

Price list P-THL20.22
Version: 11/2023



agroliner Centre-axle container hook-lift trailer
(Tandem)

Type: THL20 20 tonnes permissible total weight

Standard equipment for:

- Tyres:** 4 x 385/65 R22.5 "NEW" on centre well rims approved for 100 km/h
- 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:** 21 tonnes 2-layer parabolic spring suspension, 100 mm wide, approved for up to 105 km/h, 1480 mm axle wheelbase, overload protection on all four springs, rocker arms between the front and rear axle
- Draw gear:** 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
- Chassis frame:** integrated frame construction, 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), 4 x diaphragm brake cylinder, automatic parking brake (spring brake cylinder)
- Hydraulic system:** the tractor must be equipped with three double-acting controllers: 1 x connection for picking-up/tipping, 1 x connection for forward and return strokes, 1 x hydraulic internal locking
- Hook lift:** factory new hook lift system brand "MEILLER" Type RS21.65 with hydraulic internal locking mechanism, load-dependent speed valve (only effective in empty and partial-load range when picking up/tilting), hook height 1570 mm according to DIN 30722-1 (main container load bearer 180 mm)
- 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 marker lamps, 3 function lights (rubber mounted), number plate lights, position lights
- Accessories:** Stable underride guard, 2 x wheel chocks with holder, plastic mudguard quarter circle (up to 40 km/h), warning plate package front and rear, hose coat rack for all supply lines on the draw tube
- Paintwork:** vehicle blasted with steel grit and also degreased, chip-resistant primer, top coat in German quality dual-component gloss paint, hook system Meiller coated with cathodic dip painted (CDP)
- Hook:** RAL 7021 black grey
- Chassis:** RAL 7021 black grey
- Technical data:** permissible total weight: 20,000 kg
- Hook system technically approved up to: 21,000 kg at operating pressure 300 bar
(only possible for on-board hydraulics, see equipment F 0496)
when using the tractor hydraulic system (200 bar), the tipping and pick-up capacity is max. 17 tonnes (for 22.5" tyres)
- Oil quantity required: approx. 25 litres
- Empty weight: approx. 5,100 kg (in the basic equipment)
- Drawbar load: 2,000 kg (4,000 kg also optionally available,
(see equipment F 3226 / F 3256 / F 3326)
- Container lengths: 4500-6500 mm
- Tipping angle: approx. 50°
- Rollers height: approx. 1,260 mm (in the basic equipment)

(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: THL20

Ancillary equipment subject to charge:

A SUPERSTRUCTURE

- A 4536 21 tonnes hook system, NEW brand "MEILLER" type RS21.70 for container lengths from 4,750 to 7,000 mm (max tilt angle 47°) including load-dependent speed valve for optimising the speed of the hook (only effective in empty or partial-load range when picking up/tilting), instead of RS21.65 (only MEILLER double rapid-traverse system, consisting of speed traverse (default), rapid speed and end position damping system (only in conjunction with F 0496)

F CHASSIS

- F 0486 Additional double-acting function on the control block of the on-board hydraulics (max. 10L extractable oil quantity) (not designed for continuous operation)
- F 0496 On-board hydraulics, "MEILLER" NEW with pump, 115 litre at 1000 rpm (up to 320 bar), 38 litre hydraulic tank as well as PTO-shaft drive, PTO-shaft + wireless remote control for the tractor "ISAR-Control"; hydraulic control block for three double-acting functions
- F 0526 Auxiliary cylinder for increasing the tipping capacity, integrated into the hook hydraulic circuit
- F 0556 6/2-directional valve for two double-acting functions; switching point on a double-acting control unit
- F 1006 Automatic trailer coupling including light, pneumatic and hydraulic connections for a 2nd trailer
- F 1306 Towing device at the rear
- F 1616 Mechanically extendable underride protection (required for container lengths longer than 6000 mm)
- F 1856 One-piece aluminium mudguard for the front and rear axle instead of the plastic mudguard (these mudguards are mandatory for low-pressure tyres)
- F 2706 Side collision protection (mandatory for registration > 40 km/h)
- F 2906 Toolbox plastic Dimensions: 620 W x 610 D x 320 H
- F 2916 Mains cabinet made of perforated stainless steel sheet metal dimensions 610 mm W x 120 mm D x 1000 mm L
- F 3226 Reinforced height-adjustable, rubber bearing drawbar, dimensioned for 4 tonnes drawbar load (mandatory from 4 tonnes drawbar load), version as central tube
- F 3256 Hydraulically height-adjustable drawbar damped via nitrogen accumulator (only in conjunction with hydraulic support foot)
- F 3266 Pulling cylinder between the draw gear + tractor for an improved weight distribution
- F 3286 Hydraulic jack instead of the mechanical landing gear (double-acting control unit required)
- F 3326 SCHARMÜLLER parallel shank drawbar head Type K80 up to 4 tonnes drawbar load
- F 4686 Brake system with Duomatik couplings
- F 5146 Contour marking film, yellow on the side and rear of the vehicle (mandatory for approval > 60 km/h)
- F 5166 Position and number plate lights as LED version
- F 5186 3 function rear lights, angular, LED version
- F 5216 2 x LED reversing lights on the rear of the vehicle (12 volt 3-pin socket required)
- F 5236 2 x LED lateral reversing lights on the chassis (12 volt 3-pin socket required)
- F 5266 Protective grids for the rear lights, screw-on version (not permitted on German public roads)
- F 5286 Operate one electrical function via the on-board hydraulics' remote control (only in combination with F 0496)
- F 5296 Hydraulic hose marking "Kennfixx" (price per hydraulic pipe)
- F 5316 3/2 directional valve in front of hydraulic control block as a switching point between the control block and pressure and return lines (supply hydraulic drives up to 200 bar / consultation required)
- F 5406 Separate oil stub line to the rear (diameter 15 mm)
- F 6016 Axle wheelbase > 1800 mm for 24 tonnes total weight (only in combination with adjustable axles and suspension)
- F 6136 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 6216 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 6266 Parabolically suspended linked steering unit with trailing links and dynamic axle compensation (24 tonnes)
- F 6276 Parabolically suspended linked steering unit with trailing links and dynamic axle compensation (32 tonnes)
- F 6306 12 tonnes BPW axles (max.60 km/h), reinforced, 2150 mm track, without ABS and automatic slack adjuster, wheel brake 410 x 180 mm, 150 mm square axle (only in combination with F 6276)

