

# TRAILER T-169/2

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-1 421 21
Administrative loading capacity	~6060 kg*
Technical loading capacity	~6060 kg*
Gross vehicle weight rating according to PL regulations	8,400 kg
Gross vehicle weight rating according to Directive 2015/208 (only load on axles)	8,400 kg
Kerb weight (without wall extensions)	~ 2,340 kg*
Number of axles	2
Length	6,170 mm
Width	2,300 mm
Height without extensions	1,670 mm
Height with extensions	2,170 mm
Length of cargo box interior	4,040 mm
Width of cargo box interior front/rear	2,090 / 2,140 mm
Height of box walls (without extensions)	500 mm
Height of platform from base	1,170 mm
Floor/wall sheet thickness	4 / 2.5 mm
Loading surface	8.6 m <sup>2</sup>
Loading capacity - without extensions / with extensions	4.3 m <sup>3</sup> (8.6 m <sup>3</sup> )
Track of wheels	1,700 mm
Wheelbase	2,670 mm
Suspension	parabolic springs
Drawbar coupling height – min.	390 mm
Drawbar coupling height – max.	1,090 mm
Max. tolerable vertical load on axle	1. 4200 kg 2. 4,200 kg
Tire size	11.5/80-15.3
Design speed	40 km/h
Minimum demand for tractor power	44.1 kW / 60 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. 55UN ECE

Welded hitch tension member dia. 40

Hot-galvanized frame of cargo box

Main stringers of cargo box frame made of metallurgical 160 channel sections

Galvanized cargo box floor made of single riveted and bolted sheet, thickness 4mm

Hot-dip galvanized bottom frame (protection of the structure on the exterior and interior of profiles), stringers of the frame made of metallurgical 160 and 140 channel sections, additionally closed by 5 mm sheet

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

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 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 11.5/80-15.3 wheels

Axles from renowned ADR company, full beam with 80mm square cross-section, 300x90 brake

Parabolic leaf spring suspension

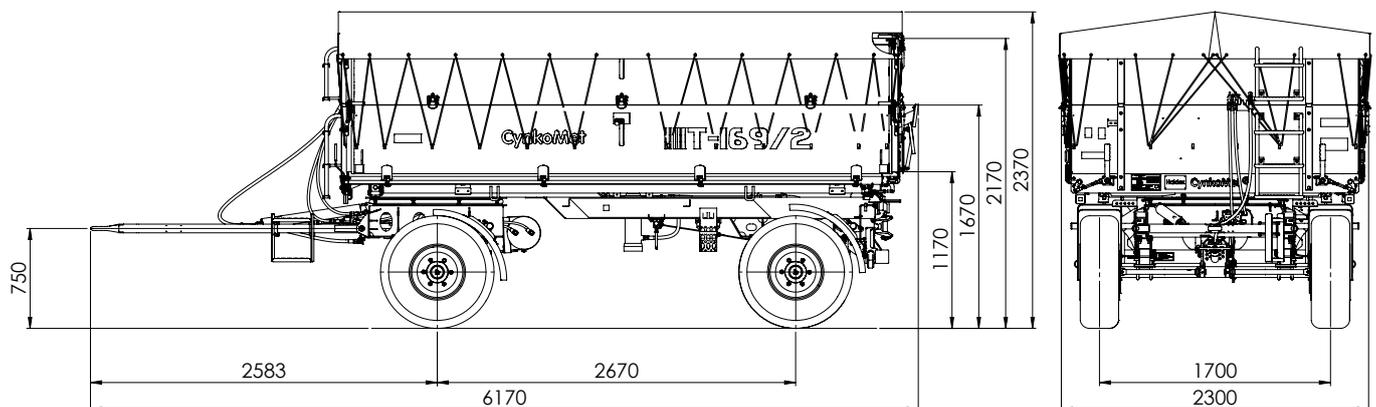
Two wheel chocks placed in galvanized pockets

Telescopic actuator with articulated suspensions, four-level with 1,300 mm pitch. Useful force at fourth level with diameter 105mm, at nominal pressure 16MPa = 138kN (~14T)

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.*

<b>OPTIONAL MACHINE EQUIPMENT</b>
Spare wheel hanger, 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
Surcharge for 14/65-16 wheels
14/65-16 spare wheel
11.5/80-15.3 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
Set of side (bicycle) guards



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**HOT-GALVANIZED CONSTRUCTION**