

## agroliner Centre-axle three-way tipper (Tandem)

Type: TKD 302 20 tonnes permissible total weight

### Standard equipment for:

<b>Tyres:</b>	4 x 385/65 R22.5 factory refurbished tyres on centre well rims, approved for 80 km/h
<b>Axles:</b>	ADR tapered roller bearing axle, reinforced, 11.3 tonnes axle load (60 km/h), 2050 mm track width approved up to 60 km/h without ABS (technically 105 km/h), wheel brake 406 x 120 mm, 130 mm square axle, 1480 mm axle wheelbase
<b>Springs:</b>	21 tonnes 2 layer parabolic spring suspension, 100 mm wide, approved for up to 105 km/h, overload protection on all four springs, rocker arms between the front and rear axle
<b>Draw gear:</b>	rigid drawbar with 40 mm flanged towing eye DIN 11026 screwed on (coupling required on the tractor, DIN 11029), mechanical saddle landing gear with rapid speed
<b>Chassis frame:</b>	steel-welded construction, main load bearer made from torsion-resistant square tube profiles
<b>Brake system:</b>	dual line service brake system with automatic load-dependent brake force control (ALB), 4 x diaphragm brake cylinders, spindle parking brake acting on one axle
<b>Tipping system:</b>	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
<b>Tipper frame:</b>	profile steel in welded construction, 4 mm steel floor plate
<b>Bulkhead:</b>	fixed made from webbed combined multiplex board 18 mm, WBP pasted, in the board wall area, use of stainless steel bolts, fixed corner posts, 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
<b>Side board walls:</b>	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 wall each without horizontal partitioning, fixed centre posts with two removable connecting tubes, split central bottom unlocking, bottom unlocking lever at the right and left with top dead point tensioner, optimally designed for the equipping of an automatic side board wall remote unlocking system
<b>Tailgate:</b>	basic design is the same as the side board wall with an 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
<b>Electrical system:</b>	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
<b>Accessories:</b>	stable foldable underride protection, 2 x wheel chocks with bracket, rear plastic mudguard, at the rear, (if a 2nd trailer is to be towed, it must be fitted with a drawbar that has a minimum length of 2100 mm), park socket for all connections on the drawbar, safety caps on the screw connections, resting point supports for tipping bridge for reducing the noise during driving operation
<b>Paintwork:</b>	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
<b>Superstructure:</b>	Kröger green, panels = covered with "green" film on both sides, not UV resistant
<b>Chassis:</b>	Kröger red
<b>Technical data:</b>	permissible total weight: 20,000 kg
	Empty weight approx. 4,400 kg (in the basic equipment)
	Payload approx. 15,600 kg
	Drawbar load: 2,000 kg (optionally, also 2,500 or 4,000 kg possible, (see equipment F 3222 / 3322 / F 3342)
	Catwalk height: approx. 1,350 mm (in the basic equipment)
	Oil requirement: approx. 23.4 litres
<b>Cargo area dimensions:</b>	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

(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)



F 3322	SCHARMÜLLER parallel shank drawbar head Type K80 up to 4 tonnes drawbar load	<input type="checkbox"/>
F 3342	SCHARMÜLLER round shaft drawbar eye Type D 40 mm Ø up to 2.5 tonnes drawbar load, DIN 11026	<input type="checkbox"/>
F 4682	Brake system with Duomatik couplings	<input type="checkbox"/>
F 5142	Contour marking film, yellow on the side and rear of the vehicle (mandatory for approval > 60 km/h)	<input type="checkbox"/>
F 5162	Position and number plate lights as LED version	<input type="checkbox"/>
F 5172	Warning plate package for excess width (required from 2550mm width, only in conjunction with F 1802)	<input type="checkbox"/>
F 5182	3 function rear lights, angular, LED version, incl. indicator failure check	<input type="checkbox"/>
F 5262	Protective grids for the rear lights, screw-on version	<input type="checkbox"/>
F 5292	Hydraulic hose marking "Kennfixx" (price per hydraulic pipe)	<input type="checkbox"/>
F 5302	Actuation of the 2nd trailer tipping mechanism with separate hydraulic connection and gate valve	<input type="checkbox"/>
F 5312	3/2-directional valve for the tipping hydraulics (instead of standard gate valve)	<input type="checkbox"/>
F 5402	Separate oil stub line to the rear (diameter 15 mm)	<input type="checkbox"/>
F 6262	Parabolically suspended linked steering unit with trailing links and dynamic axle compensation (24 tonnes)	<input type="checkbox"/>
F 6322	13.1 tonnes ADR axles (60 km/h), reinforced, 2050 mm track, without ABS and automatic slack adjuster, (technically 105 km/h) wheel brake 420 x 180 mm, 150 mm square axle	<input type="checkbox"/>
F 6452	9 tonnes GIGANT axles (105 km/h), 2,040 mm track, without ABS and automatic slack adjuster, wheel brake 420 x 180 mm (approved only for tyres 445/65 R22.5)	<input type="checkbox"/>
F 6722	9 tonnes ADR self-steering axle (max. 60 km/h), 2050 mm track, wheel brake 406 x 120 mm, 130 mm square axle	<input type="checkbox"/>
F 6772	11 tonnes ADR self-steering axle (max. 60 km/h), without ABS + automatic slack adjuster, 2050 mm track, wheel brake 420 x 180 mm, 150 mm square axle (only possible in combination with F6322)	<input type="checkbox"/>

**R WHEELS**

R 2002	Tyres, "new" 385/65R22.5 (105 km/h) manufacturer PIRELLI Pro Trailer (EU Tyre Label B,A,70)	<input type="checkbox"/>
R 2202	Tyres, "new" 425/65R22.5 (105 km/h) (platform height approx. + 50 mm)	<input type="checkbox"/>
R 2402	Tyres, "new" 445/65R22.5 (105 km/h) (platform height approx. + 50 mm)	<input type="checkbox"/>
R 2462	Tyres, "new" 560/60 R22.5 BKT FLOTATION RADIAL, profile FL 693 M, (70 km/h), rims with offset +30 mm, i.e. track gets narrower (platform height approx. + 220 mm)	<input type="checkbox"/>
R 2592	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 = 5,000 kg) (catwalk height approx. + 220 mm)	<input type="checkbox"/>
All additional low-pressure tyres are available upon request, although they are not recommended for combined driving!		

**L PAINTWORK**

L 1002	Special paintwork, chassis according to RAL tone	<input type="checkbox"/>
L 1202	Special paintwork, superstructure and side board walls according to RAL tone	<input type="checkbox"/>
L 1502	Stone chipping protection coating on the tipping bridge in the area above the wheels	<input type="checkbox"/>

**T EXPERT'S REPORT/HANDING OVER**

T 1512	40 km/h approval according to EU type approval, delivery with COC papers (net price not discountable)	<input type="checkbox"/>
T 2012	60 km/h approval according to EU type approval, delivery with COC papers (net price not discountable, only in conjunction with F 2706)	<input type="checkbox"/>
T 9002	Transport costs, German post code 0-4 (net price cannot be discounted)	<input type="checkbox"/>
T 9102	Transport costs, German post code 5-9 (net price cannot be discounted)	<input type="checkbox"/>

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

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