

DUMPER POWER-TUBE

plus⁺

QUALITY. STABILITY. FLEXIBILITY.

HB BRANTNER





Dumper

Transport is of particular importance in modern agriculture. The requirements are clearly specified: Easy operation, large loading volume as well as quick and trouble-free loading and unloading. These characteristics have always distinguished BRANTNER dump trucks.

But the Power-Tube plus+ dump truck is also excellently suited for all other agricultural applications due to its smooth inner sides and the standard hydraulic rear wall opening.

+ STABLE IN ANY POSITION

- 10 years warranty on Chassis frame
- hard-chrome plated lifting cylinder
- far outboard tilt ball bearing
- Trough floor in one piece
- hydraulic rear wall with locking hooks locked from above
- particularly stable due to suspension under under the axles and large spring spacing
- solid box sections

THE SPACE WONDER



TA 14045/2 PT+ with 2 tipping cylinders for optimum tipping stability



TA 20053/2 PT+ with conical trough, made of 4 mm thick sheet steel



TA 24080/2 PT+ Body length 8000 mm, with air suspension and automatic tipping lowering as standard



TR 34080/2 PT+ 34 t total weight, with hydraulic-mechanical or electric forced steering on request

Heavy duty Dumper Halfpipe

When the standard equipment not only meets requirements but also exceeds expectations, then our BRANTNER tippers are ready for the market. Our strict production requirements ensure that our tippers deliver what "Made in Austria" promises.

+ STEADY AND STABLE

- Trough made of wear-resistant 6 mm Hardox/Quard 450
- hard-chrome plated front cylinder
- Double C-pressed profile chassis frame
- maximum possible tipping bearing distance
- hydraulic rear wall opening with pendulum function
- spring-loaded towing device with draw tube and parabolic spring
- foldable underride guard
- additional hydraulic connection for quick lowering



Front cylinder
Hard-chrome plated for particularly high lifting force and tilt angle over 50 degrees



hydraulic pendulum flap
Double-acting hydraulic rear wall opening with double function



BPW pendulum unit
with reinforced axles square 150 x 20 mm, brake 410 x 180 mm



+ STEADY AND STABLE

- Trough made of 6 mm sheet steel
- conical loading surface
- optionally with extension walls
- Dump height 1000 mm
- reinforced 32 to spring unit
- Flange towing eye K 80 for 4 t maximum permissible drawbar load



TA 22053/2 XPT+
continuous 6 mm sheet steel, height 1000 mm



conical through
for easier slipping of the load



TA 22065/2 XPT+
Strong axles with 32 t suspension unit, flange towing eye K 80 for 4 t drawbar load

X-POWER-TUBE



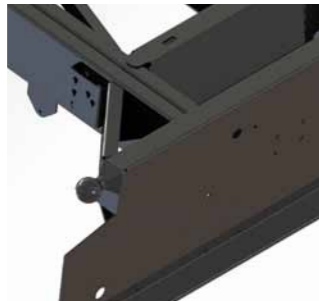
Chassis

10 years warranty on Chassis frame

Chassis frames are manufactured as double C- or G-pressed profile frames.

Closed double C-pressed section frame for maximum torsional stability, bending strength and excellent torsional properties.

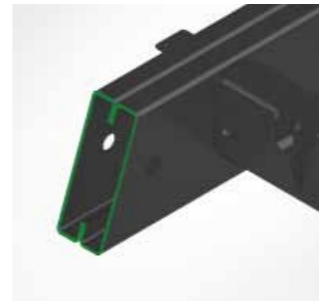
Frames made 100% in-house on state-of-the-art robot welding systems.



