Price list P-TAW20.16

Version: 11/2023

# KRÖGER FAHRZEUGBAU

### a g r o l i n e r Centre axle push-off trailer (Tandem)

Type: TAW 20 20 tonnes permissible total weight

## Standard equipment for:

*Tyres:* 4 x 550/60-22.5 16PR "NEW" on centre rims 40km/h, profile 328

Axles: ADR tapered roller bearing axle, 2 x 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

Springs: 24 tonnes parabolically suspended linked steering unit with trailing links and dynamic axle compensation,

100 mm wide, approved up to 105 km/h, 1525 mm axle wheelbase

Draw gear: rigid drawbar with 40 mm flanged towing eye DIN11026 screwed on (coupling required on

the tractor, DIN 11029), mechanical saddle landing gear with rapid speed

Chassis frame: welded construction, main load bearer made from weight-optimised I beams

Brake system: 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

Hydraulic system: the tractor must be equipped with two double-acting controllers: 1 x connection for the sliding device

(advance and retract) and 1 x hydraulic tailgate

Pusher plate: rail-guided push plate with three double-acting hydraulic cylinders,

cover plate from 2.5 mm stainless steel with sturdy replaceable PU seals, viewing window in the pusher plate approx. 800 x 480 mm, mechanically foldable bulkhead, carried out as grille

Cargo area: two-piece floor assembly (movable element at the front, fixed element at the rear), cover plate consisting

of 2.5 mm stainless steel, floor plate chassis 3 mm stainless steel with profile plate substructure 3 mm, 3 mm side panels made from high-tensile fine grain sheet steel plate in welded ribbed construction, the floor

assembly is screwed on, hydraulic large area tailgate with surrounding replaceable rubber seal, hydraulic 4-fold locking mechanism, prepared for grain sliders

Electrical system: 12 volt system according to the StVZO (German traffic laws) with 7-pin connecting cable, triangular reflector

and yellow side marker lamps, 3 function lights, number plate lights

Accessories: stable foldable underride protection made from round tube, 2 x wheel chocks with bracket, plastic mudguard

at the front and rear, warning panel package front and rear, hose cabinet for all supply lines on the drawbar

Paintwork: Vehicle sprayed, dressed, degreased and additionally phosphated, cathodic dip painted (CDP),

top coat of the chassis and tailgate using powder coating, top coat side board wall

in German quality two-component gloss paint

Assembly: Kröger - green (thrust cylinder, bulkhead frame, swivel arm RAL 9006)

Chassis: Kröger - red permissible total weight: 20,000 kg

Empty weight: approx. 7,380 kg (in the basic equipment)

Payload: approx. 12,620 kg

Drawbar load: 2,000 kg (optionally, also 2,500 or 4,000 kg possible, see

equipment F 322B, F 332B, F 334B)

Oil requirement: 26 litres

Catwalk height: approx. 1,450 mm (in the basic configuration)

Cargo area

Technical data:

dimensions: inside: L 7,100 mm x W 2,370 mm x H 2,020 mm  $\cong$  approx. 35 m<sup>3</sup>

(approx. 32 m<sup>3</sup> according to DIN)

