

TRAILER T-104/7

TECHNICAL SPECIFICATIONS | EQUIPMENT



 **HOMOLOGATION
POLAND**



Year of model 2022

wersja.2.2022

CynkoMet[®]
Czarna Białostocka

TECHNICAL SPECIFICATIONS	
Administrative loading capacity	~ 12,300 kg*
Technical loading capacity	~ 12,300 kg*
Gross vehicle weight rating according to PL regulations	16,000 kg
Kerb weight (without wall extensions)	~3700 kg*
Number of axles	2
Length	6,820 mm
Width	2,550 mm
Height without extensions	~2,210 mm
Height with extensions	~2,810 mm
Box type	Side-wall, pallet type
Length of cargo box interior	4510 mm
Width of cargo box interior front/rear	2415mm
Height of box walls (without extensions)	800 mm
Height of platform from base	~1,410 mm
Floor/wall sheet thickness	5 / 2.5 mm
Loading surface	10.9 m2
Loading capacity - without extensions (with extensions)	8.7 m3 (600 extensions - 15.2 m3, 800 extensions - 17.4 m3)
Track of wheels	1,800 mm
Wheelbase	3,035 mm
Suspension	parabolic springs
Drawbar coupling height – min.	550 mm
Drawbar coupling height – max.	1,200 mm
Max. tolerable vertical load on axle	1. 8200 kg 2. 8,200 kg
Tire size	385/65-22.5
Design speed	40 km/h
Minimum demand for tractor power	58.8 kW / 80 HP
Tipping angle of the cargo box (backward / sideways)	45 / 50
Tipping system	three-way

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

STANDARD MACHINE EQUIPMENT
Wall height 800 mm with thickness 2.5 mm, hot-galvanized
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
"Y"-type drawbar with exchangeable tip, homologated according to Regulation 55 UN ECE and 167/2013*2015/208 ND
Bolted hitch tension member dia. 40
Hot-galvanized frame of cargo box
Main stringers (with variable cross-section) of cargo box frame made of bent high-strength sheets
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 200x80x6 and 160x80x6 closed sections
Parking handbrake with crank
Grain chute, hot-galvanized, with blockade in the rear wall
2 regulated springs supporting drawbar
Side wall tensioning flat bars
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 front lamps, perimeter reflectors
Hydraulic tipping installation of cargo box 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
385/65-22.5 wheels
Axles from renowned ADR company, full beam with 90 mm square cross-section, 400x80 brake
Parabolic leaf spring suspension
Two wheel chocks placed in galvanized pockets
Telescopic actuator with articulated suspensions, four-level with 1700 mm pitch. Useful force at fourth level with diameter 120 mm, at nominal pressure 16 MPa = 180 kN (~18.3T)
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

Hot-galvanized 600 mm wall extensions, thickness 2.5 mm

Hot-galvanized 800 mm wall extensions, thickness 2.5 mm

Chute for precise tipping, hot-galvanized

Hot-galvanized work platform

Full LED lighting

Single-circuit hydraulic brake system

Surcharge for "new" 400/60 22.5 wheels

Surcharge for "new" 385/65 R22.5 wheels

400/60 22.5 "new" spare wheel

385/65 R22.5 "new" spare wheel

385/65 R22.5 "treaded" 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

Drawbar eye 50mm

Automatic hitch for second trailer

Manual hitch for second trailer

Water tank + soap dispenser**

Toolbox**

** - in the case of installation of the spare wheel winch with the wheel hanger, it is not possible to install the water tank with soap dispenser and toolbox

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**HOT-
GALVANIZED CONSTRUCTION**

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