Price list P-MUP20SP.1

Version: 10/2017



terraliner Centre-axle heavy-duty dump trailers

(Dumper)

Type: MUP20SP 20 tonnes permissible total weight

Standard equipment:

Tyres: 4 x 550/60-22.5 "new" 16PR on centre well rims 40 km/h, profile 328

Axles: 24 tonnes ADR bogie axle unit with parabolic spring suspension and reinforced 2 x 16.5 tonnes tapered roller

bearing axles, 2050 mm track width, wheel brake 420 x 180 mm, 150 mm square axle, 1640 mm wheelbase

Draw gear: rigid drawbar with 40 mm 18 tonnes flanged towing eye DIN11026 screwed on (coupling required

on the tractor, DIN 11029), (for agricultural purposes only) mechanical saddle landing gear with rapid speed

Chassis frame: steel-welded construction, main load bearer made from torsion-resistant square tube profiles dual line service brake system with automatic load-dependent brake force control (ALB),

4 x diaphragm brake cylinder, spindle parking brake on the front axle

Tipping system: Rearwards tipping system, hydraulic multi-piston press, 1-line system,

Steel trough: conical rearwards tipping trough, slanted protective guide plate for the bulkhead,

Floor plate thickness of 6 mm (ST52), side walls with 4 mm thickness (ST52), hydraulic tailgate opening,

integrated locking block with load retention valve

Electrical system: 12 Volt system according to the guidelines of the StVZO (German traffic laws) with 7-pin connecting cable,

triangular reflector and yellow side reflectors, 3 chamber lamps (rubber mounted),

number plate lights, position lights

Accessories: stable foldable underride protection, 2 x wheel chocks with bracket, plastic mudguard

at the rear, hose cabinet for all supply lines on the drawbar,

resting point supports for tipping trough to reduce the noise during driving operation

Paintwork: vehicle blasted with steel grit and also degreased, chip-resistant primer,

top coat in German quality dual-component gloss paint.

Tipping trough: RAL 3020 traffic red
Chassis: RAL 9011 graphite black

Technical data: Permissible total weight: 20,000 kg (On-Road) – 28,000 kg (Off-Road)

Empty weight: approx. 6,600 kg (depending on equipment)

Payload: approx. 13,400 kg (On-Road) – 21,400 kg (Off-Road)
Drawbar load: 2,000 kg (optionally, also 2,500 or 4,000 kg possible),

see equipment F 3227 / F 3327 / F 3347)

Tipping angle: approx. 60°

Tipping cylinder oil

requirement: approx. 41.6 litres

Cargo area

dimensions: Trough inside: approx. $5,600 \text{ mm L x } 2,300 / 2,210 \text{ mm W x } 1,005 \text{ mm H} \cong \text{approx. } 12.57 \text{ m}^3$

(Technical changes reserved)

P-MUP20SP.1 Basic price terraliner Type: MUP20SP **Ancillary equipment subject to charge: SUPERSTRUCTURE** A 130V Floor plate 8 mm instead of 6 mm A 142V Floor plate "HARDOX450" or "RAEX450" or "Durostat450" 6 mm wear and pressure-resistant steel A 145V Side panels "HARDOX450" or "RAEX450" or "Durostat450" 6 mm including front and rear board walls, wear and pressure-resistant steel A 146V Floor plate "HARDOX450" or "RAEX450" or "Durostat450" 8 mm wear and pressure-resistant steel A 180V Pluggable side panel extensions (steel) 600 mm all around (not cereal grain tight / the protective guide plate on the bulkhead must be removed for this purpose) A 270V Mobile aluminium stepladder mounted on the side of the chassis **CHASSIS** F 1307 Towing device at the rear F 1807 Plastic mudguard, front axle (required for warning panel packet) F 3227 Reinforced height-adjustable, rubber bearing draw bar, dimensioned for 4 tonnes bearing load (mandatory from 4 tonnes bearing load), version as central tube Hydraulically suspended towing device instead of fixed towing device (double-acting control unit F 3257 required) F 3287 Hydraulic jack instead of the mechanical landing gear (double-acting control unit required) F 3297 Double hydraulic jack instead of the mechanical landing gear (double-acting controller required) F 3327 SCHARMÜLLER round shaft draw head Type K80 up to 4 tonnes drawbar load SCHARMÜLLER round shaft drawbar eye Type D 40 mm diameter up to 2.5 tonnes drawbar load, F 3347 DIN 11026 F 4637 ALB valve for swivel axle unit instead of manual force control (only in combination with F 3257) F 4647 Mechanical ALB valve for swivel axle unit instead of manual force control (in combination with F 3227) F 4687 Brake system with Duomatik couplings F 5107 Side marking lights (LED) F 5147 Contour marking film, yellow on the side and rear of the vehicle (mandatory for approval > 60 km/h) F 5167 Position and number plate lights as LED version Warning sign package for wide loads (required from a width of 2750 mm, only in conjunction with F F 5197 3-unit rear lights, round, LED version F 5217 2 x LED reversing lights on the rear of the vehicle (12 Volt 3-pin socket required) F 5267 Protective grids for the rear lights, screw-on version (not permitted on German public roads) F 5277 separate switching box with 2 x toggle switches (on+off) for the operation of two electric functions, power supply via 3-pin socket 12 Volt) F 5487 Quick lowering for tipping hydraulic via the 2 hose system (double-acting control unit required) F 6017 Axle wheelbase > 1800 mm for 24 tonnes total weight (only in combination with F 6217) F 6157 ADR bogie axle unit with self-steering axle (max. 60 km/h), 2,150 mm track, 1,640 mm wheelbase, 12 tonnes axle load (at 40 km/h), wheel brake 420 x 180 mm, 150 mm square axle (brake cylinder mounted at bottom) F 6167 TRIDEC hydraulic spring system including BPW axles (max. 60 km/h), track 2,150 mm; second axle forced steering, 12 tonnes axle load (at 40 km/h); wheel brake 410 x 180 mm; 150 mm square axle (brake cylinder mounted at top) F 6207 Hydraulic spring system including BPW axles (max. 60 km/h), track 2,150 mm; second axle forced steering, 12 tonnes axle load (at 40 km/h); wheel brake 410 x 180 mm; 150 mm square axle (brake F 6217 Hydraulic spring system including BPW axles (max. 60 km/h), track 2,150 mm; second axle forced steering, 11 tonnes axle load (at 40 km/h); wheel brake 410 x 180 mm; 150 mm square axle (brake cylinder mounted at top)

