



TRAILER T-617/5

Technical specification and equipment of the trailer

1. TECHNICAL DATA

- | | |
|--|---------------------------|
| • Technically permissible laden mass: | 21 000 kg |
| • Gross vehicle weight (GVWR): | ~16 900 kg |
| ○ Maximum load on the axles: | up to 13 900 kg |
| ○ Maximum load on the hitch bar: | up to 3 000 kg |
| • Load capacity: | ~12 000 kg* |
| • Unladen mass: | ~4 900 kg* |
| • Length: | 7 250 mm |
| • Width: | 2 550 mm |
| • Height for auxiliary boards / with 1 lining / with 2 linings: | ~2 096 / 2 596 / 3 100 mm |
| • Inner length of the cargo box: | 5 130 mm |
| • Inner width of the cargo box: | 2 420 mm |
| • Height of the boards: | 1 000 mm |
| • Loading area: | 12.4 m ² |

2. DETAILED SPECIFICATION

• Loading volume (standard / with 1 board / with 2 boards):	6.2 / 12.3 / 18.5 m ³
• Height of the coupling rod (lower position):	380 mm
• Height of the coupling rod (middle / top position):	610 / 860 mm
• Rear coupling height (optional):	870 mm
• Floor height from the ground:	~1 565 mm
• Tyre size:	385/65 R22.5
• Thickness of the floor / side wall sheet:	4 / 2.5 mm
• Wheel rail (axle width):	1 900 mm
• Transportation / working speed:	40 km/h
• Suspension:	Parabolic springs in tandem configuration
• Tractor power required:	100 hp
• Cargo box unloading angle (back/sideways):	45° / 50°
• Lifting Cargo Box System:	three-way

* Unladen mass and carrying capacity may vary depending on the trailer equipment.

3. STANDARD EQUIPMENT

- 2×500 mm high, 2.5 mm thick hot-dip galvanized walls
 - Split side walls
 - New 385/65 R22.5 tyres
 - Suitable width for pallets
 - ADR manufacturer's homologated axles (EU 2015/68), square 90 mm cross section
 - Brakes: 406×120 mm (model 412E), 8 pins M20x1.5
 - Hot-dip galvanized, shock-absorbing coupling rod (EU 2015/208), with a mesh of 50 mm
 - Hydraulic coupling support with built-in locking
 - Central fixation for the lower sides
 - Hot-dip galvanized external staircase and internal steps with non-slip surfaces
 - 2 wheel supports in hot-dip galvanized pockets
 - Telescopic hydro cylinder with swivel mounts (5 degrees, 1980 mm stroke)
 - Effective force: 307.9 kN (31.4 t) at 20 MPa, Ø140 mm
 - Over-slope protection – cut-off valve
 - Maintenance support – hot-dip galvanized
 - Hinges on the side walls
 - 12V lighting: taillights with bulbs, LED perimeter lighting, rear socket for the second trailer
 - Connection of lighting cables with a 7-pin 12V plug
 - Two-channel pneumatic braking system with HALDEX automatic adjustment, with output connection to the second trailer
 - Handbrake with crank
 - Hot galvanized cargo box frame
 - Main longitudinal bars: closed profiles formed from sheets of 6 mm, at the highest point 110×300 mm
 - Grain hatch with latch – hot-galvanized, in the back wall
 - Subframe – hot-dip galvanized inside and out, from 250×150×8 closed profile
 - Rear hydraulic and brake couplings for the second trailer
 - Galvanized steel pipes and flexible hoses for hydraulic lifting system
 - Hydraulic connectors for tractor: ISO 7241-1 DN 12.5
 - Hot-dip galvanized rear bumper, homologated (Regulations 2015/504 and 167/2013)
-

4. ADDITIONAL EQUIPMENT

- Set of hot-dip galvanized 500 mm side linings, thickness 2.5 mm
- Spare wheel winch with hot-dip galvanized holder
- Awning frame from 40×40×3 closed profile, hot-dip galvanized
- Precision unloading rene nozzle – hot-dip galvanized
- Work platform – hot-dip galvanized
- Side bottom guards
- Ball coupling element Ø80 mm
- Full LED lighting
- Homologated hydraulic two-channel braking system with automatic adjustment
- Surcharge for 550/60 R22.5 wheels
- Spare wheel 385/65 R22.5
- Spare wheel 550/60 R22.5
- Roll-up tarpaulin
- Manual coupling for second trailer
- Automatic coupling for the second trailer
- Water tank with soap dispenser
- Toolbox
- Warning triangle (sign of a slow-moving vehicle)
- Hydraulic quick connector with pressure neutralizer in the hose
- **DUPLEX** – painted on-board set
- **DUPLEX** – painted set of side linings