(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: TAW20

#### Ancillary equipment subject to charge:

#### A <u>SUPERSTRUCTURE</u>

- A 114B Superstructure length approx. 8100 mm instead of 7100 mm (only in combination with hydraulic spring suspension)
- A 171B fixed side sidewall extensions (galvanized steel), consisting of a 100 mm x 80 mm profile tube, for steel side board walls up to approx. 1000 mm before the end of the superstructure
- A 180B Pluggable side sidewall extensions (aluminium) 300 mm for side board walls up to approx. 1000 mm before the end of the superstructure (increases the loading volume by approx. 4 m³)
- A 185B Hydraulically lifted mulching flap 500 mm high (instead of the mechanical version)
- A 190B Pluggable sidewall extension (aluminium) 300 mm for large area tailgate
- A 192B Pluggable sidewall extension (aluminium) 100 mm for large area tailgate
- A 270B Mobile aluminium stepladder with brackets
- A 280B Additional viewing window with guard screen in the bulkhead
- A 540B Top side board walls 500 mm hydr. foldable (one-side only, right or left side) for reducing the overhead loading height, operation via tractor hydraulics (double-acting control unit required)
- A 563B Spreader unit with two integrated standing rollers, underlying thrower plates and swinging throwing arms incl. hydr congestion warning sign (double-acting control unit required), hydr. tailgate, hydraulic lines for congestion warning sign, mechanically driven via PTO shaft incl. overload protection (only in combination with F 949B)
- A 570B Grain feed without chute in the middle in the rear board wall (480 x 290 mm)
- A 650B Catwalk with accident protection bar on the bulkhead including aluminium stepladder
- A 700B Yellow tarpaulin with aluminium roller pipe, plug-in triangles and fastening material (only in combination with A 650B) (not compatible with sidewall extensions)
- A 752B 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 A 180B & A 190B and foldable side panel, only in combination with A 171B)
- A 790B Galvanised protective cover for rotary actuator of the automatic cargo area cover

#### F CHASSIS

- F 055B 6/2-directional valve for two double-acting functions; switching point on a double-acting control unit
- F 130B Towing device at the rear
- F 170B Hydraulically pivoted EU type-tested underride protection on the rear, integrated in the hydr. tailgate's sequence control
- F 200B Tarpaulin cover at the rear over the entire width of the vehicle from the underride protection to below the loading surface edge
- F 270B Side collision protection (mandatory for registration > 40 km/h)
- F 322B Reinforced height-adjustable, rubber bearing drawbar, dimensioned for 4 tonnes drawbar load (mandatory from 4 tonnes drawbar load), version as central tube
- F 325B Hydraulically height-adjustable towing device damped via nitrogen accumulator (only in conjunction with hydraulic jack)
- F 328B Hydraulic jack instead of the mechanical landing gear (double-acting control unit required)
- F 329B Double hydraulic jack instead of the mechanical landing gear (double-acting controller required)
- F 332B SCHARMÜLLER parallel shank drawbar head Type K80 up to 4 tonnes drawbar load
- F 514B Contour marking film, yellow on the side and rear of the vehicle (mandatory for approval > 60 km/h)
- F 516B Position and number plate lights as LED version
- F 518B 3 function rear lights, angular, LED version mounted on the tailgate
- F 521B 2 x LED reversing lights on the rear of the vehicle (12 volt 3-pin socket required)
- F 522B LED working floodlight on front wall for cargo area illumination (3-pin socket required)
- F 523B 2 x LED lateral reversing lights on the chassis (12 volt 3-pin socket required)
- F 527B 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 529B Hydraulic hose marking "Kennfixx" (price per hydraulic pipe)
- F 601B Axle wheelbase > 1800 mm for 24 tonnes total weight (only in combination with reinforced axles)
- F 613B Hydraulic spring system including BPW axles (max. 60 km/h), track 2150 mm; second axle trailing steered, 11 tonnes axle load (at 60 km/h); wheel brake 410 x 180 mm; 150 mm square axle (brake cylinder mounted at top, no lifting axle possible)
- F 621B Hydraulic spring system including BPW axles (max. 60 km/h), track 2150 mm; second axle forced steering, 11 tonnes axle load (at 60 km/h); wheel brake 410 x 180 mm; 150 mm square axle (brake cylinder mounted at top)

