

# TRAILER T-617/6

TECHNICAL SPECIFICATIONS | EQUIPMENT



 **HOMOLOGATION  
EUROPEAN**



Year of model 2022

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

<b>TECHNICAL SPECIFICATIONS</b>	
Type / Variant / Version according to EU homologation	T-4 720 61
Administrative loading capacity	~ 15,520 kg* (16,520 kg with K80 tension member)
Technical loading capacity	~ 16,520 kg*
Gross vehicle weight rating according to PL regulations	21,000 kg (22,000 kg with K80 tension member)
Gross vehicle weight rating according to Directive 2015/208 (only load on axles)	18,000 kg
Kerb weight (without wall extensions)	~5480 kg*
Number of axles	2 (tandem)
Length	7,325 mm
Width	2,550 mm
Height without extensions	~2,645 mm
Height with extensions	~3,265 mm
Box type	Shell, not pallet type
Length of cargo box interior	5,100 mm
Width of cargo box interior front/rear	2,300 mm
Height of box walls (without extensions)	~900 mm
Height of platform from base	~1,330 mm
Floor/wall sheet thickness	8 / 5 mm
Loading surface	10.1 m <sup>2</sup>
Loading capacity - without extensions (with extensions)	10.5 m <sup>3</sup> (22.7 m <sup>3</sup> )
Track of wheels	1,900 mm
Wheelbase	1,320 mm
Suspension	parabolic springs
Max. vertical drawbar eye load	3,000 kg (4,000 kg with K80 tension member)
Drawbar coupling height – min.	without drawbar distance pieces (standard) - 730 mm with one distance plate - 677 mm with one drawbar distance piece - 540 mm with one drawbar distance piece and one plate - 490 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)	-- / 50
Tipping system	rear chute

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

### STANDARD MACHINE EQUIPMENT

Wall height ~ 900 mm with thickness 5mm

Rear "flap" closed hydraulically, securing rear hydraulic hatch and extending the chute during unloading. Flap actuators secured by hydraulic lock. The flap opens automatically when the cargo box is raised.

Hot-galvanized exterior ladder 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

Back-tipping shell-type box made of HARDOX 500 Tuff steel, floor made of 8 mm sheet, walls made of 5 mm sheet

Floor made of single sheet, thickness 8mm

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

Hydraulic drawbar support with built-in hydraulic lock

Homologated, hot-galvanized bumper

Rear gravity hatch with hydraulic closure, made from 5 mm-thick HARDOX 500 Tuff sheet)

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

Homologated, double-circuit, pneumatic brake system with automatic braking force adjustment, with output for second trailer.

Rear hydraulic, electrical and brake output to the second trailer

Hydraulic lock on actuator of flap, 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, 406x120 brake, 10-pin

Parabolic leaf spring suspension

Two wheel chocks placed in galvanized pockets

Telescopic actuator, eight-level, pitch 2180 mm. Useful force at eighth level with diameter 53 mm, at nominal pressure 16MPa = 20T

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, with tilting central pipe.**
Volumetric extensions, height 1,040 mm, thickness 2 mm, with inspection window in front wall. Capacity with extensions 22.7m <sup>3</sup> .***
“Hydro-hatch” rear wall, raised hydraulically - increased span of cargo box outlet during unloading. Can be used as a hydraulic hatch and gravity hatch.***
Full LED lighting
385/65 R22.5 “new” spare wheel
Surcharge for “new” 445/65 R22.5 wheels
445/65 R22.5 “new” spare wheel
Additional payment for wheels 400/60-22.5 "new"
400/60-22.5 “new“ spare wheel
Additional payment for wheels 600/50-22.5 "new"
600/50-22.5 “new“ spare wheel
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)
Set of side (bicycle) guards
Automatic hitch for second trailer
Manual hitch for second trailer
Toolbox

\*\* - available only with extensions

\*\*\* - extensions unavailable in the case of “hydro-hatch” installation

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The time at which a contract is concluded is the moment of acceptance of an offer by the Cynkomet Sp. z o.o. salesperson.



**HOT-  
GALVANIZED CONSTRUCTION**

| Agricultural trailer | T-617/6 | 14 TONS