Ball tilt bearing



G-Frame



Double-C-Frame



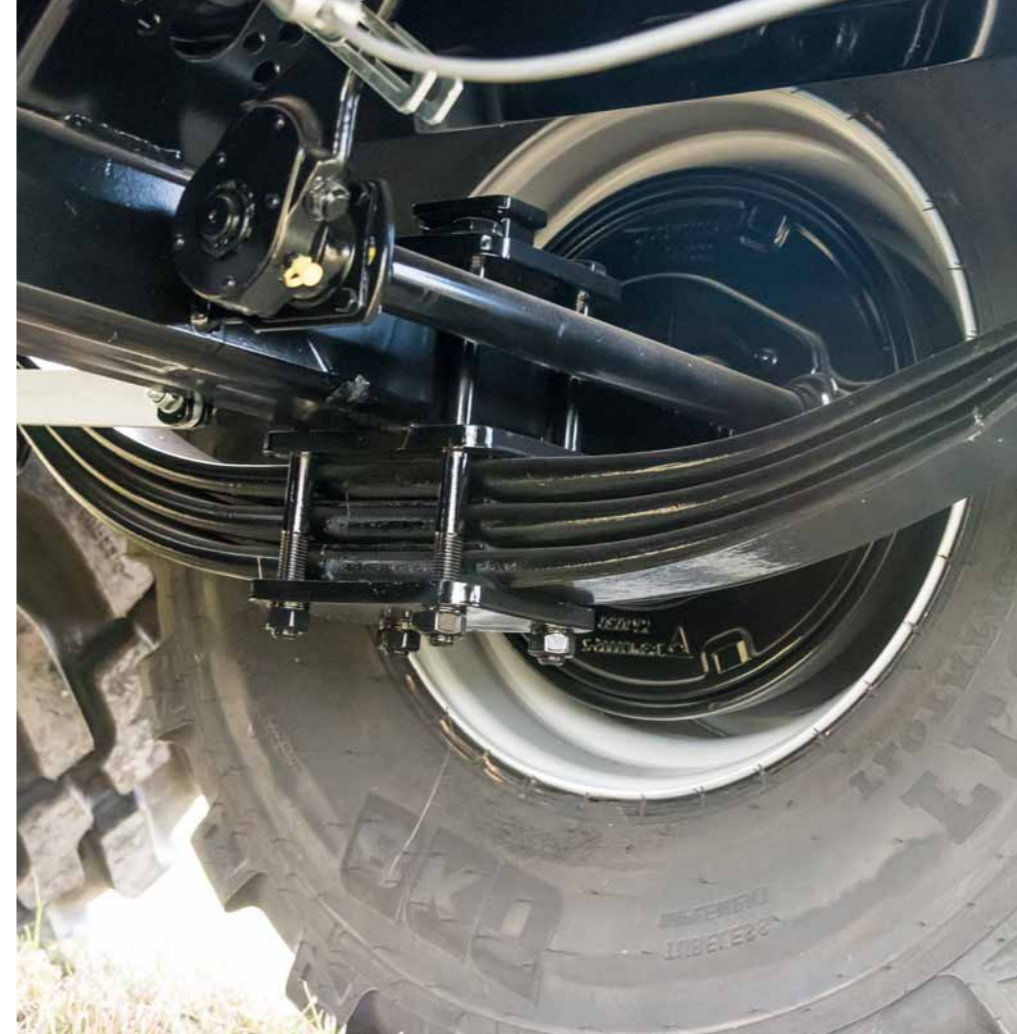
hydraulic-mechanical forced steering



electric forced steering



self steering axle



32 to spring unit with reinforced compensating rocker



Spring stabiliser
Highly recommended for steering axle (only possible with parabolic suspension)



Air suspension with two-blade handlebars
for optimum stability and off-road mobility



Hydraulic suspension
Highest possible curve and slope stability



HP premium control
Lift axle, starting aid, etc. (hydraulic suspension)



offset tandem unit
Suspension on steering axle adjusted, better stability and reduction of the roll tendency

Suspension

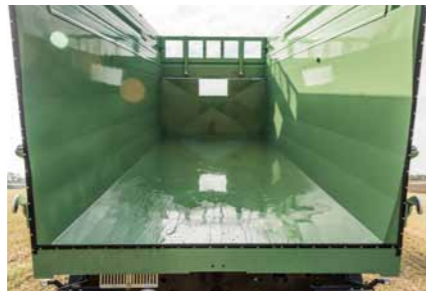
The absolute top model in the professional segment. Excellent suspension characteristics that protect the load and the vehicle against shocks and impacts.

