

# TRAILER T-149/1

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-1 B21 71
Administrative loading capacity	~ 12,840 kg*
Technical loading capacity	14,000 kg
Gross vehicle weight rating according to PL regulations	18,000 kg
Gross vehicle weight rating according to Directive 2015/208 (only load on axles)	18,000 kg
Kerb weight (without wall extensions)	~5,160 kg* (with extensions - standard)
Number of axles	2
Length	7,350 mm
Width	2,550 mm
Height without extensions	~2,175 mm
Height with extensions	~2,975 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	~1,375 mm
Floor/wall sheet thickness	5 / 2 mm
Loading surface	12.5 m <sup>2</sup>
Loading capacity - without extensions (with extensions)	10 m <sup>3</sup> (20 m <sup>3</sup> )
Track of wheels	1,900 mm
Wheelbase	3,460 mm
Suspension	parabolic springs
Drawbar coupling height – min.	480 mm
Drawbar coupling height – max.	1,190 mm
Max. tolerable vertical load on axle	1. 9000 kg 2. 9,000 kg
Tire size	385/65-22.5
Design speed	40 km/h
Minimum demand for tractor power	73.5 kW / 100 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

*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.*

### 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

"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 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 and 150x150x8 closed sections

Parking handbrake with crank

Grain chute, hot-galvanized, with blockade in the rear wall

2 regulated springs supporting drawbar

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 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 385/65 R22.5 wheels

Axles from renowned ADR company, full beam with 90 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

<b>OPTIONAL MACHINE EQUIPMENT</b>
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
385/65 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
Drawbar eye 50mm
Set of side (bicycle) guards
Automatic hitch for second trailer
Manual hitch for second trailer
Water tank + soap dispenser
Toolbox

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**HOT-  
GALVANIZED CONSTRUCTION**

