Price list P-HKD302.16
Version: 10/2017

a g r o l i n e r **Two-axle three-way tipper**

Type: HKD 302 18 tonne permissible total weight

Standard equipment:

Tyres:	4x 385/65 R22.5 factory refurbished tyres on centre well rims 80 km/h
Axles:	ADR tapered roller bearing axles, 11.3 tonnes axle load (105 km/h), 2050 mm track width, without ABS up to 60 km/h, wheel brake 406 x 120 mm, 130 mm square axle
Springs:	18 tonne 2 layer parabolic spring suspension, 100 mm wide, approved for up to 105 km/h Overload protection for the rear parabolic spring suspension
Steering:	Turntable steering with ball steering rim and type-tested triangular drawbar 1900 mm long, Height adjustable as well as drawbar relief
Chassis frame:	welded steel construction; double T main load bearer
Brake system:	dual line service brake system with automatic load-dependent brake force control (ALB), 4 x diaphragm brake cylinder, spindle parking brake for the rear axle
Tipping system:	3-way tipper; hydraulic multi-piston press with cardanic suspension, 1 line system, ball tipper bearings with retainer at the rear, 2 unmistakable locking pins, hydraulic stroke limiter, safety rope
Tipper frame:	profile steel in welded construction, 4 mm steel floor plate
Bulkhead:	fixed made from webbed combined multiplex board 18 mm, WBP pasted, in the area of the side panels, use of stainless steel VA bolts, fixed corner rungs, steps on the drawbar, ergonomic access ladder with platform and accident protection bar according to the German accident prevention regulations (UVV), folded step outside and on the inside of the bulkhead
Side panels:	webbed combined multiplex board as with the bulkhead embedded in aluminium profile (with integrated water drain) with robust rubber seals that can be replaced, 2 side panels each without horizontal partitioning, fixed middle stanchions with 2 removable connecting tubes, split, central bottom unlocking, bottom unlocking lever at the front and rear with top dead point tensioner, optimally designed for the equipping of an automatic side panel remote unlocking system
Tailgate:	basic design is the same as the side panels with an 1 grain hatch in the middle (480 x 290 mm) with lever operation (left side) and removable discharge chute, fixed corner stanchions, central bottom unlocking, bottom unlocking lever on the left side with top dead point tensioner
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 underride protection, number plate bracket, wheel chocks with bracket, plastic mudguard at the rear, park sockets for all connections on the drawbar, protective caps on the screw connections, resting point supports for tipping bridge 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
	Assembly: Kröger green, panels = covered with "green" film on both sides, not UV resistant
	Chassis: Kröger red
Technical data:	Permissible total weight: 18,000 kg
	Empty weight approx. 4,100 kg (in the basic equipment)
	Payload approx. 13,900 kg
	Platform height: approx. 1,330 mm (in the basic equipment)
	Oil requirement: approx. 19.9 litres
Cargo area dimensi	outside: approx. L 5,300 mm x W 2,550 mm x H 1,300 mm
	inside: approx. L 5,235 mm x W 2,420 mm x H 1,300 mm
	Panel width also between the middle and corner stanchions!

(Technical changes reserved)

Basic price *a g r o l i n e r* Type: HKD302

Ancillary equipment subject to charge:

A SUPERSTRUCTURE

A 0500 LIGHT version, weight-optimised version Weight saving of up to 150 kg (depending on the equipment) Floor plate 3 mm instead of 4 mm. No loss in stability by using high-tensile special steels

A 0600 Side panels with plastic lightweight panels, 20 mm thick, side panel height 1500 mm, (colour white or in combination with L 1200, not suitable for direct filling by woodchippers),

A 1000 Side panel height 1500 mm instead of 1300 mm

A 2610 "Shock-Stop" potato chute (conveyor belt rubber) in the front cargo area

A 2650 5 x lashing eyes recessed in the body floor on both sides

A 2700 Mobile aluminium stepladder clamped onto the bulkhead

A 2800 Viewing window with guard grille in the bulkhead

A 2910 Continuous bottom unlocking shafts on the right + left side with 2 x top dead point tensioner at the bulkhead without top dead point tensioner at the rear

A 2930 Operation of the bottom unlocking system for the rear side panels on the left and right sides via separate top dead point tensioners at the bulkhead (then a total of 4 items)

A 3000 Side tipping bridge extension 200 mm high, can be mounted on both sides

A 3100 Side tipping bridge extension 200 mm high, mounted on both sides

A 3150 Side bottom unlocking hooks, with threaded bushings on both sides

A 3200 Removable rear tipping bridge extension, over the whole vehicle width (W 2,480 mm x L 350 mm)

A 4000 Hydraulic side panel remote unlocking system, can be re-positioned on the right and left side as required, with connection for a 2nd vehicle

A 4100 Hydraulic side panel remote unlocking system, can be mounted on both sides, with connection for a 2nd vehicle

A 4150 Brackets for the hydraulic side panel remote unlocking system on both sides, without hydraulic lines and stamp

A 4310 "SMART LOCK" hydraulic side panel central locking on one side for automatic opening and closing of the side panels (including closures at half height) with connection for a 2nd vehicle (double-acting control unit required, not in conjunction with A 8000, A 9050, A 9300 or A 9500)

A 5700 Additional slide gate with chute in the tailgate (total of 2 items)

A 5710 2 x additional slide gates with chute in the tailgate (total of 3 items)

A 6000 Plug-in triangle at the front and rear (300 mm) + middle triangle with foldable roof arch

A 7000 Yellow tarpaulin with aluminium roller board, hand crank and removable stop supports on the side

A 7100 Yellow tarpaulin (reinforced material) with aluminium roller board, hand crank and removable stop supports on the side (can be fastened on the side with 2 x strap ratchets)