The requirements are clearly specified: Easy operation, large loading volume as well as quick and trouble-free loading and unloading. These characteristics have always distinguished our BRANTNER tippers.

Body



Splash guard
Adjustable for optimal fit



conical trough
with absolutely smooth inner surfaces

hydr. rear wall and conical trough
Standard for top operating comfort
and safe slipping of the load



fold-down attachment walls
Hydraulic rear wall can be opened
when the top walls are folded down



hydraulically foldable attachment wall
optionally on the left or right side



Front wall
hydraulically foldable



Slide
for gentle unloading via laterally
folding slide



Divided walls
for more stability of the trough



Innovation by Brantner
Hydraulically controlled pendulum
function for opening and closing

+ **QUALITY THAT CONVINCES**

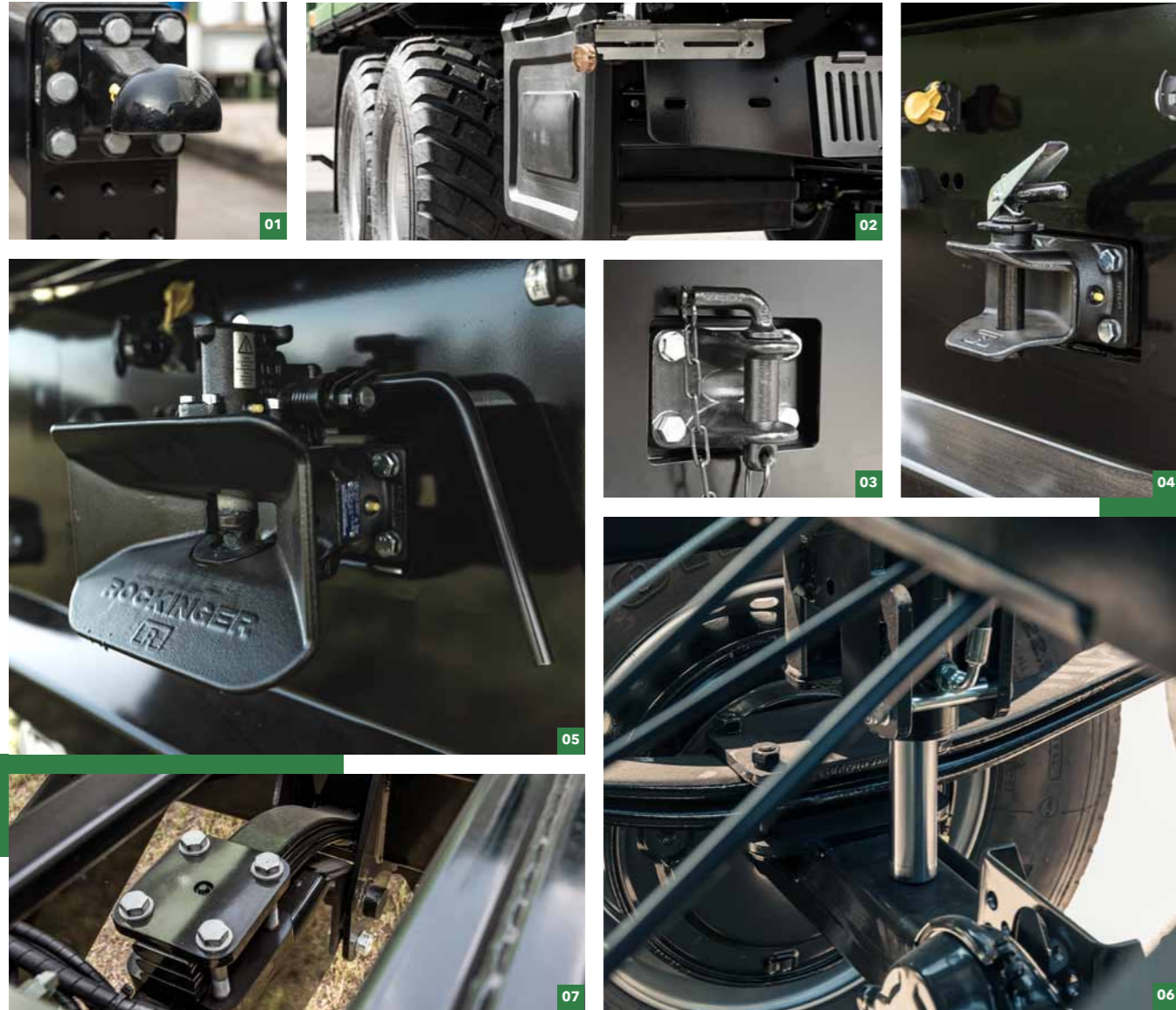
- Robust construction
- flexible application possibilities
- Operation from the towing vehicle
- available for all standard trough lengths

