Price list P-MUP20HP.12

Version: 10/2017



terraliner Centre-axle heavy-duty dump trailers

(Half-pipe)

Type: MUP20HP 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, front tipping cylinder, 1 line system

Steel trough: half-pipe 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 mudquard

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. 5,500 kg (depending on equipment)

Payload: approx. 14,500 kg (On-Road) – 22,500 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. 58°

Tipping cylinder oil

requirement: approx. 43.2 litres

Cargo area

dimensions: Trough inside: approx. 5,300 mm L x 2,300 mm W x 900 mm H \cong approx. 10.3 m³

(Technical changes reserved)

	P-MUP20HP.12	
	Basic price terraliner Type: MUP20HP	
	Ancillary equipment subject to charge:	
	SUPERSTRUCTURE Trough height 1200 mm instead of 900 mm (cargo volume acc. to DIN approx. 12.7 m³) Semi-rounded trough made completely from "HARDOX450" or "RAEX450" or "Durostat450" 6 mm	
A 1367	wear and pressure-resistant steel Semi-rounded trough made completely from "HARDOX450" or "RAEX450" or "Durostat450" 8 mm wear and pressure-resistant steel	
A 2707	·	
F	CHASSIS Towlers device at the year	
		Н
	Plastic mudguard, front axle (required for warning panel packet)	Н
F 3227	(mandatory from 4 tonnes bearing load), version as central tube	
F 3257	Hydraulically suspended towing device instead of fixed towing device (double-acting control unit required)	
F 3287	Hydraulic jack instead of the mechanical landing gear (double-acting control unit required)	П
	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	
F 3347	SCHARMÜLLER round shaft drawbar eye Type D 40 mm diameter up to 2.5 tonnes drawbar load, DIN 11026	
F 4637	ALB valve for swivel axle unit instead of manual force control (only in combination with F 3257)	
	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)	
	Contour marking film, yellow on the side and rear of the vehicle (mandatory for approval > 60 km/h)	
	Position and number plate lights as LED version	Ц
F 5177	Warning sign package for wide loads (required from a width of 2750 mm, only in conjunction with F 1807)	
	3-unit rear lights, round, LED version	
	2 x LED reversing lights on the rear of the vehicle (12 Volt 3-pin socket required)	Ц
	Protective grids for the rear lights, screw-on version (not permitted on German public roads)	Ц
F 5277	power supply via 3-pin socket 12 Volt)	
	Quick lowering for tipping hydraulic via the 2 hose system (double-acting control unit required)	Ц
	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	
F 6207	(brake cylinder mounted at top) Hydraulic spring system including BPW axles (max. 60 km/h), track 2,150 mm; second axle forced	
F 6217	steering, 12 tonnes axle load (at 40 km/h); wheel brake 410 x 180 mm; 150 mm square axle (brake 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 ton)	
F 6917	trailer brake valve and manual force control (without ALB), wheel brake 420 x 180 mm, 150 mm	
F 6927	square axle 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 8017 Electrically switched rear-axle support for hydraulic spring suspension (increased stability)
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 7207 1st axle carried out as lift axle (only possible in combination with hydraulic spring suspension)

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

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F 8917 F 9027	Spirit level function for Tridec suspension (only in combination with F 6167) Electronic load control with signal lamp on the vehicle (only possible in combination with hydraulic	
	spring suspension, 12 Volt, 3-pin socket required)	Ц
F 9267	Central lubrication system BEKA-MAX with 12 Volt electric pump for Kröger MUP20HP (standard springs), 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 23 lubricating points (12 Volt, 3-pin socket required)	Ц
F 9277	Central lubrication system BEKA-MAX with 12 Volt electric pump for Kröger MUP20HP (hydraulic	
	suspension & steering axle), 1.2 kg grease storage tank; adjustable pump element with overpressure valve for checking the lubricating points - lubricating interval adjustable via a time	
	switch; progressive distributor; designed for up to 31 lubricating points (12 Volt, 3-pin socket	
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)	
R	WHEELS Tyres, "new" 650/55R26.5 BKT FLOTATION RADIAL, profile FL 630, (65 km/h) 169D, (tyre load at	П
K 2031	1.5 bar 10 km/h = 5,185 kg)	
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	
R 2677	1.5 bar 10 km/h = 4,525 kg) Tyres, "new" 600/55R26.5 NOKIAN CT BAS (65 km/h) 169D, (tyre load at 1.5 bar 10 km/h = 5,000	H
R 2777	kg) Tyres, "new" 650/55R26.5 ALLIANCE FLOTATION RADIAL profile 1 390 (65 km/h) HEAVY DUTY	Н
1 2111	(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	
R 3007	kg) Tyres, "new" 24R20.5 Michelin profile XS, (65 km/h) 176F, tyre load at 1.5 bar 10 km/h = 5,000 kg)	Н
Info:	From total external width of 2750 mm, equipment F 5177 warning sign package must be selected	Ш
	DANITMODY	
L L 1007	PAINTWORK Special paintwork, chassis according to RAL tone	П
L 1307	Special paintwork, trough according to RAL tone	H
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)	Н
	Transport costs, German post code 0-4 Transport costs, German post code 5-9	Н
1 0104	All prices indicated are subject to legal VAT.	Ш
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	Version: October 2017	
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