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F 7207 1st axle carried out as lift axle (only possible in combination with hydraulic spring suspension)

F 6917 22 tonnes swivel axle unit with ADR axles, (max. 40 km/h), 2,050 mm track width, unsprung with trailer brake valve and manual force control (without ALB), wheel brake 420 x 180 mm, 150 mm

F 6927 22 tonnes swivel axle unit with BPW axles, (max. 40 km/h), 2050 mm track width, unsprung with trailer brake valve and manual force control (without ALB), wheel brake 410 x 180 mm, 150 mm

F 7217 1st axle carried out as lift axle (only for Tridec spring suspension (equipment F 6167)

square axle

square axle

F 8017 Electrically switched rear-axle support for hydraulic spring suspension (increased stability)

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F 8907	Tritronic for Tridec suspension electric control of the hydraulic suspension including automatic height regulation, alignment of the axles, wireless remote control (only in combination with F 6167)	
F 8917	Spirit level function for Tridec suspension (only in combination with F 6167)	
F 9027	Electronic load control with signal lamp on the vehicle (only possible in combination with hydraulic spring suspension, 12 Volt, 3-pin socket required)	
F 9257	Central lubrication system BEKA-MAX with 12 Volt electric pump for Kröger MUP20SP / VG	
	(standard springs & pendulum), 1.2 kg grease storage tank; adjustable pump element with	
	overpressure valve for checking the lubricating points - lubricating interval adjustable via a time	
E 0007	switch; progressive distributor; designed for up to 21 lubricating points (12 Volt, 3-pin socket required) Central lubrication system BEKA-MAX with 12 Volt electric pump for Kröger MUP20SP (hydraulic	-
F 9287	spring suspension & steering axle), 1.2 kg grease storage tank; adjustable pump element with	
	pressure relief valve for checking the lubricating points - lubricating interval adjustable via a time	
	switch; progressive distributor; designed for up to 29 lubricating points (12 Volt, 3-pin socket required)	
F 9307	Tie rod, forced steering, with additional automatic telescope	
Info:	(For forced-steering axles, a cracked push rod with ball K50 is supplied as standard. A straight push	
	rod with locking pin can also be supplied as an alternative)	
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R	WHEELS	_
R 2637	Tyres, "new" 650/55R26.5 BKT FLOTATION RADIAL, profile FL 630, (65 km/h) 169D, (tyre load at	
D 0007	1.5 bar 10 km/h = 5,185 kg) Tyrog "now" 600/55/206 5 MICHELIN CARCOVEIN (65 km/h) (hyro conceity at 1.5 bar 10 km/h =	
R 2667	Tyres, "new" 600/55/R26.5 MICHELIN CARGOXBIN (65 km/h) (tyre capacity at 1.5 bar 10 km/h = 5,380 kg)	
R 2767	Tyres, "new" 600 / 55R26.5 BKT FLOTATION RADIAL, profile FL 630, (65 km/h) 165D, (tyre load at 1.5 bar 10 km/h = 4,525 kg)	
R 2677	· · · · · · · · · · · · · · · · · · ·	

Tyres, "new" 600/55R26.5 NOKIAN CT BAS (65 km/h) 169D, (tyre load at 1.5 bar 10 km/h = 5,000 kg) R 2777 Tyres, "new" 650/55R26.5 ALLIANCE FLOTATION RADIAL profile I 390 (65 km/h) HEAVY DUTY (tyre load at 1.5 bar 10 km/h = 6,700 kg) R 2807 Tyres, "new" 650/55R26.5 NOKIAN CT BAS (65 km/h) 177D, (tyre load at 1.5 bar 10 km/h = 5,220 kg) R 3007 Tyres, "new" 24R20.5 Michelin profile XS, (65 km/h) 176F, tyre load at 1.5 bar 10 km/h = 5,000 kg) Info: From total external width of 2750 mm, equipment F 5177 warning sign package must be selected L **PAINTWORK** L 1007 Special paintwork, chassis according to RAL tone L 1307 Special paintwork, trough according to RAL tone L 1507 Stone chipping protection coating on the tipping bridge in the area above the wheels Т **EXPERT'S REPORT/HANDING OVER** T 1501 Expert's report for 40 km/h registration T 2001 Expert's report for 60 km/h registration (max. 2 tonnes drawbar load permitted) T 9004 Transport costs, German post code 0-4 T 9104 Transport costs, German post code 5-9 All prices indicated are subject to legal VAT. Version: October 2017

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