

TRAILER T-617/5

TECHNICAL SPECIFICATIONS | EQUIPMENT



 **HOMOLOGATION
EUROPEAN**



Year of model 2022

CynkoMet[®]
Czarna Białostocka

TECHNICAL SPECIFICATIONS	
Type / Variant / Version according to EU homologation	T-4 720 61
Administrative loading capacity	~ 15,500 kg* (16,500 kg with K80 tension member)
Technical loading capacity	~ 15,500 kg* (16,500 kg with K80 tension member)
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)	~5,500 kg* (with extensions - standard)
Number of axles	2 (tandem)
Length	7,230 mm
Width	2,550 mm
Height without extensions	~2,365 mm
Height with extensions	~3,165 mm
Box type	Side-wall, pallet type
Length of cargo box interior	5,140 mm
Width of cargo box interior front/rear	2,430 mm
Height of box walls (without extensions)	1,600 mm (800+800)
Height of platform from base	~1,565 mm
Floor/wall sheet thickness	5 / 2 mm
Loading surface	12.5 m ²
Loading capacity - without extensions (with extensions)	10 m ³ (20 m ³)
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.	“one drawbar distance piece (standard) - 690 mm distance piece + plate - 630 mm two drawbar distance pieces - 510 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 / 50
Tipping system	three-way

STANDARD MACHINE EQUIPMENT

Wall height 800 mm with thickness 2mm, hot-galvanized - split side walls
Wall extensions, height 800 mm with thickness 2 mm, hot-galvanized - split side wall extensions
Central bolt-locking of walls (bottom sideboards)
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
Hot-galvanized frame of cargo box
Main stringers (with variable cross-section) of cargo box frame made of bent high-strength sheets 6mm thick. Profile cross-section at highest point 110x300 mm
Galvanized cargo box floor welded out of two sheets with a thickness of 5 mm, bolted and riveted
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
Side wall links
Pallet width
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
New 385/65 R22.5 wheels
Axles from renowned ADR company, full beam with 100 mm square cross-section, 406x120 brake
Parabolic leaf spring suspension
Two wheel chocks placed in galvanized pockets
Telescopic actuator with articulated suspensions, five-level with 1980 mm pitch. Useful force at fifth level with diameter 140 mm, at nominal pressure 20MPa = 307.9kN (31.4T)
Wheel fenders

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

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
Homologated, hydraulic double-circuit brake system with automatic braking force adjustment
Surcharge for "new" 550/60 R22.5 wheels
385/65 R22.5 "new" spare wheel
550/60 R22.5 "new" spare wheel
Roll-up tarpaulin
Hydraulic quick-coupler with pressure neutralizer in hose
Warning triangle (sign distinguishing slow-moving vehicle)
DUPLEX - painted set of walls
DUPLEX - painted set of extensions
Hitch tension member K80
Set of side (bicycle) guards
Automatic hitch for second trailer
Manual hitch for second trailer

Realization of an order begins when a person from our sales department confirms the data contained in the order form.

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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-617/5 | 15.5 TONS

