

# MANURE SPREADER N-221/3-4

TECHNICAL SPECIFICATIONS | EQUIPMENT



✓ **HOMOLOGATION  
EUROPEAN**



**CS LINE**



Year of model 2022

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

<b>TECHNICAL SPECIFICATIONS</b>	
Type / Variant / Version according to EU homologation	N-2 720 21
Administrative loading capacity	~8240 kg*
Technical loading capacity	~8240 kg*
Gross vehicle weight rating according to PL regulations	12,500 kg
GVWR according to Directive 2015/208 (only load on axles)	10,000 kg
Unladen mass	~ 4,260 kg*
Number of axles	2 - tandem
Adapter	A4VS adapter - 4 vertical drums
Length	6,525 mm
Width	2,400 mm
Height	2,800 mm
Length of loading space ext. (góra)	4,300 mm
Width of loading box interior	2,070 / 2,150 mm
Height of loading box walls	1,000 mm
Height of platform from base	1,360 mm
Loading height	2,360 mm
Floor/wall sheet thickness	3 / 3 mm
Conveyor drive	Hydraulic lock
Adapter drive	Mechanical from the PTO shaft
Openable side walls	No
<b>DETAILED SPECIFICATIONS</b>	
Loading capacity (loading 5cm above the side walls)	9 m3
Track of wheels	1,700 mm
Suspension	Tandem - parabolic springs
Max. Drawbar eye load	2,500 kg
Drawbar coupling height - bottom position	420 mm
Drawbar coupling height - top position	1060 mm
Max. tolerable axle load	1. - 5,000 kg, 2. - 5 000 kg
Tyre size	500/50-17
Design speed	40 km/h
Minimum demand for tractor power	66kW/90KM
Spreading width depending on manure used	~6-8 m**

\* - unladen mass and loading capacity may vary depending on equipment

\*\* - spreading width may differ from the specified width depending on the material used

<b>STANDARD MACHINE EQUIPMENT</b>
<b>Structural elements</b>
Side walls bent with 1 sheet of sheet 3 mm with S355 steel with a height of 1,000 mm with walls stiffening profiles - hot-dip galvanised
A4VS adapter - 4 inclined vertical worm drums with bolted knives, with discs and lime board, hot-dip galvanised
Exchangeable floor made of hot-dip galvanised flat sheet
Two-position drawbar for coupling with the top or bottom hitch of the tractor, with replaceable 50 mm eye, drawbar homologated according to Regulation 55 UN ECE
Hydraulic advance of conveyor with stepless regulation and overload valve
Hot-dip galvanised hydraulic rear wall
Hot-dip galvanised adapter cover
Hot-dip galvanised front guard, meeting safety requirements
Bolted drawbar diam. 50
Top and bottom frame hot-dip galvanised (structure protected on exterior and interior of profiles)
Straight drawbar support with collapsible steel wheel, partially hot-dip galvanised
hot-dip galvanised conveyor chain, link diameter 11 mm
Replaceable hot-dip galvanised conveyor slats
Parking handbrake with crank
Hot-dip galvanised removable exterior ladder with anti-skid steps, facilitating access to the load box
Star wheels made of spheroidal graphite iron
EU homologation
Lighting installation connector cable with 7PIN 12V plug
12V lighting, homologated, with bulbs, LED perimeter lighting
Pneumatic two-line braking system with ALB
Hydraulic installations made of galvanised steel tubes and flexible hoses
Hydraulic connectors to tractor, type ISO 7241-1 DN 12.5
New 500/70-17 wheels
Axles from renowned ADR company, full beam with 80 mm square cross-section, 300x90 brake

*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**

**Other elements**

Two wheel chocks placed in galvanised pockets

articulated PTO shaft

Tandem suspension on parabolic leaf springs

Adapter drive protected by automatic clutch

Exchangeable adapter blades

Exchangeable, galvanised skids of floor conveyor strips

Distance between chains secures against divergence of chains during work

Wood skids for conveyor chains under upper frame

Hot-dip galvanised bracket for connectors, adjustable

Wall brackets equipped with reinforced edge seal preventing damage to walls' galvanised coating

Rear wall opening height indicator

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## OPTIONAL MACHINE EQUIPMENT

### Structural elements

Hot-dip galvanised volume extensions with a hydraulic rear hatch - height 800 mm \* (\* it is not possible to mount the extensions together with the adapter)

Additional hydraulic distributor for tractors with two hydraulic outlets - hydraulic control of the rear wall, hydraulic drawbar support, on/off floor conveyor drive.

Hydraulic drawbar support

Deflector

Adapter blades made of high-strength steel

Adapter A2V - 2 vertical inclined screw drums with bolted knives, with plates and a counter for lime, with a deflector, hot-dip galvanised

Full LED lighting

Hydraulic quick-coupler with pressure neutralizer in hose

Homologated, hydraulic double-circuit brake system with automatic braking force adjustment

Chassis

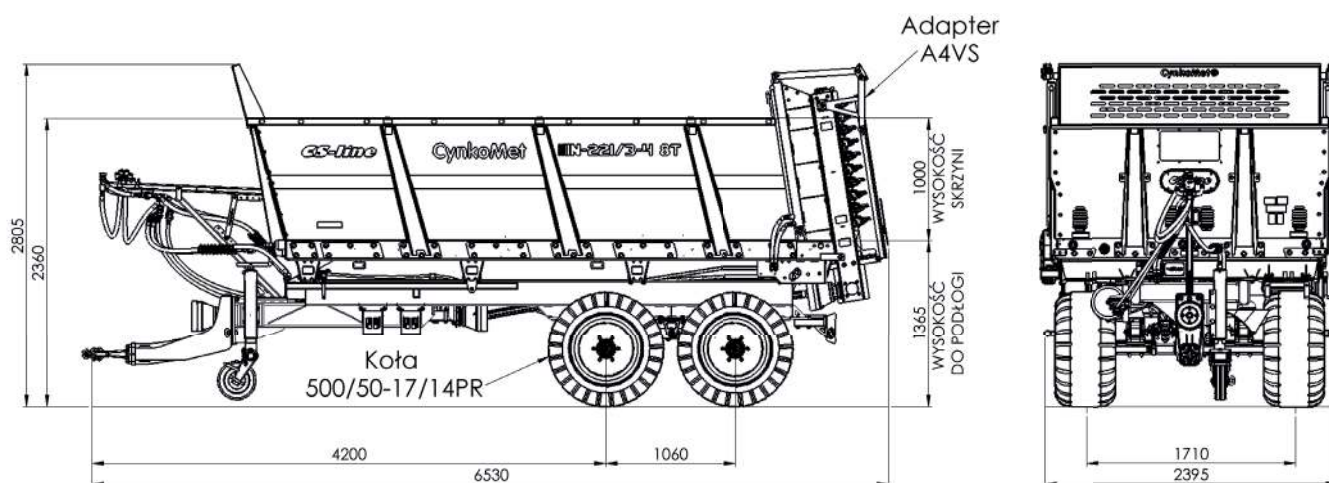
Wide-angle articulated PTO shaft

Warning triangle

Digital control - conveyor drive control, rear wall, volume hatch, hydraulic drawbar support

Conveyor's hydraulic feed with electric control in tractor cabin

Hitch tension member K80



**HOT-DIP GALVANISED  
CONSTRUCTION**