Price list P-MUK402.24

Version: 11/2023



a g r o l i n e r Centre-axle dump trailers

Type: MUK402 31 tonnes permissible total weight

Standard equipment for:

Tyres:	6 x 425/65 R22 5 "NFW"	' tyres on centre well rims approved for 100 km/h			
Axles:	ADR axles 3 x 12 tonnes (60 km/h), 2150 mm track width (technical 105 km/h),				
	automatic slack adjuster, wheel brake 420 x 180 mm, 150 mm square axle				
Springs:	36 tonnes parabolically suspended linked steering unit with dynamic brake compensation,				
1 0	1550 mm axle wheelbas				
Steering:	3rd axle carried out as se	axle carried out as self-steering axle, hydraulic lock			
Draw gear:	rigid towing device with Scharmüller parallel shank drawbar head Type K80, 4 tonnes drawbar load				
-	up to 40 km/h (2 tonnes	when more than 40 km/h), mechanical saddle landing gear with rapid speed			
Chassis frame:	steel-welded construction	n, main load bearer made from torsion-resistant square tube profiles			
Brake system:	dual line service brake s	ystem with automatic load-dependent brake force control (ALB),			
	6 x diaphragm brake cyli	nders, automatic parking brake (spring brake cylinder)			
Tipping system:	rearwards tipping system	ards tipping system, hydraulic multi-piston press, 1 line system, hydraulic stroke limiter, safety rope			
Steel trough:	a: conical rearwards tipping trough (optionally also as two or three-way tipper - see A 1505/1605),				
	Trough with angled shaped side board walls, sturdy top frame made from square tube, removable				
		ladder on the front wall, floor plate 4 mm thick, side panels with 3 mm thickness, hydraulic			
	tailgate opening with rubber seal, safety lock and driver display, grain feed in the middle in the rear wall				
	with removable discharg				
Electrical system:	• •	to the StVZO (German traffic laws) with 7-pin connecting cable, triangular reflector			
	•	amps, 3 function lights (rubber mounted), number plate lights, position lights			
Accessories:		protection made from round tube, 2 x wheel chocks with bracket, plastic			
	•	nd rear, warning panel package front and rear, hose cabinet for all supply lines on			
	-	aps for the screw connections, resting point supports for tipping trough for reducing			
Deintwork	the noise during driving of				
Paintwork:	vehicle blasted with steel grit and also degreased, chip-resistant primer, sealing of areas in particular corrosion using bodywork sealing compound, top coat in German quality dual-component gloss paint				
	Tipping trough:	Kröger green			
	Chassis:	Kröger red			
Technical data:		31,000 kg (optionally, 34,000 kg also an option, see equipment F 6015)			
	Empty weight:	approx. 8,100 kg (in the basic equipment)			
	Payload:	approx. 22,900 kg			
	Drawbar load:	4,000 kg to 40 km/h (2,000 kg faster then 40 km/h)			
	Catwalk height:	approx. 1,350 mm (in the basic equipment)			
	Oil requirement:	approx. 48.8 litres (depending on equipment)			
Cargo area	outside:	approx. L 8,180 mm x W 2,550 mm x H 1,480 mm			
dimensions:	inside:	approx. 8,000 mm L x 2,260 mm B x 1,480 mm H ≅ 26.75 m³			

(We reserve the right to make technical modifications; vehicles of this vehicle type may be towed only behind agricultural or forestry tractors as standard. Otherwise, special vehicle equipment must be selected; consulting is required)

Basic price a groliner Type: MUK402

Ancillary equipment subject to charge:

A <u>SUPERSTRUCTURE</u>

A 1025 Trough height approx. 1730 mm instead of 1480 mm

A 1045	Trough height approx.	1950 mm instead of 1480 mm (observe the overall vehicle height, delive	ry
	without tyres)		

