

# TRAILER T-117

TECHNICAL SPECIFICATIONS | EQUIPMENT



 **HOMOLOGATION  
POLAND**



Year of model 2022

**CynkoMet**<sup>®</sup>  
Czarna Białostocka

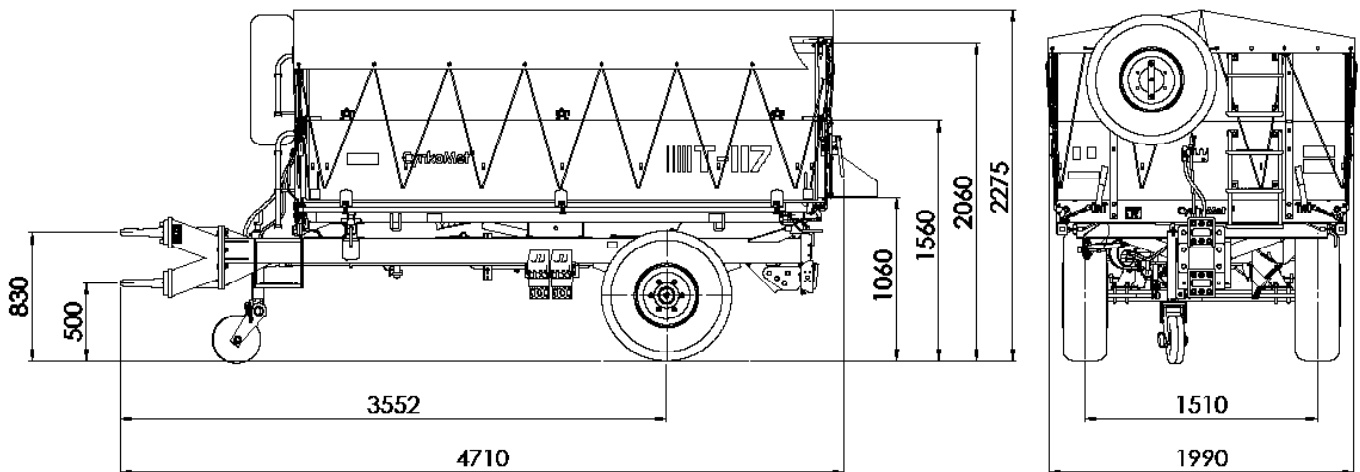
<b>TECHNICAL SPECIFICATIONS</b>	
Technical loading capacity	~3515 kg*
Gross vehicle weight rating according to PL regulations	4,680 kg
Kerb weight (without wall extensions)	~1165 kg*
Number of axles	1
Length	4,710 mm
Width	1,990 mm
Height without extensions	1,560 mm
Height with extensions	2,060 mm
Length of cargo box interior	3,345 mm
Width of cargo box interior front/rear	1,830 mm
Height of box walls (without extensions)	500 mm
Height of platform from base	1,060 mm
Floor/wall sheet thickness	3 / 2.5 mm
Loading surface	6.1 m2
<b>DETAILED SPECIFICATIONS</b>	
Loading capacity - without extensions / with extensions	3.05 m3 (6.1 m3)
Track of wheels	1,500 mm
Suspension	Rigid
Max. Vertical drawbar eye load	1,000 kg
Drawbar coupling height – min.	500 mm
Drawbar coupling height – max.	830 mm
Max. tolerable vertical load on axle	3,860 kg
Tire size	11.5/80-15.3
Design speed	30 km/h
Minimum demand for tractor power	22.1 kW / 30 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

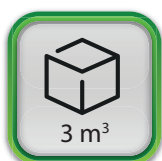
<b>STANDARD MACHINE EQUIPMENT</b>
<b>Structural elements</b>
Wall height 500 mm with thickness 2.5 mm, hot-galvanized
Central bolt-locking of walls (bottom sideboards)
Exterior ladder and steps inside cargo box - hot-galvanized - with anti-skid steps facilitating access to cargo box
Maintenance support of cargo box, hot-galvanized
Rigid drawbar for coupling with the top or bottom hitch of the tractor, with replaceable eye, drawbar homologated according to Regulation 55UN ECE
Bolted hitch tension member dia. 50
Hot-galvanized frame of cargo box
Main stringers of cargo box frame made of 160x60x4 closed profiles
Galvanized cargo box floor made of single riveted and bolted sheet, thickness 3mm
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
Straight drawbar support with collapsible steel wheel, partially hot-galvanized
<b>Installations</b>
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
Single-line pneumatic brake system
<b>Driving system</b>
New 11.5/80-15.3 wheels
Axles from renowned ADR company, full beam with 70mm square cross-section, 300x60 brake
<b>Other elements</b>
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)

*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>
<b>Structural elements</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
<b>Installations</b>
Full LED lighting
<b>Driving system</b>
11.5/80-15.3 spare wheel
<b>Other equipment</b>
Laced 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



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**HOT-GALVANIZED CONSTRUCTION**