

MANURE SPREADER N-221/3-1

TECHNICAL SPECIFICATIONS | EQUIPMENT



Year of model 2022

CynkoMet[®]
Czarna Białostocka

TECHNICAL SPECIFICATIONS	
Administrative loading capacity	~6,000 kg*
Technical loading capacity	~6,000 kg*
Gross vehicle weight rating according to PL regulations	9,200 kg
Unladen mass	~ 3,200 kg*
Adapter	A4VS adapter - 4 vertical drums
Length	6,540 mm
Width	2,395 mm
Height	2,655 mm
Length of loading space ext. (góra)	4,050 mm
Width of loading box interior	2,100 mm
Height of loading box walls	750 mm
Height of platform from base	1,340 mm
Loading height	2,090 mm
Floor/wall sheet thickness	3/2.5 mm
Conveyor drive	Hydraulic lock
Adapter drive	Mechanical from the PTO shaft
Openable side walls	No
DETAILED SPECIFICATIONS	
Loading capacity (loading 5cm above the side walls)	7 m ³
Track of wheels	1,800 mm
Suspension	Rigid
Max. drawbar eye load	2,500 kg
Drawbar coupling height - bottom position	400 mm
Drawbar coupling height - top position	1,040 mm
Max. tolerable axle load	7,000 kg
Tyre size	500/50-17
Design speed	30 km/h
Minimum demand for tractor power	59kW/80KM
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

STANDARD MACHINE EQUIPMENT
Structural elements
Wall height 750 mm - hot-dip galvanised
A4VS adapter - 4 inclined vertical worm drums 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
Exterior ladder with anti-skid steps, facilitating access to cargo box
Star wheels made of spheroidal graphite iron
Installations
Lighting installation connector cable with 7PIN 12V plug
12V lighting, homologated, rear bulb lamps, LED front lamps, perimeter reflectors
Two-line pneumatic brake system
Hydraulic installations made of galvanised steel tubes and flexible hoses
Hydraulic connectors to tractor, type ISO 7241-1 DN 12.5
Chassis
New 500/70-17 wheels
Axles from renowned ADR company, full beam with 90 mm square cross-section, 300x90 brake
Other elements
Two wheel chocks placed in galvanised pockets
Articulated shaft
Rigid suspension

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.

OPTIONAL MACHINE EQUIPMENT
Structural elements
Hot-dip galvanised volume extensions with a hydraulic rear hatch - height 750 mm * (* it is not possible to mount the extensions together with the adapter)
Additional hydraulic distributor for tractors with two hydraulic sockets
Hydraulic drawbar support
Deflector
Installations
Full LED lighting
Hydraulic quick-coupler with pressure neutralizer in hose
Single-line pneumatic brake system
Single-line hydraulic brake system
Other equipment
Wide-angle articulated 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

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**HOT-DIP GALVANISED
CONSTRUCTION**

| Manure spreader N-221/3-1 | 6 TONS