- A 1075 Trough height approx. 2200 mm instead of 1480 mm (observe the overall vehicle height, delivery without tyres, only in conjunction with hydraulic suspension)
- A 1255 Trough length 9000 mm instead of 8000 mm (only possible in combination with equipment F 0155)
- A 1505 Two-sided tipping mechanism with swivel side panels, 600 mm high + centre post as well as rubber seal (catwalk height approx. + 100 mm)
- A 1805 Sidewall extensions (steel) 500 mm, can be folded open all around and can be removed, with viewing window at the front (not cereal grain tight)
- A 1835 Sidewall extensions (steel) 800 mm, can be folded open all around and can be removed, with viewing window at the front (not cereal grain tight)
- A 2615 "Shock-Stop" potato chute (conveyor belt rubber) in the front cargo area
- A 2805 Viewing window with guard screen in the bulkhead, dimensions approx. 355 mm wide and 625 mm high
- A 3005 Side tipping bridge extension 200 mm high, mounted on one side (only in combination with A 1505)
- A 5405 Top hydraulically foldable side board wall approx. 600 mm (one-sided right or left side) for reducing the overhead loading height (potatoes), operating via the tractor hydraulics, mechanical locking (doubleacting control unit required)
- A 5715 2 x additional slide gates with chute in the tailgate (total of 3 items)
- A 6005 Plug-in triangle at the front and rear (300 mm) + 2 x middle triangle with foldable roof arch
- A 6505 Catwalk with accident protection bar on the bulkhead (according to the German accident prevention regulations UVV)
- A 7105 Yellow tarpaulin (reinforced material) with aluminium roller pipe, hand crank and removable stop supports on the side (can be fastened with 2 x strap ratchets) (only in combination with A 6005 + A 6501 / can only be used without extension)
- A 7525 2-wing hydraulic cargo area cover system driven by oil motors, covered with a net (double-acting control unit and 3-pin 12 volt socket required / not compatible with extension)
- A 7905 Galvanised protective cover for rotary actuator of the automatic cargo area cover

F CHASSIS

- F 0155 Own oil supply with PTO shaft drive, 130 litre hydraulic pump with 1000 revolutions, 120 litre hydraulic tank, PTO shaft, wireless remote control from the tractor
 F 0555 6/2-directional valve for two double-acting functions; switching point on a double-acting control unit
- F 1305 Towing device at the rear
- F 2705 Side collision protection (mandatory for approval > 40 km/h)
- F 3225 Reinforced height-adjustable, rubber bearing drawbar, dimensioned for 4 tonnes drawbar load (mandatory from 4 tonnes drawbar load), version as central tube
- F 3255 Hydraulically height-adjustable towing device damped via nitrogen accumulator (only in conjunction with hydraulic jack)
- F 3295 Double hydraulic jack instead of the mechanical landing gear (required for forced steering)
- F 4685 Brake system with Duomatik couplings
- F 5145 Contour marking film, yellow on the side and rear of the vehicle (mandatory for approval > 60 km/h)
- F 5165 Position and number plate lights as LED version
- F 5185 3 function rear lights, angular, LED version
- F 5215 2 x LED reversing lights on the rear of the vehicle (12 volt 3-pin socket required)
- F 5225 LED working floodlight on front wall for cargo area illumination (3-pin socket required)
- F 5235 2 x LED lateral reversing lights on the chassis (12 volt 3-pin socket required)
- F 5265 Protective grids for the rear lights, screw-on version (not permitted on German public roads)
- F 5275 Separate switching box with 3 x toggle switches (on+off) consisting of 1 x main switch and 2 x for electrical functions (power supply via 3-pin socket, 12 volts)
- F 5285 Operate two electric functions via the on-board hydraulics' wireless remote control (only in combination with F 0155)
- F 5295 Hydraulic hose marking "Kennfixx" (price per hydraulic pipe)
- F 5405 Separate oil stub line to the rear (diameter 15 mm)
- F 5425 Assembly of a front screw conveyor (without screw only in combination with F 5405)
- F 5485 Quick-lowering system for tipping hydraulic via the 2 hose system (double-acting control unit required)

