

agroliner Two-axle three-way tipper

Type: HKD 302-S 18 tonne permissible total weight

Standard equipment for:

<i>Tyres:</i>	4 x 385/65 R22.5 factory refurbished tyres on centre well rims, for 80 km/h
<i>Axles:</i>	ADR tapered roller bearing axle, 11.3 to. 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
<i>Springs:</i>	18 tonnes 2 layer parabolic spring suspension, 100 mm wide, approved for up to 105 km/h Overload protection for the rear parabolic spring suspension
<i>Steering:</i>	Turntable steering with ball bearing turntable and type-tested triangular drawbar 1,990 mm, Height adjustable as well as drawbar relief
<i>Chassis frame:</i>	welded steel construction; double T main load bearer
<i>Brake system:</i>	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
<i>Tipping system:</i>	3-way tipper; hydraulic multi-piston press with cardanic suspension, 1 line system, ball tipper bearings with retainer at the rear, two unmistakable locking pins, hydraulic stroke limiter, safety rope
<i>Tipper frame:</i>	profile steel in welded construction, 4 mm steel floor plate
<i>Bulkhead:</i>	fixed made from webbed combined multiplex board 18 mm, WBP pasted, integrated triangle for tarpaulin retrofitting, in the board wall area, use of stainless steel VA bolts, fixed corner rungs, ergonomic access ladder with catwalk, and accident protection bar according to the German accident prevention regulations (UVV), folded step outside and on the inside of the bulkhead
<i>Side board walls right side:</i>	webbed combined multiplex board as with the bulkhead embedded in aluminium profile (with integrated water drain) with robust rubber seals that can be replaced, two side board walls each without horizontal partition, fixed centre posts on the right side, continuous central bottom unlocking, bottom unlocking lever on the front with top dead point tensioner, optimally designed for equipping with an automatic side board wall remote unlocking system
<i>Side board walls left side:</i>	one-piece hydraulic special side board wall, double acting opening and closing, by means of airbag lifting device high above the cone of the material, thus also suitable for bulk cargo with poor sliding properties, side board wall material as with the bulkhead with rubber seal
<i>Tailgate:</i>	Basic design like side board walls on the right, integrated triangle for tarpaulin retrofitting, construction-type required approx. 1000 mm high (optionally approx. 1300 mm high, with body height 1800 mm), 1 grain feed 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
<i>Electrical system:</i>	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 function lights (rubber mounted), number plate lights, position lights
<i>Accessories:</i>	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 to reduce noise during driving operation
<i>Paintwork:</i>	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
	<i>Assembly:</i> Kröger green, panels = covered with "green" film on both sides, not UV resistant
	<i>Chassis:</i> Kröger red
<i>Technical data:</i>	permissible total weight: 18,000 kg
	Empty weight: approx. 4,500 kg (in the basic equipment)
	Payload: approx. 13,500 kg
	Catwalk height: approx. 1,330 mm (in the basic equipment)
	Oil requirement: approx. 22.9 litres
<i>Cargo area dimensions:</i>	outside: approx. L 5,300 mm x W 2,550 mm x H 1,500 mm
	inside: approx. 5,208 mm L x 2,420 mm B x 1,500 mm H \cong 19 m ³
	Panel width also between the middle and corner stanchions!

(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 *agroliner* Type: HKD302-S

Ancillary equipment subject to charge:

A SUPERSTRUCTURE

- A 050G 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 060G Board walls with plastic lightweight panels, 20 mm thick, side board wall height 1500 mm, (colour white or in combination with L 120G, not suitable for direct filling by woodchippers)
- A 063G Board walls with plastic lightweight panels, 20 mm thick, side board wall height 1800 mm, (colour white or in combination with L 120G) (only in combination with F 625G), (not suitable for direct filling by woodchippers, can be delivered without tyres only)
- A 070G One-piece hydraulic special side board wall on the right side (instead of on the left side) and swivel side panels (instead of on the right side)
- A 182G Pluggable side sidewall extensions (steel) 300 mm high on the side comprising of hole pattern 20 x 20 mm (can only be used with F625G, usable only without a roller tarpaulin)
- A 264G 5 x "pro" lashing eyes on both sides (when lowered, flush with body floor)
- A 265G 5 x "basic" lashing eyes on both sides (with stepped, open troughs in the body floor)
- A 270G Mobile aluminium stepladder clamped onto the bulkhead
- A 293G Operation of the bottom unlocking system for the rear side board wall on one side via separate top dead point tensioners at the bulkhead (then a total of 2 items)
- A 300G Side tipping bridge extension 200 mm high, mounted on one side
- A 310G Side tipping bridge extension 200 mm high, mounted on both sides
- A 315G Side bottom unlocking hooks, with threaded bushings on both sides
- A 320G Removable rear tipping bridge extension, over the whole vehicle width (W 2480 mm x L 300 mm) last part of the chute approx. 150 mm made of conveyor belt rubber
- A 400G Hydraulic side board wall remote unlocking system, mounted on one side, with connection for a 2nd vehicle
- A 570G Additional slide gate with chute in the tailgate (total of 2 items right + left)
- A 700G Yellow tarpaulin 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 710G 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 800G Side board walls partitioned horizontally with rubber sealing system, on one side left or right only
- A 820G Tailgate partitioned horizontally with rubber sealing system (only possible with body height 1800 mm)

F CHASSIS

- F 100G Automatic trailer coupling including light, pneumatic and hydraulic connections for a 2nd trailer
- F 160G Underride protection made from round pipe with lighting equipment relocated upwards
- F 180G Plastic mudguards for the front axle
- F 285G Drawbar support for drawbar type Klemmfix
- F 290G Plastic toolbox, dimensions: W 600 mm x D 500 mm x H 400 mm
Length-adjustable Y-type drawbar, adjustment range 1500 - 2100mm, supply cables designed as
- F 300G coiled cables
- F 305G Reinforced Y-drawbar (26 tonnes), 1900 mm long
- F 308G Drawbar 18 tonnes 2100 mm long instead of 1900 mm (necessary behind a tandem trailer)
- F 464G Additional ALB valve mounted on the rear axle
- F 465G Separate release valve for front axle
- F 468G Brake system with Duomatik couplings
- F 510G Side marking lights (LED)
- F 514G Contour marking film, yellow on the side and rear of the vehicle (mandatory for approval > 60 km/h)
- F 516G Position and number plate lights as LED version
- F 518G 3 function rear lights, angular, LED version, incl. indicator failure check
- F 526G Protective grids for the rear lights, screw-on version
- F 529G Hydraulic hose marking "Kennfixx" (price per hydraulic pipe)
- F 530G Actuation of the 2nd trailer tipping mechanism with separate hydraulic connection and gate valve
- F 531G 3/2-directional valve for the tipping hydraulics (instead of standard gate valve)
- F 533G Additional gate valve for the 2nd trailer hydraulic connection on the drawbar
- F 540G Separate oil stub line to the rear (diameter 15 mm)
- F 625G 3 layer parabolic spring suspension, 100 mm wide for 10 tonnes axle load (105 km/h)
- F 632G 12.9 tonnes ADR axles (105 km/h), reinforced, 2050 mm track, without ABS and automatic slack adjuster, wheel brake 420 x 180 mm, 150 mm square axle

