Tandem off-road trough tipping trailer TP22



Produktvorteile und Optionals

Fahrzeugdetails

TYPE DESIGNATION

2-AXLE-CENTRAL-AXLE HEAVY-DUTY-SEGMENT-TROUGH-TIPPING-TRAILER - OFF-ROAD - type: TP22 For handling bulk materials such as sand, gravel, rubble, ground excavation etc. on building sites

DIMENSIONS

Internal length: approx. 5,300 mm Internal width: approx. 2,330 mm Loading space internal height: approx. 1,200 mm Load volume: approx. 13,5 m³ Total width: max. 2,550 mm Loading height unloaded: approx. 1,500 mm

FRAME

Central-axle welded steel frame construction in weight-optimised design Lightweight frame made of high-strength fine-grain steel, for use with wide tyres with a total max. width of 2,550 mm

CHASSIS

BPW swing axle unit with drum brakes, 410/180 mm S-cam brake, 24 t/30 t payload,

off-road model Axle base 1,550 mm 1st and 2nd axles are rigid Without axle lift
Tyres: 4 tyres 650/55 R 26.5″ 4 steel rims 20.00 x 26.5″

SUPPORT FIXTURES

1 front hydraulic support leg, support load 8 t, can be uncoupled when loaded, actuation via towing vehicle

BRAKE SYSTEM

Dual-circuit pneumatic braking system Braking system make: Wabco Hydraulic ALB controller Without ABS - for tractor operation up to 40 km/h Spring-loaded parking brake on both axles Steel air tank 80 l Brake/air connection lines with 2 single coupling heads yellow/red Hose lines laid via hose tower

ROLLER TARPAULIN

Without roller tarpaulin and not equipped for it

ELECTRICAL EQUIPMENT

12/24 volt lighting unit 2 full-LED rear lights 2 LED front position lights 2 LED rear marker lights LED side marker lights 2 LED license plate lights Fixed connection cable with 1 x 13-pole plug with adapter to 7-pole

PAINTWORK

Steel granulate cleaning, zinc dust priming and spray painting with 2-component commercial vehicle acrylic paints (RAL or truck standard colour)

Plastic parts and hot-dip galvanised parts unpainted, powder-coated black add-on/installation parts

ATTACHMENTS

Side collision protection made of aluminium profiles according to regulations

WEIGHTS

Gross train weight (perm.): 22 t Gross weight (techn.): 28 t in off-road use with 4 t support load Tare weight: approx. 5,9 t (+/- DIN tolerance)

ACCESSORIES

Rear mudguards made of galvanized steel sheet, with splash guard Fixed steel form tube underride guard 2 wheel chocks, according to regulations, with mounting on the front panel Noise damper = rubber pads

HYDRAULICS

Hydraulic supply for 2-pipe hydraulics with 4 or more double-acting control units for: tipping, drawbar, jack, rear wall (oil filling volume approx. 40 l) 1x front-mounted press tipping mechanism for rearward tipping at approx. 55 °

LABELLING

Schwarzmüller lettering on the side Schwarzmüller lettering at the rear Side reflecting contour marking strips in white/silver across entire length of sides and two top corners of skip, according to ECE 48 Rear reflective contour marking strips in red, circumferential full contour markings, according to ECE 48

TOWING DEVICE

Heavy-duty V drawbar in welded framework construction, hydraulically adjustable height approx. 500 mm and dampened with heavy-duty ball coupling K80

TIPPING TROUGH

Steel trough with reinforced base plate made of abrasion-resistant steel (HB450) and reinforced closed upper belt Base thickness 6 mm = full base plate, wall thickness 6 mm Front wall and rear wall inclined, full steel mudguard (valance) on both sides covering the external wheel area Increased excavator protection Special steel rear panel for extra-high opening with low-level payload, extra hinge and lateral latching mechanism including double-acting hydraulic cylinders with overcentre valve for hydraulic actuation from the tractor, no chute