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- F 6015 Axle wheelbase > 1800 mm for 34 tonnes total weight (only in combination with forced steering)
- F 6215 BPW Tridem axle unit 3 x 11to (max. 60 km/h), hydraulic suspended, including forced steering for 1st and 3rd axle, 2150mm track, AGS, wheel brake 410 x 180mm, 150mm axle square; (only in combination with equipment F 3295 & F 8015, brake cylinder on top)
- F 7205 1st axle carried out as lifting axle (only possible in combination with hydraulic spring suspension)
- F 8015 Electrically switched rear-axle support for hydraulic spring suspension (increased stability)
- F 9025 Electronic load control with signal lamp on the vehicle (only possible in combination with hydraulic spring suspension, 12 volt, 3-pin socket required)
- F 9305 Tie rods, forced steering (2 x) with additional automatic telescope
- F 9545 Wide-angle cardan shaft instead of standard cardan shaft (only in conjunction with F 0155)
- Info: For forced-steering axles, 2 x cranked push rods for mounting balls K50 is supplied as standard.

R <u>WHEELS</u>

- R 2635 Tyres "new" 650/55 R26.5 BKT FLOTATION RADIAL, profile FL 630, (65 km/h) 169D, (tyre load at 1.5 bar 10 km/h = 5,185 kg)
- R 2645 Tyres "new" 620/60R26.5 NOKIAN Country King (tyre load at 1.5 bar 10 km/h = 5,310 kg)
- R 2815 Tyres "new" 650/55 R26.5 BKT FLOTATION RADIAL, profile FL 693, (65 km/h) 169D, (tyre load at 1.5 bar 10 km/h = 5,185 kg)
- R 2885 Tyres, new 710/50R26.5 BKT FLOTATION RADIAL, profile FL 693, (70 km/h) 170D, (tyre load at 1.5 bar 10 km/h = 5305 kg)
- R 2925 Tyres "new" 710/50 R26.5 BKT FLOTATION RADIAL ULTRA, profile FL 630, (65 km/h) 170D, (tyre load at 1.5 bar 10 km/h = 5305 kg)
- R 2935 Tyres "new" 710/50R26.5 NOKIAN Country King (tyre load at 1.5 bar 10 km/h = 5,615 kg)
- Info: At a total external width of 2750 mm or greater, equipment F 5175 warning sign package must be selected!

L PAINTWORK

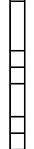
- L 1005 Special paintwork, chassis according to RAL tone
- L 1305 Special paintwork, trough according to RAL tone
- L 1505 Stone chipping protection coating under the tipping bridge in the area above the wheels

T EXPERT'S REPORT/HANDING OVER

- T 1515 40 km/h approval according to EU type approval, delivery with COC papers (net price not discountable)
- T 2015 60 km/h approval according to EU type approval, delivery with COC papers (net price not discountable, only in conjunction with F 2705)
- T 5005 Technical instruction on site (net price not discountable)
- T 9005 Transport costs, German post code 0-4 (net price cannot be discounted)
- T 9105 Transport costs, German post code 5-9 (net price cannot be discounted)

All prices indicated are subject to legal VAT. / Version: November 2023

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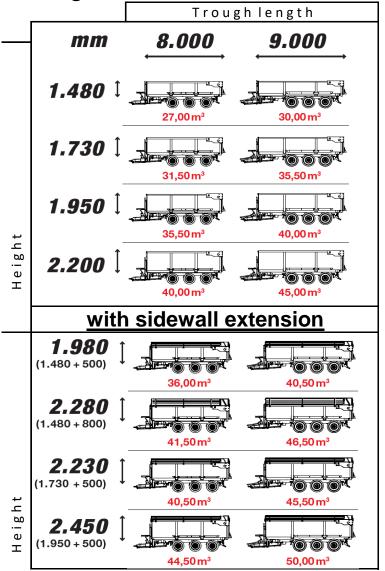


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Technical data for trough versions, type: MUK402

^{1.} Cargo area volumes m³



2. Tipping cylinder oil requirement

	Trough length					
mm	8000	9000				
Oil requirement, approx.	48.8 litres	own oil supply				
For each additional double-acting function (1 cylinder) approx. 1 I						