

MANURE SPREADER N-221/3-8

TECHNICAL SPECIFICATIONS | EQUIPMENT



 **HOMOLOGATION
EUROPEAN**



Year of model 2022

CynkoMet[®]
Czarna Białostocka

TECHNICAL SPECIFICATIONS	
Type / Variant / Version according to EU homologation	N-2 920 51
Administrative loading capacity	~10,080 kg*
Technical loading capacity	~10,080 kg*
Gross vehicle weight rating according to PL regulations	16,000 kg
GVWR according to Directive 2015/208 (only load on axles)	13,000 kg
Unladen mass	~ 5,920 kg
Number of axles	2 - tandem
Adapter	A2V adapter - 2 vertical drums
Length	8,430 mm
Width	2,460 mm
Height	3,030 mm
Length of loading space ext. (góra)	4,900 mm
Width of loading box interior	2,080 mm
Height of loading box walls	1,000 mm
Height of platform from base	1,560 mm
Loading height	2560 mm
Floor/wall sheet thickness	3/2 mm
Conveyor drive	Hydraulic lock
Adapter drive	Mechanical from the PTO shaft
Openable side walls	No
Loading capacity (loading 5cm above the side walls)	10.7 m3
Track of wheels	1,800 mm
Suspension	Tandem - parabolic springs
Max. Vertical drawbar eye load	3,000 kg (4,000 kg with K80 harness)
Drawbar coupling height - lower position	565 mm
The height of the drawbar clutch - upper position	1,210 mm
Max. tolerable axle load	1. - 6,500 kg, 2. - 6,500 kg
Tyre size	550/60-22.5
Design speed	40 km/h
Minimum demand for tractor power	74kW/100KM
Spreading width depending on manure used	~12 m**

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

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

STANDARD MACHINE EQUIPMENT
Wall height 1,000 mm - hot-dip galvanised
A2V adapter - 2 balanced inclined vertical drums with bolted knives, with 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
Divided hot-dip galvanised deflectors
Hot-dip galvanised front mesh that meets the safety requirements (according to PN-EN 690:2014-02 standards) with a folding mechanism for transport purposes
Bolted drawbar diam. 50
Hot dip galvanised bottom frame with longitudinal sections made of 200x80x6 profiles
Hot-dip galvanised upper frame welded from 160x60x4 profiles and 200" metallurgical channel
Hydraulic shaft support partially hot-dip galvanised
Hot-dip galvanised conveyor chain - 14x50 links
Exchangeable, hot-dip galvanised conveyor strips made of metallurgical C65 profile
Parking handbrake with crank
Exterior ladder with anti-skid steps, facilitating access to loader 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 550/60-22.5 wheels
Axle from renowned ADR company, full beam with 90 mm square cross-section, 400x80 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

Two wheel chocks placed in galvanised pockets

articulated PTO shaft

Tandem suspension on parabolic leaf springs

Drive shafts coupled to articulated PTO shafts equipped with clutch protecting the transmission: friction and one-way

Exchangeable adapter blades

Exchangeable, galvanised skids of floor conveyor strips

Distance between chains secures against divergence of chains during work

Floor conveyor powered by two transmissions, 4000 Nm each

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)

Installations

Full LED lighting

Hydraulic quick-coupler with pressure neutralizer in hose

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

Chassis

New 600/50-22.5 wheels

Other equipment

Wide-angle articulated PTO shaft

Warning triangle

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

Conveyor's hydraulic feed with electric control in tractor cabin

K80 drawbar hitch (permitted drawbar eye load up to 4,000 kg)

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HOT-DIP GALVANISED
CONSTRUCTION

| Manure spreader N-221/3-8 | 10 TONS