- F 6326 13.1 tonnes ADR axles (max. 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 (only in combination with F 6266 or F 6276)
 - F 6456 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 up to 445/65 R22.5)
 - F 6746 11 tonnes BPW self-steering axle (max. 60 km/h), without ABS + automatic slack adjuster, 2150 mm track, wheel brake 410 x 180 mm, 150 mm square axle (only in combination with F 6276 and F 6306)
 - F 6776 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 6266 or F 6276 and F 6326)
 - F 6786 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 6266 or F 6276 and F 6326)
 - F 7206 1st axle carried out as lifting axle (only in combination with F 6216, single-acting control unit required)
 - F 8006 Hydraulic rear-axle support (increased stability / double-acting control unit required)
 - F 8016 Electrically switched rear-axle support for hydraulic spring suspension (increased stability)
 - F 9026 Electronic load control with signal lamp on the vehicle (only possible in combination with hydraulic spring suspension, 12 volt , 3-pin socket required)
 - F 9036 Signal lamp for the correct closing of the hydraulic container lock
 - F 9066 Protective cover for container internal lock made from aluminium checkered plate
 - F 9306 Tie rod, forced steering, with additional automatic telescope
 - F 9546 Wide-angle universal shaft instead of the standard universal shaft
- Info: For forced-steering axles, a cracked push rod with a mount for ball K50 is supplied as standard.*
Info: From tyre width > 600 and when using a steering axle, the equipment F 6016 axle spacing > 1800 mm must be selected!

R WHEELS

- R 2006 Tyres, "new" 385/65R22.5 (105 km/h) manufacturer PIRELLI Triathlon (EU Tyre Label B,A,70)
 - R 2206 Tyres, "new" 425/65 R22.5 (105 km/h) (rolling height approx. + 50 mm)
 - R 2406 Tyres, "new" 445/65 R22.5 (105 km/h) (rolling height approx. + 50 mm)
 - R 2596 Tyres "new" 560/60 R22.5 NOKIAN Country King (65 km/h) 161D with reinforced rims 20.00 (tyre load at 1.5 bar 10 km/h = 5,000 kg) (rolling height approx. + 90 mm)
 - R 2646 Tyres "new" 620/60R26.5 NOKIAN Country King (tyre load at 1.5 bar 10 km/h = 5,310 kg)
 - R 2816 Tyres "new" 650/55R26.5 BKT FLOTATION RADIAL, profile FL 693, (65 km/h) 169D, (tyre load at 1.5 bar 10 km/h = 5,185 kg)
 - R 2886 Tyres, new 710/50R26.5 BKT FLOTATION RADIAL, profile FL 693, (70 km/h) 170D, (tyre load at 1.5 bar 10 km/h = 5305 kg)
 - R 2936 Tyres "new" 710/50R26.5 NOKIAN Country King (tyre load at 1.5 bar 10 km/h = 5,615 kg)
- Info: All tyres ≥ 26.5" are not compatible with the standard parabolic spring suspension; please select composite steering or hydraulic steering in combination with these wheels.*

L PAINTWORK

- L 1456 Special paintwork, chassis and hook unit according to RAL tone

T EXPERT'S REPORT/HANDING OVER

- T 1516 40 km/h approval according to EU type approval, delivery with COC papers (net price not discountable)
- T 2016 60 km/h approval according to EU type approval, delivery with COC papers (net price not discountable, only in conjunction with F 2706)
- T 5006 Technical briefing on site (net price not discountable)
- T 9006 Transport costs, German post code 0-4 (net price cannot be discounted)
- T 9106 Transport costs, German post code 5-9 (net price cannot be discounted)

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