Dump truck reverse tipper with side tipping.
Our dump trucks are also suitable for unloading on the side; depending on the customer's wishes, the version can be ordered on the left or right. This results in flexible use of the dump truck for silage, grain or wood chip transport.

Alternatively also available as three-way tipper with STABILATOR body available.

Two and three-side tippers

Additional equipment



CHASSIS

- 01 Flange towing eye K 80
- 02 Toolbox
- 03 Shunting coupling
- 04 Mechanical trailer coupling
- 05 Automatic trailer coupling
- 06 Hydraulic rear axle support to avoid negative drawbar loads
- 07 Spring-loaded drawbar with parabolic spring



BODY

- 01 Sliding tarpaulin with hydraulic control
- 02 Mesh cover with hydr. or electric activation
- 03 Tarpaulin body with roller tarpaulin and operating platform
- 04 Viewing grid in trough end wall with plexiglass cover
- 05 Viewing grid with plexiglass cover in attachment wall
- 06 Full-width viewing grid in attachment wall
- 07 discharge channel - cannot be locked
- 08 discharge channel with additional fine dosing
- 09 discharge channel with additional fine dosing

Technical data

Models	E 8045 PT+	E 11045 PT+	TA 8045 PT+	TA 11045 PT+	TA 14045/2 PT+	TA 18045/2 PT+	TA 20053/2 PT+	TA 23065/2 PT+	TA 24073/2 PT+	TA 24080/2 PT+	TR 34080/2 PT+	TA 22053/2 XPT+	TA 22065/2 XPT+	TA 20053 HALF-PIPE
Total weight vehicle	8.000 kg	11.000 kg	8.000 kg	11.000 kg	13.900 kg	18.000 kg	20.000 - 21.000 kg	21.000 - 24.000 kg	24.000 kg	24.000 kg	34.000 kg	22.000 kg	22.000 kg	22.000 kg
Dead weight	2.900 kg	3.100 kg	3.500 kg	3.700 kg	3.800 kg	4.250 kg	4.960 kg	6.100 kg	7.220 kg	7.860 kg	9.100 kg	4.960 kg	6.100 kg	6.000 kg
Support load	1.000 kg	1.800 kg	1.000 kg	1.450 kg	1.500 kg	2.000 kg	2.000/3.000 kg	3.000/4.000 kg	4.000 kg	4.000 kg	4.000 kg	4.000 kg	4.000 kg	4.000 kg
Platform height	1.170 mm	1.200 mm	1.140 mm	1.100 mm	1.100 mm	1.110 mm	1.360 mm	1.340 mm	1.520 mm	1.520 mm	1.600 mm	1.340 mm	1.340 mm	1.300 mm
Total length	6.400 mm	6.400 mm	6.400 mm	6.400 mm	6.400 mm	6.400 mm	7.000 mm	8.140 mm	9.300 mm	10.000 mm	10.000 mm	7.000 mm	8.140 mm	7.400 mm
Total width	2.550 mm	2.550 mm	2.550 mm	2.550 mm	2.550 mm	2.550 mm	2.550/3.000 mm	2.550/3.000 mm	bis 3.000 mm	bis 3.000 mm	2.550/3.000 mm	2.550/3.000 mm	2.550/3.000 mm	2.550 mm
