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

Type: MUK402 31 tonnes permissible total weight

Standard equipment:

Tyres:	6 x 425/65 R22.5 factory refurbished tyres on centre well rims, approved for 80 km/h
Axles:	ADR axles 3 x 12 tonnes (60 km/h), 2,150 mm track width (technical 105 km/h), wheel brake 420 x 180 mm, 150 mm square axle
Springs:	36 tonnes parabolically suspended linked steering unit with dynamic brake compensation, 1550 mm axle wheelbase
Steering:	3rd 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, main load bearer made from torsion-resistant square tube profiles
Brake system:	dual line service brake system with automatic load-dependent brake force control (ALB), 6 x diaphragm brake cylinder, spindle parking brake acting on 2 axles
Tipping system:	rearwards tipping system, hydraulic multi-piston press, 1 line system, hydraulic stroke limiter, safety rope
Steel trough:	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 aluminium ladder on the front wall, floor plate thickness of 4 mm, 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 discharge chute
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 funtion lights (rubber mounted), number plate lighting, position lights
Accessories:	stable foldable underride protection made from round tube, 2 x wheel chocks with bracket, plastic mudguard on the rear axle, hose cabinet for all supply lines on the drawbar, protective caps for the screw connections, resting point supports for tipping trough for reducing the noise during driving operation
Paintwork:	vehicle blasted with steel grit and also degreased, chip-resistant primer, sealing of areas in particular risk of corrosion using bodywork sealing compound, top coat in German quality dual-component gloss paint
	Tipping trough: Kröger green
	Chassis: Kröger red
Technical data:	permissible total weight: 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 dimensions:	outside: approx. L 8,180 mm x W 2,550 mm x H 1,480 mm
	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 g r o l i n e r* Type: MUK402

Ancillary equipment subject to charge:

A	**SUPERSTRUCTURE**	
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, delivery 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 4005	Hydraulic board wall remote unlocking system, mounted on one side (only in combination with A1505)	
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 (double-acting 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 7505	2-wing hydraulic cargo area cover system driven by oil motors, covered with a net (e.g. for manure / silage / double-acting control unit and 3-pin 12-V socket required / not compatible with extension)	
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 2 double-acting functions; switching point on a double-acting control unit	
F 1305	Towing device at the rear	
F 1805	Plastic mudguard, front axle (required for warning panel packet)	
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 suspended towing device instead of fixed towing device (double-acting control unit required)	
F 3295	Double hydraulic jack instead of the mechanical landing gear (required for forced steering)	
F 4685	Brake system with Duomatik couplings	
F 5105	Side marking lights (LED)	
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 5175	Warning sign package for wide loads (required from a width of 2750 mm, only in conjunction with F 1805)	
F 5185	3 function rear lights, angular, LED version	
F 5195	3 function rear lights, round, 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 3x toggle switches (on+off) consisting of 1x main switch and 2x for electrical functions (power supply via 3-pin socket, 12 volt)	
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 F5405)	☐
F 5485	Quick-lowering system for tipping hydraulic via the 2 hose system (double-acting control unit required)	☐
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 11 tonnes (max. 60 km/h), **hydraulically suspended**, including forced steering for the 1st and 3rd axles; 2,150 mm track, wheel brake 410 x 180 mm, 150 mm square axle; (only in combination with equipment F 3295 & F 8015, brake cylinder mounted at top)	☐
F 6615	**ADR** Tridem axle unit 3 x 11 tonnes (max. 60 km/h), **parabolically suspended**, including forced steering for the 1st and 3rd axles, 2,150 mm track, wheel brake 420 x 180 mm, 150 mm square axle; (only in combination with equipment F 3295, brake cylinder mounted at bottom)	☐
F 6735	1st axle designed additionally as self-steering axle, brand ADR	☐
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 (2x) with additional automatic telescope	☐
Info:	*(For forced-steering axles, 2 x cranked push rods for mounting balls K50 is supplied as standard.)*	

R WHEELS

R 2405	Tyres, "new" 445/65R22.5 (105 km/h) manufacturer Windpower, type WTR69 (catwalk height approx. + 50 mm), rims with imprint depth + 30 mm, i.e. track is narrower	☐
R 2595	Tyres "new" 560/60R22.5 NOKIAN Country King (65 km/h) 161D with reinforced rims 20.00 (tyre load at 1.5 bar 10 km/h = 5000 kg)	☐
R 2635	Tyres, "new" 650/55R26.5 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" 650/55R26.5 BKT FLOTATION RADIAL, profile FL 693, (70 km/h) 169D, (tyre load at 1.5 bar 10 km/h = 5,185 kg)	☐
R 2925	Tyres, "new" 710/50R26.5 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 1505	Expert's report for 40 km/h registration	☐
T 2005	Expert's report for 60 km/h registration (max. 2 tonnes drawbar load permitted)	☐
T 5005	Technical instruction on-site	☐
T 9005	Transport costs, German post code 0-4	☐
T 9105	Transport costs, German post code 5-9	☐

All prices indicated are subject to legal VAT.

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