

# TRAILER T-617/4

TECHNICAL SPECIFICATIONS | EQUIPMENT



 **HOMOLOGATION  
EUROPEAN**



Year of model 2022

**CynkoMet**<sup>®</sup>  
Czarna Białostocka

<b>TECHNICAL SPECIFICATIONS</b>	
Administrative loading capacity	~ 12,140 kg*
Technical loading capacity	~ 16,300 kg*
Gross vehicle weight rating according to PL regulations	17,540 kg
Gross vehicle weight rating according to Directive 2015/208 (only load on axles)	14,540 kg
Kerb weight (without wall extensions)	~5400 kg*
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)	1,000 mm
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 (4,000 kg with K80 tension member)
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. 7270 kg 2. 7,270 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

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

New 385/65 R22.5 wheels

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.*

<b>OPTIONAL MACHINE EQUIPMENT</b>
Spare wheel winch with hot-galvanized wheel hanger
Hot-galvanized tarpaulin frame made of 40x40x3 closed profiles **
500 mm wall extensions, thickness 2.5 mm
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)
K80 tension member (tolerable drawbar eye load increases to 4,000 kg)
Drawbar eye 40mm
Set of side (bicycle) guards
Manual hitch for second trailer
Water tank + soap dispenser***
Toolbox***

\*\* - available only with extensions

\*\*\* - it is not possible to simultaneously install the toolbox and water tank

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**HOT-  
GALVANIZED CONSTRUCTION**

