

# TRAILER T-104-4

TECHNICAL SPECIFICATIONS | EQUIPMENT



Year of model 2022

**CynkoMet®**  
Czarna Białostocka

TECHNICAL SPECIFICATIONS	
Administrative loading capacity	~8090 kg*
Technical loading capacity	~8090 kg*
Gross vehicle weight rating according to PL regulations	10,710 kg
Kerb weight (without wall extensions)	~2620 kg*
Number of axles	2
Length	6,475 mm
Width	2,440 mm
Height without extensions	1,730 mm
Height with extensions	2,230 mm
Length of cargo box interior	4,440 mm
Width of cargo box interior front/rear	2,245 / 2,295 mm
Height of box walls (without extensions)	500 mm
Height of platform from base	1,230 mm
Floor/wall sheet thickness	5 / 2.5 mm
Loading surface	10 m <sup>2</sup>
Loading capacity - without extensions (with extensions)	5 m <sup>3</sup> (10 m <sup>3</sup> )
Track of wheels	1,700 mm
Wheelbase	3,040 mm
Suspension	leaf springs
Drawbar coupling height – min.	400 mm
Drawbar coupling height – max.	1,100 mm
Max. tolerable vertical load on axle	1. 5800 kg 2. 5,800 kg
Tire size	400/60-15.5
Design speed	40 km/h
Minimum demand for tractor power	51.5 kW / 70 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

<b>STANDARD MACHINE EQUIPMENT</b>
Wall height 500 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
"Triangle" drawbar - drawbar homologated according to Reg. 55 UN ECE
Welded 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
Regulated spring supporting drawbar
Side wall links
Rear hitch for second trailer
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, single-circuit brake installation with output for second trailer
Rear hydraulic, electrical and brake output to the second trailer
New 400/60-15.5 wheels
Axles from renowned ADR company, full beam with 70 mm square cross-section, 300x60 brake
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**

Hot-dip galvanized spare wheel hanger (mounted on front wall)\*

Hot-galvanized tarpaulin frame made of 40x40x3 closed profiles

Hot-galvanized 500 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

Pneumatic double-circuit brake system with manual braking force adjustment

400/60-15.5\* spare wheel

Laced tarpaulin

Roll-up tarpaulin

Hydraulic quick-coupler with pressure neutralizer in hose

Warning triangle (sign distinguishing slow-moving vehicle)

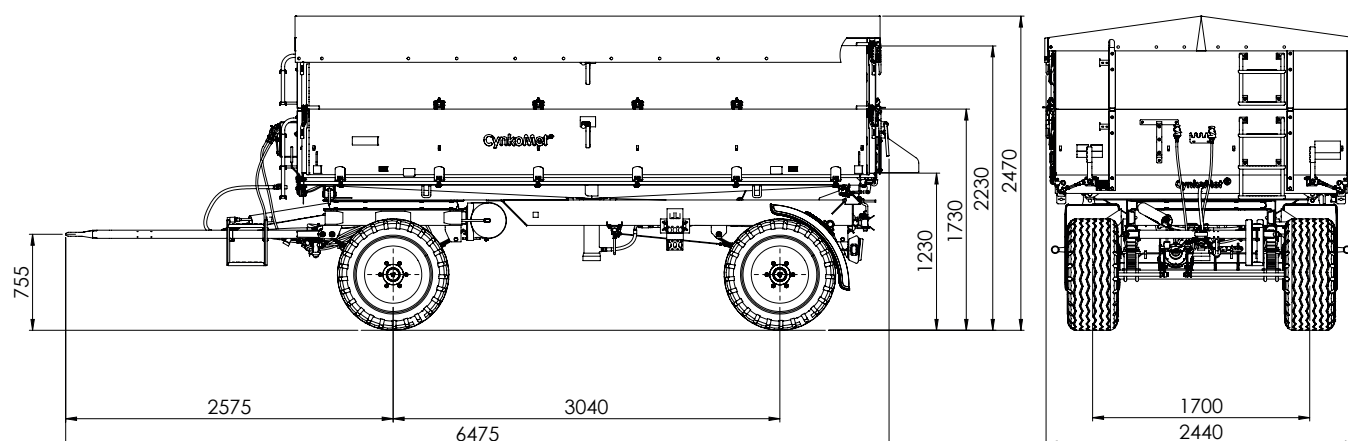
DUPLEX - painted set of walls

DUPLEX - painted set of extensions

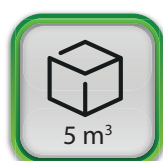
Drawbar eye 50mm

Automatic hitch for second trailer

\* It is not possible to simultaneously mount the wheel hanger and work platform on the front wallboard



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**HOT-  
GALVANIZED CONSTRUCTION**

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