Impressionen



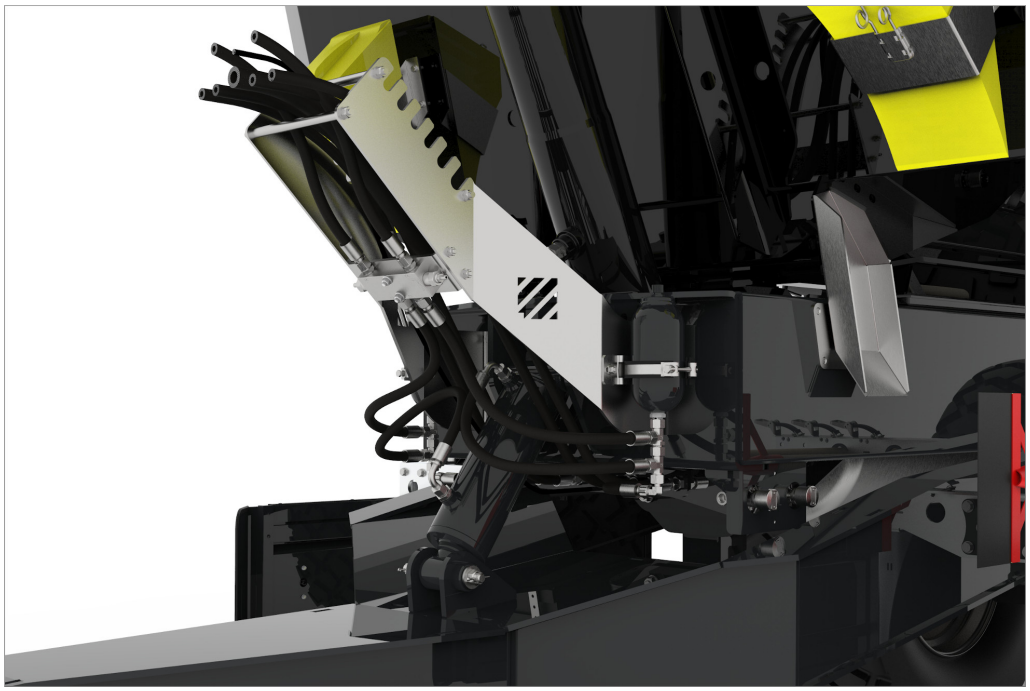
A proven and sophisticated solution ensuring perfect stability in the rear end area throughout the entire tipping process.



This special frame design of large profiled steel pipes is the main supporting element. Crossbars provide extra stability throughout the entire tipping process.



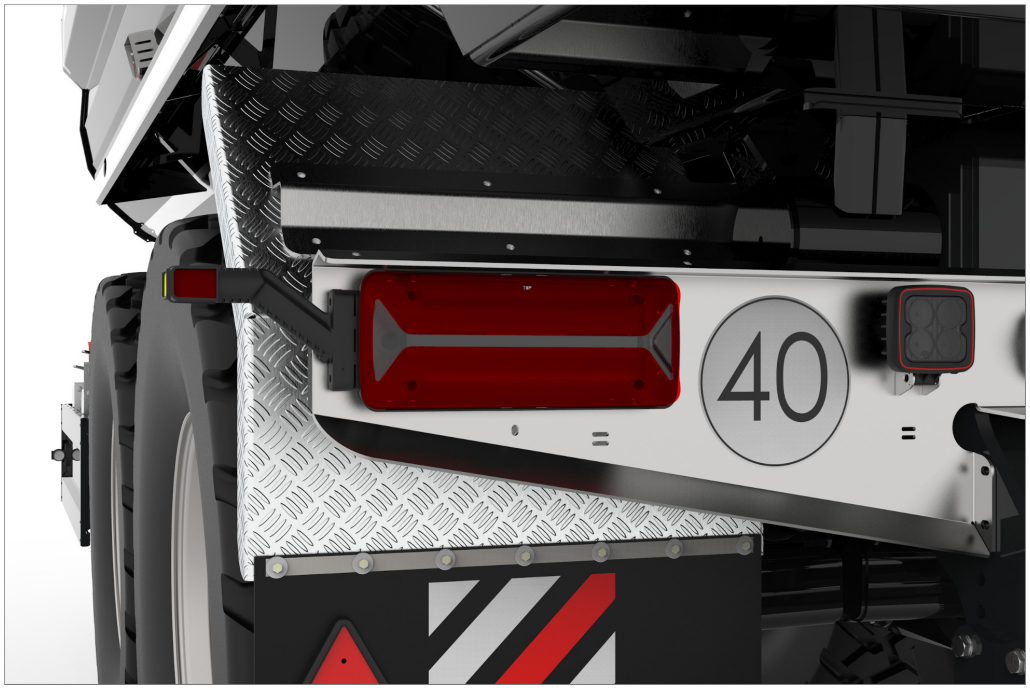
BPW’s 30 t heavy-duty swing axle unit with bilateral axle load compensation plus its 650/55 R26.5" tyres ensure a perfect grip on roads and outstanding off-road performance.



The V-shaped drawbar is designed for up to 4 t of load and is equipped with a convenient hydraulic damping mechanism. It absorbs every impact and yields a comfortable driving response.