Trough size inside	4.550 x 2.230/2.280 mm	4.550 x 2.230/2.280 mm	4.550 x 2.230/2.280 mm	4.550 x 2.230/2.280 mm	4.550 x 2.230/2.280 mm	4.550 x 2.230/2.280 mm	5.300 x 2.230/2.280 mm	6.500 x 2.180/2.280 mm	7.300 x 2.180/2.280 mm	8.000 x 2.180/2.280 mm	8.000 x 2.180/2.280 mm	5.300 x 2.230/2.280 mm	6.500 x 2.180/2.280 mm	5.300 x 2.250/2.300 mm
Trough height inside	1.500 mm	1.500 mm	1.500 mm	1.500 mm	1.500 mm	1.500 mm	1.500 mm	1.500 mm	1.500 mm	1.500 mm	1.500 mm	1.000 mm	1.000 mm	1.200 mm
Sheet thickness trough	4 mm	4 mm	4 mm	4 mm	4 mm	4 mm	4 mm	4 mm	4 mm	4 mm	4 mm	6 mm	6 mm	6 mm
Load volume	15 m ³	15 m ³	15 m ³	15 m ³	15 m ³	15 m ³	18 m ³	22 m ³	24 m ³	27 m ³	27 m ³	12 m ³	15 m ³	13 m ³
Loading volume with AW 600 mm	22 m ³	22 m ³	22 m ³	22 m ³	22 m ³	22 m ³	25 m ³	31 m ³	34 m ³	38 m ³	38 m ³	19 m ³	23 m ³	-
Loading volume with AW 800 mm	-	-	-	-	-	-	-	34 m ³	37 m ³	41 m ³	41 m ³	-	26 m ³	-
Trailer hitch height	900 mm	800 - 910 mm	860 mm	600 - 710 mm	600 - 710 mm	600 - 710 mm	400 - 1.000 mm	400 - 1.000 mm	370 - 670 mm	370 - 670 mm	580 - 720 mm	400 - 1.000 mm	400 - 1.000 mm	400 - 800 mm
Square axle	70 mm	90 mm	70 mm	70 mm	90 mm	120 mm	120 mm	150 mm	150 mm	150 mm	150 mm	150 mm	150 mm	150 mm
Track	1.800 mm	1.800 mm	1.800 mm	1.800 mm	1.800 mm	2.000 mm	2.000 mm	2.225 mm	2.225 mm	2.225 mm	2.225 mm	2.000 mm	2.225 mm	1.900 mm
Number of lifting cylinders	1	1	1	1	2	2	2	2	2	2	2	2	2	1
Stage diameter lifting cylinder	60/75/90/105 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	75/90/105/120 mm	75/90/105/120 mm	75/90/105/120/140 mm	75/90/105/120/140 mm	75/90/105/120/140 mm	75/90/105/120 mm	75/90/105/120 mm	69/88/107/126 mm
Cylinder stroke	1.800 mm	1.800 mm	1.800 mm	1.800 mm	1.800 mm	1.800 mm	1.800 mm	2.000 mm	3.000 mm	3.000 mm	3.000 mm	1.800 mm	2.000 mm	4.700 mm
Tilt angle backwards	>50 °	>50 °	>50 °	>50 °	>50 °	>50 °	>50 °	>50 °	>50 °	>50 °	>50 °	>50 °	>50 °	>50 °
required oil quantity	11 l	15 l	11 l	15 l	22 l	22 l	30 l	37 l	65 l	65 l	65 l	30 l	37 l	37 l
Standard tyres	355/60 R 18 (16) MPT	385/65 R 22.5 LKW retread	15.0/55 - 17 (10) AW	355/60 R 18 (16) MPT	500/50 - 17 (14) AW	445/45 R 19.5 LKW new	385/65 R 22.5 LKW retread	385/65 R 22.5 LKW retread	550/60 - 22.5 neu (16) Profil I	550/60 - 22.5 neu (16) Profil I	560/60 R 22.5 new 161 D	385/65 R 22.5 LKW retread	385/65 R 22.5 LKW retread	650/55 R 26.5 new 169 D

Contact

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.



