

# TRAILER T-104-5

TECHNICAL SPECIFICATIONS | EQUIPMENT



 **HOMOLOGATION  
EUROPEAN**



Year of model 2022

**CynkoMet®**  
Czarna Białostocka

TECHNICAL SPECIFICATIONS	
Type / Variant / Version according to EU homologation	T-1 721 41
Administrative loading capacity	~9000 kg*
Technical loading capacity	~9000 kg*
Gross vehicle weight rating according to PL regulations	11,900 kg
Gross vehicle weight rating according to Directive 2015/208 (only load on axles)	11,900 kg
Kerb weight (without wall extensions)	~2900 kg*
Number of axles	2
Length	6,520 mm
Width	2,440 mm
Height without extensions	1,770 mm
Height with extensions	2,270 mm
Box type	Side-wall, not pallet type
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	1,270 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	1,800 mm
Wheelbase	3,000 mm
Suspension	parabolic springs
Drawbar coupling height – min.	400 mm
Drawbar coupling height – max.	1,100 mm
Max. tolerable vertical load on axle	1. 5950 kg 2. 5,950 kg
Tire size	500/50-17
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

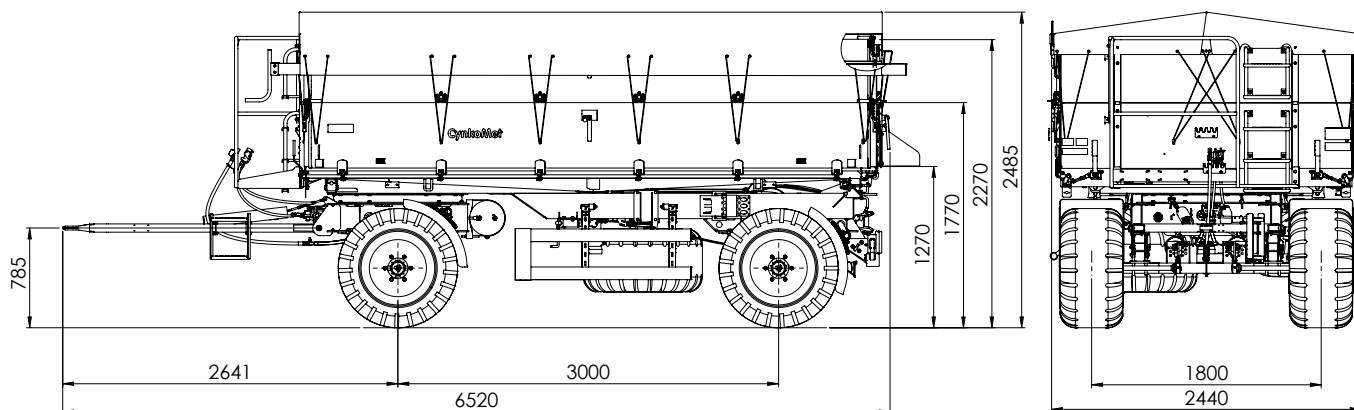
STANDARD MACHINE EQUIPMENT
Wall height 500 mm with thickness 2.5 mm, hot-galvanized
Central bolt-locking of walls (bottom sideboards)
Exterior ladder and steps inside cargo box - hot-galvanized - with anti-skid steps facilitating access to cargo box
Maintenance support of cargo box, hot-galvanized
"Triangle" 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
Homologated, hot-galvanized bumper
Side wall links
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 tipping installation of cargo box 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 500/50-17 wheels
Axles from renowned ADR company, full beam with 80 mm square cross-section, 350x90 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

### Structural elements

Spare wheel hanger with winch, hot-galvanized
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
Homologated, hydraulic double-circuit brake system with automatic braking force adjustment
500/50-17 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
Manual hitch for second trailer



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HOT-  
GALVANIZED CONSTRUCTION