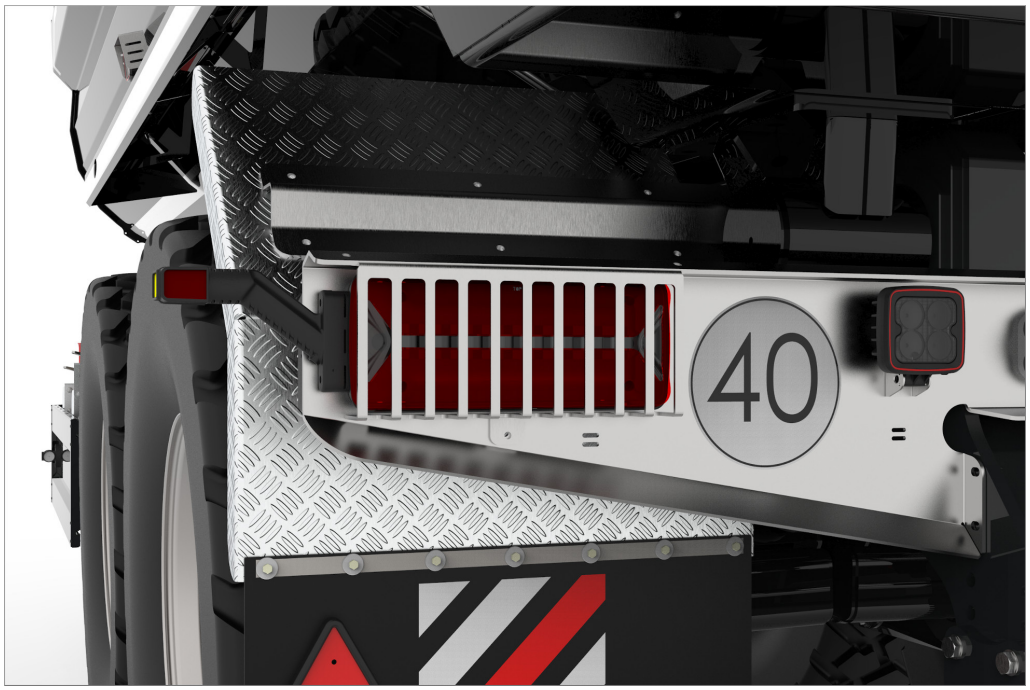


To ensure a perfect connection to the tractor, all connecting lines are protected in a hose duct.



All light is produced by LEDs in vehicle lamps that are mounted in protected places and support multi-volt operation

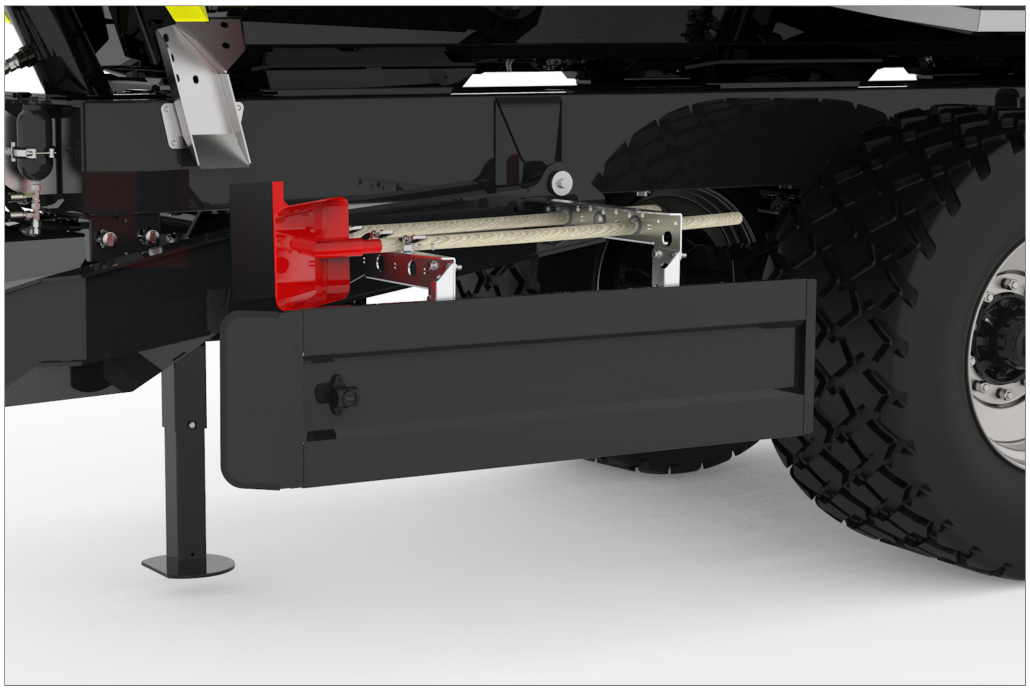
(12/24V).



OPTIONAL: The LED tail lamps are mounted in a protected place. Their removable wire mesh guard enhances the safety of every service use (wire mesh guards not permitted on public roads).