F 62/B	Parabolically suspended linked steering unit with trailing links and dynamic axie compensation (32	
E 000D	tonnes) 12 tonnes PDW cycles (may 60 km/h), reinforced, 2150 mm track, without ABS and automatic clark	H
F 630B	12 tonnes BPW axles (max.60 km/h), reinforced, 2150 mm track, without ABS and automatic slack adjuster, Type GS12010, wheel brake 410 x 180 mm, 150 mm square axle (only in combination with F 627B)	
F 632B	13.1 tonnes ADR axles (60 km/h), reinforced, 2150 mm track, without ABS and automatic slack adjuster, (technical 105 km/h) wheel brake 420 x 180 mm, 150 mm square axle	
E 67/D	11 tonnes BPW self-steering axle (max. 60 km/h), without ABS + automatic slack adjuster, 2150 mm	
F 074B	track, wheel brake 410 x 180 mm, 150 mm square axle (only in combination with F 627B and F 630B)	
F 676B	11 tonnes BPW forced-steering axle (max. 60 km/h), reinforced, without ABS + automatic slack	Н
F 070B	adjuster, 2,150 mm track, type GSL12010, wheel brake 410 x 180 mm, 150 mm square axle (in combination with F 627B and F 630B)	
F 677B	11 tonnes ADR self-steering axle (max. 60 km/h), without ABS + automatic slack adjuster, 2150 mm track, wheel brake 420 x 180 mm, 150 mm square axle (only in combination with F 632B)	
F 678B	11 tonnes ADR forced-steering axle (max. 60 km/h), without ABS + automatic slack adjuster, 2150 mm track, wheel brake 420 x 180 mm, 150 mm square axle (in combination with F 632B)	
F 720B	1st axle carried out as lifting axle (only possible in combination with hydraulic spring suspension)	
F 900B		
F 902B	,	
F 903B		
	Tie rod, forced steering, with additional automatic telescope	
F 949B	· · · · · · · · · · · · · · · · · · ·	
	pipe, designed for up to 80 KW at 1,000 rpm (only in combination with F325B)	
Info:	For forced-steering axles, a cracked push rod for mounting ball K50 is supplied as standard.	L
Info:	from tyre width > 600 and use of a steering axle, the equipment F 601B axle spacing > 1800 mm must	be s
R	WHEELS	
R 263B	WHEELS Tyres "new" 650/55 R26.5 BKT FLOTATION RADIAL, profile FL 630, (65 km/h) 169D, (tyre load at	
112005	1.5 bar 10 km/h = 5,185 kg)	
R 264B	Tyres "new" 620/60R26.5 NOKIAN Country King (tyre load at 1.5 bar 10 km/h = 5,310 kg)	
R 281B	Tyres "new" 650/55R26.5 BKT FLOTATION RADIAL, profile FL 693, (65 km/h) 169D, (tyre load at	
R 288B	1.5 bar 10 km/h = 5,185 kg) Tyres, "new" 710/50 R26.5 BKT FLOTATION RADIAL, profile FL 693, (70 km/h) 170D, (tyre load at	H
	1.5 bar 10 km/h = 5305 kg)	
R 292B	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 293B	Tyres "new" 710/50R26.5 NOKIAN Country King (tyre load at 1.5 bar 10 km/h = 5,615 kg)	
	PAINTWORK	
L 1 100D	Special paintwork, chassis according to RAL tone	
	Special paintwork, chassis according to RAL tone Special paintwork, superstructure, according to RAL tone	
	Special paintwork, superstructure, according to KAL tone  Special paintwork for thrust cylinder, bulkhead frame, swivel arm according to RAL tone	
L 140D	Special paintwork for thrust cylinder, builthead frame, swiver ann according to RAL tone	
Т	EXPERT'S REPORT/HANDING OVER	
T 150B	Expert opinion for 40 km/h registration (net price not discountable)	
T 151B	40 km/h approval according to EU type approval, delivery with COC papers (net price not	
	discountable, only in conjunction with F 170B)	
	Expert opinion for 60 km/h approval (max. 2to drawbar load permissible, net price not discountable)	
T 201B	60 km/h approval according to EU type approval, delivery with COC papers (net price not	
	discountable, only in combination with F 170B & F 270B)	
	Transport costs, German post code 0-4 (net price cannot be discounted)	Ш
T 910B	Transport costs, German post code 5-9 (net price cannot be discounted)	
	Version: November 2023 / All prices indicated are subject to legal VAT.	