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.

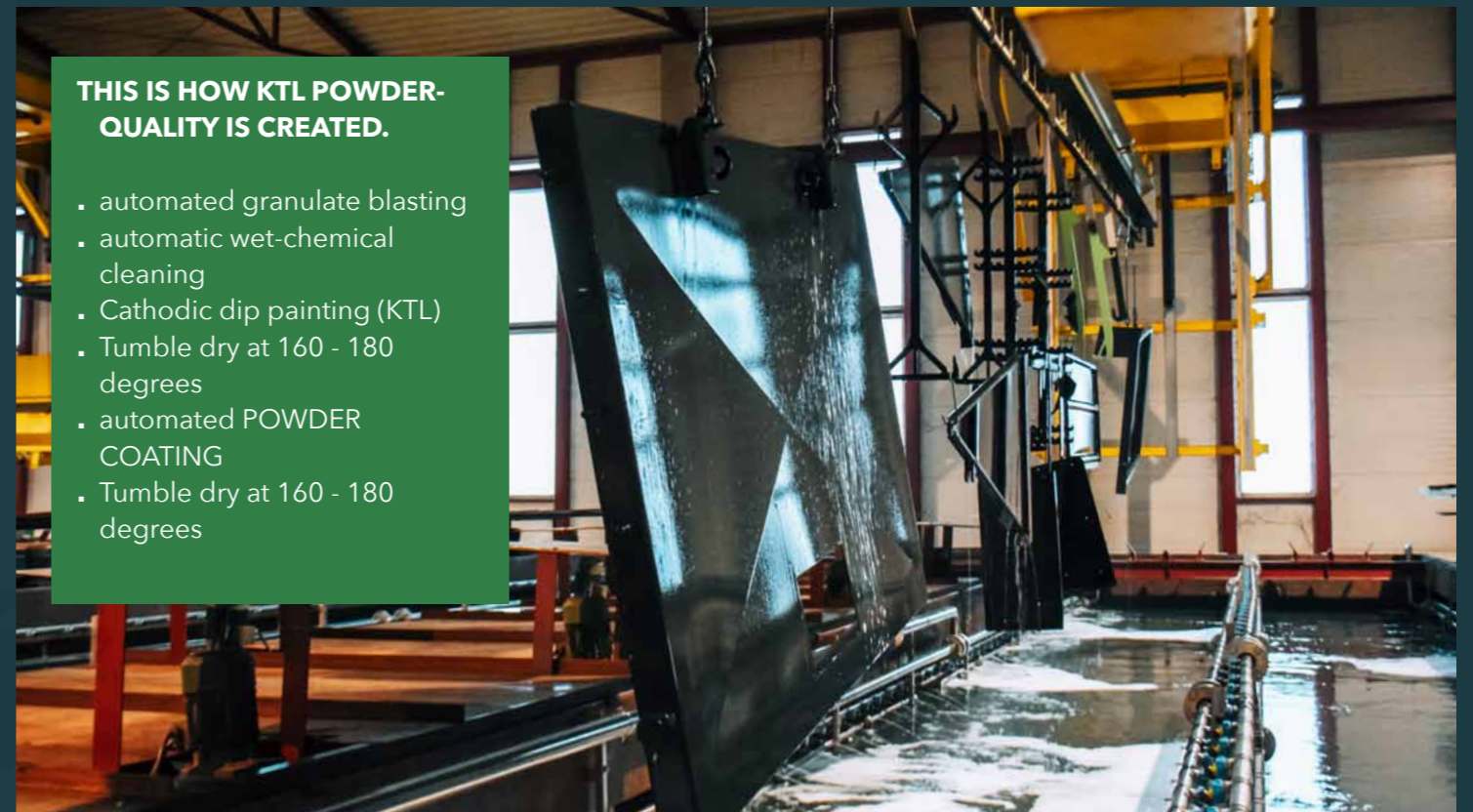
FLEXIBILITY.

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!

Values across borders.



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



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.