

TRAILER T-617/4

TECHNICAL SPECIFICATIONS | EQUIPMENT



Year of model 2022

CynkoMet®
Czarna Białostocka

TECHNICAL SPECIFICATIONS	
Administrative loading capacity	~ 14,300 kg*
Technical loading capacity	~ 15,300 kg*
Gross vehicle weight rating according to PL regulations	20,000 kg
Kerb weight (without wall extensions)	~5,700 kg* (with extensions - standard)
Number of axles	2 (tandem)
Length	7645 mm
Width	2,550 mm
Height without extensions	~2,380 mm
Height with extensions	~2,880 mm
Box type	Shell, not pallet type
Length of cargo box interior	6,020 mm
Width of cargo box interior front/rear	2,200 mm
Height of box walls (without extensions)	1,500 mm (with extensions - standard)
Height of platform from base	~1,380 mm
Floor/wall sheet thickness	5 / 4 mm
Loading surface	12.9 m2
Loading capacity - without extensions (with extensions)	13.1 m3 (19.7 m3)
Track of wheels	1,900 mm
Wheelbase	1,480 mm
Suspension	parabolic springs
Max. vertical drawbar eye load	3,000 kg
Drawbar coupling height – min.	one drawbar distance piece (standard) - 615 mm distance piece + plate - 550 mm two drawbar distance pieces - 430 mm
Drawbar coupling height – max.	
Max. tolerable vertical load on axle	1. 9000 kg 2. 9,000 kg
Tire size	385/65 R22.5
Design speed	40 km/h
Minimum demand for tractor power	81 kW / 110 HP
Tipping angle of the cargo box (backward / sideways)	-- / 45
Tipping system	rear chute

* - unladen weight and loading capacity may differ depending on the trailer's equipment

STANDARD MACHINE EQUIPMENT
Wall height 1000 mm with thickness 4mm
500 mm wall extensions, thickness 2.5 mm
Hooks securing the rear wall
Exterior ladder and steps inside cargo box - hot-galvanized - with anti-skid steps facilitating access to cargo box
Maintenance support of cargo box, hot-galvanized
Hot-galvanized drawbar with exchangeable eye, rubber shock absorbers, homologated
Bolted hitch tension member dia. 50
Cargo box frame painted in two steps (prime coat/topcoat) with high-grade paints
Shell cargo box made of 4mm sheets (walls) and 5mm sheets (floor). Main stringers of cargo box made of 150x150x8 closed profiles
Floor made of single sheet, thickness 5mm
Hot-dip galvanized bottom frame (protection of the structure on the exterior and interior of profiles), stringers of the frame made of 250x150x8 closed sections
Parking handbrake with crank
Grain chute, hot-galvanized, with blockade in the rear wall
Hydraulic drawbar support with built-in hydraulic lock
Homologated, hot-galvanized bumper
Inspection window in front wall, extension
Rear wall opened hydraulically
Tipping installation protected against excessive box inclination by cut-off valve
Lighting installation connector cable with 7PIN 12V plug
12V lighting, homologated, rear bulb lamps, LED perimeter lighting
Hydraulic installations made of galvanized steel tubes and flexible hoses
Hydraulic connectors to tractor, type ISO 7241-1 DN 12.5
Pneumatic, double-circuit brake installation with output for second trailer
Rear hydraulic, electrical and brake output to the second trailer
Hydraulic locks on actuators protecting against uncontrolled opening of rear wall
385/65 R22.5 wheels (new or regenerated)
Axles from renowned ADR company, full beam with 100 mm square cross-section, 406 x 120 brake
Parabolic leaf spring suspension
Two wheel chocks placed in galvanized pockets
Telescopic actuator, five-level, pitch 2,400 mm. Useful force at fifth level with diameter 140 mm, at nominal pressure 20MPa = 307.9kN (31.4T)
Wheel fenders

All of our agricultural machines are designed and tested by our design team using the latest available tools.
Manufacturing is performed with the greatest diligence and in adherence to rigorous quality standards.

OPTIONAL MACHINE EQUIPMENT
Spare wheel winch with hot-galvanized wheel hanger
Hot-galvanized tarpaulin frame made of 40x40x3 closed profiles **
Chute for precise tipping, hot-galvanized
Hot-galvanized work platform
Full LED lighting
Surcharge for "new" 550/45 R22.5 wheels
385/65 R22.5 "new" spare wheel
550/45 R22.5 "new" spare wheel
Surcharge for "new" 550/60 R22.5 wheels
550/60 R22.5 "new" spare wheel
Turning axle - drawn
Roll-up tarpaulin **
Hydraulic quick-coupler with pressure neutralizer in hose
Warning triangle (sign distinguishing slow-moving vehicle)
Hitch tension member K80
Drawbar eye 40mm
Set of side (bicycle) guards
Manual hitch for second trailer
Water tank + soap dispenser***
Toolbox***

** - available only with extensions

*** - it is possible to simultaneously install the toolbox and water tank

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HOT-
GALVANIZED CONSTRUCTION

