coupling
- 05 automatic trailer coupling
- 06 hydraulic support leg
- 07 high tipping facility

BRAKE

- 08 hydraulic brake
- 09 hydraulic brake load adjustment valve
- 10 2-line-air-brake with ALB



BODY

- 01 tarpaulin body
- 02 attachment triangle
- 03 outrigger struts
- 04 steel grill on top front att. board
- 05 discharge channel - cannot be locked
- 06 discharge channel with additional fine dosing

- 07 steel grill between corner stanchions with sheet cover
- 08 stable slide lateral right/left
- 09 potato slide over entire width
- 10 hydraulic sideboard opening 180°
- 11 hydraulic rear wall opening for gravel transport with 120°

- 12 POWER-LOCK swingboard locking and unlocking
- 13 hydraulic lateral swingboard unlocking

Kontakt

ZENTRALE

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Surface technology. Cathodic dip painting & Powder.

THE ADVANTAGES AT A GLANCE

- excellent corrosion protection outside and inside
- improved mechanical resilience
- environmentally friendly technology through powder circulation system
- Coverage of energy needs by 2 megawatt photovoltaic system

Products that are permanently exposed to extreme conditions require the highest paint quality with excellent corrosion protection. Together with the paint specialist Helios, we have equipped our surface technology system with the latest technology. With this modernization, we can further improve our product quality and at the same time rely on environmentally friendly process technology.

THIS IS HOW KTL POWDER-QUALITY IS CREATED.

- automated granulate blasting
- automatic wet-chemical cleaning
- Cathodic dip painting (KTL)
- Tumble dry at 160 - 180 degrees
- automated POWDER COATING
- Tumble dry at 160 - 180 degrees



QUALITY.

State-of-the-art manufacturing process with Laser cutting centres, robot welding systems, "high-end" surface technology, line assembly as well as several quality controls and the final test on the brake test stand ensure the highest product quality.

FLEXIBILITY.

The outstanding quality and the individual production according to customer requirements make every product from BRANTNER Fahrzeugbau a unique specimen that sets standards.

STABILITY.

The stability of the product guarantees stability in value retention. And that over decades!

Werte über Grenzen hinweg.



Blasting
mechanical pre-treatment for clean and homogeneous surfaces



KTL & pretreatment
12 immersion processes for chemical cleaning and subsequent KTL coating



Powder
automatic powder coating



VEHICLE CONSTRUCTION

HALL CONSTRUCTION

SURFACE TECHNOLOGY

QUALITY. STABILITY. FLEXIBILITY.