A 7200 Yellow tarpaulin, can be operated from both sides with aluminium roller pipes, hand crank and stop supports on both sides that can be re-positioned

A 7300 Yellow tarpaulin (reinforced material), can be operated from both sides with aluminium roller pipes, hand crank and stop supports on both sides that can be re-positioned (can be fastened on the side with 4 x strap ratchets)

A 8000 Side panels partitioned horizontally with rubber sealing system, on one side left or right only

A 8100 Side panels partitioned horizontally with rubber sealing system, partitioned on both sides left or right

A 8200 Tailgate partitioned horizontally with rubber sealing system

A 8400 Middle stachion partitioned (per side)

A 8450 Middle stanchion partitioned on both sides, right and left

A 9050 Middle stancgion can be folded and removed completely, on one side left or right only

A 9200 Tailgate as portal can be pivoted open by 270°

A 9300 Side panels also as portal can be pivoted open to the outside from the middle, including adjustable eccentric bolts, per side

A 9500 Continuous swivel side panel on one side without a middle stanchion

F CHASSIS

F 1000 Automatic trailer coupling including light, pneumatic and hydraulic connections for a 2nd trailer

F 1600 Underride protection made from round pipe with lighting equipment relocated upwards

F 1800 Plastic mudguard, front axle

F 2850 Drawbar support for drawbar type Klemmfix

F 2900 Plastic toolbox, dimensions: W 600 x D 500 x H 400

F 3000 Length-adjustable Y-drawbar (adjustment range 1500-2100 mm)

F 3050 Reinforced Y-drawbar (26 tonnes), 1900 mm long

F 3080	Drawbar 18 tonnes 2100 mm long instead of 1900 mm (necessary behind a tandem trailer)	☐
F 4000	A.B.S. 24 Volt	☐
F 4640	Additional ALB valve mounted on the rear axle	☐
F 4650	Separate release valve for front axle	☐
F 4680	Brake system with Duomatik couplings	☐
F 5100	Side marking lights (LED)	☐
F 5140	Contour marking film, yellow on the side and rear of the vehicle (mandatory for approval > 60 km/h)	☐
F 5200	5 chamber rear lights with fog light and reversing light (7-pin 24 Volt connection required)	☐
F 5260	Protective grids for the rear lights, screw-on version	☐
F 5290	Hydraulic hose marking "Kennfixx" (price per hydraulic pipe)	☐
F 5300	Actuation of the 2nd trailer tipping mechanism with separate hydraulic connection and gate valve	☐
F 5310	3/2-directional valve for the tipping hydraulics (instead of standard gate valve)	☐
F 5330	Additional gate valve for the 2nd trailer tipping hydraulic system on the drawbar	☐
F 5400	Separate oil stub line to the rear (diameter 15 mm)	☐
F 5420	Assembly of a front screw conveyor (without screw only in combination with F 5400)	☐
F 6320	12 tonnes ADR axles (105 km/h), reinforced, 2050 mm track, without ABS and AGS, wheel brake 420 x 180 mm, 150 mm square axle	☐
F 6450	9 tonnes GIGANT / SMB axles (105 km/h), 2,040 mm track, without ABS and AGS, wheel brake 420 x 180 mm (approved only for tyres 445/65R22.5)	☐
F 6550	9 tonnes GIGANT / SMB axles (105 km/h), 2,040 mm track, ABS fitted, AGS, wheel brake 420 x 180 mm (approved only for tyres 445/65R22.5)	☐

R WHEELS

R 2000	Tyres, "new" 385/65R22.5 (105 km/h) manufacturer Continental Hybrid HT3 (EU Tire Label B,B,73)	☐
R 2100	Tyres, factory refurbished 425/65R22.5 (80 km/h) (platform height approx. + 50 mm)	☐
R 2200	Tyres, "new" 425/65R22.5 (105 km/h) manufacturer Continental (platform height approx. + 50 mm)	☐
R 2400	Tyres, "new" 445/65R22.5 (105 km/h) manufacturer Continental (platform height approx. + 50 mm)	☐
R 2460	Tyres, "new" 560/60R22.5 BKT FLOTATION RADIAL, profiles FL 693 M, (70 km/h), (tyre load at 1.5 bar 10 km/h = 4,010 kg) (platform height approx. + 220 mm), rims with imprint depth ID + 30 mm	☐
R 2500	Tyres, "new" 550/60-22.5 16PR (40 km/h) profile 328 (platform height approx. + 220 mm)	☐
R 2580	Tyres "new" 560/60R22.5 NOKIAN Country King 161D (tyre load at 1.5 bar 10 km/h = 5,000 kg) (platform height approx. + 220 mm)	☐
R 2600	Tyres, "new" 560/60R22.5 BKT FLOTATION RADIAL, profile FL 630, (65 km/h), (tyre load at 1.5 bar 10 km/h = 4,700 kg) (platform height approx. + 220 mm), rims with imprint depth + 30 mm	☐

L PAINTWORK

L 1000	Special paintwork, chassis according to RAL tone	☐
L 1100	Special paintwork, rims according to RAL tone	☐
L 1200	Special paintwork, superstructure and side panels according to RAL tone	☐
L 1500	Stone chipping protection coating under the tipping bridge in the area above the wheels	☐

T EXPERT'S REPORT/HANDING OVER

T 1500	Expert's report for 40 km/h registration	☐
T 2000	Expert's report for 60 km/h registration	☐
T 3000	Expert's report for 80 km/h registration (only with F4000, F5100, F 5140, F5200, F6550)	☐
T 9000	Transport costs, German post code 0-4	☐
T 9100	Transport costs, German post code 5-9	☐

All prices indicated are subject to legal VAT.

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