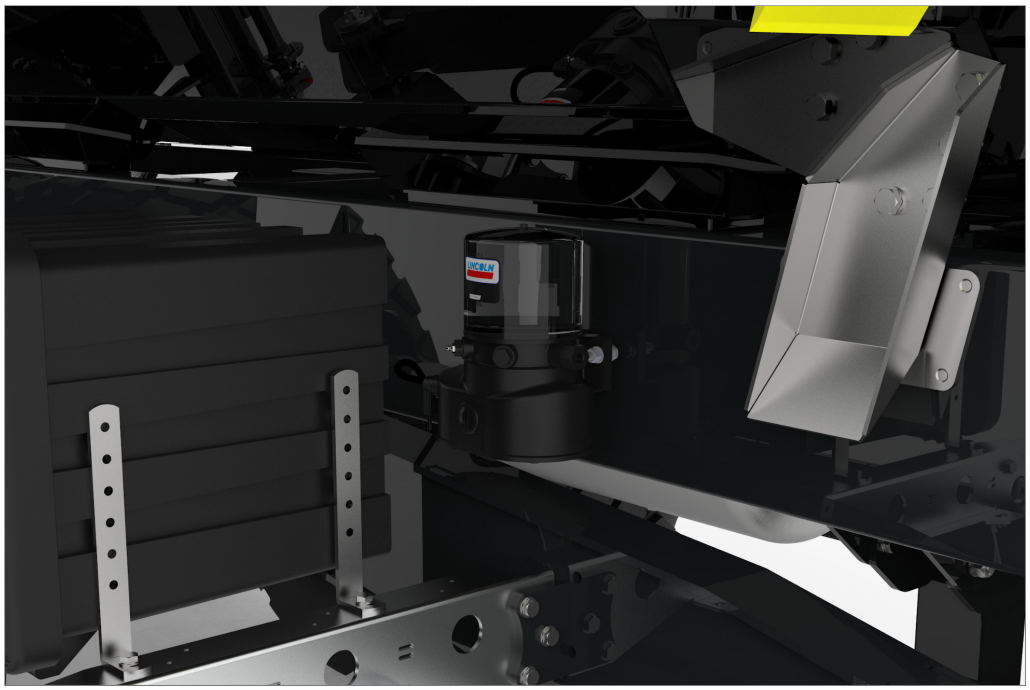
OPTIONAL: The heavy-duty rock tipper of abrasion-resistant steel (HB450) with 8 mm floor and 6 mm side walls will help you handle even the toughest jobs.



OPTIONAL: Side impact protection gives you extra safety in road traffic (compulsory in many countries).



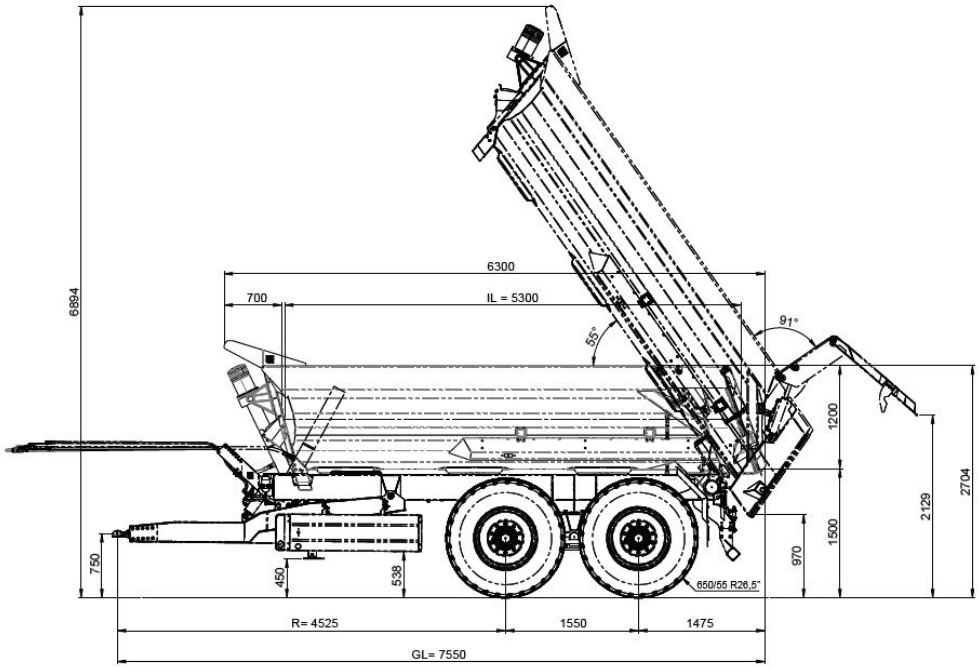
OPTIONAL: Plastic toolbox for extra stowing volume



OPTIONAL: The central lubrication unit provides the entire vehicle with the required lubrication.



OPTIONAL: 2 reversing lamps and 4 lateral working lamps for good all-round visibility.


6894
6300
700
IL = 5300
55°
91°
1200
2704
2129
1500
970
750
450
538
650/55 R26,5"
R= 4525
1550
1475
GL= 7550