MANURE SPREADER N-221/3-9

TECHNICAL SPECIFICATIONS | EQUIPMENT

12 T

WARRANTY 24 months + WARRANTY 48 months on galvanised parts

Year of model 2022

CynkoMet® Czarna Białostocka

TECHNICAL SPECIFICATIONS	
Administrative loading capacity	~12000 kg*
Technical loading capacity	~12000 kg*
Gross vehicle weight rating according to PL regulations	18,180 kg
Unladen mass	~ 6,180 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	1,350 mm
Height of platform from base	1,560 mm
Loading height	2910 mm
Floor/wall sheet thickness	3/2 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)	14.3 m3
Track of wheels	1,800 mm
Suspension	Tandem - parabolic springs
Max. Vertical drawbar eye load	3,000 kg (4,000 kg with K80 harnass)
Drawbar coupling height - lower position	565 mm
The height of the drawbar clutch - upper position	1,210 mm
Max. tolerable axle load	1. - 8,000 kg, 2. - 8 000 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
Structural elements
Wall height 1,000 mm - hot-dip galvanised
Hot-dip galvanised 350 mm wall extensions, hydraulically folded to one side, made of 60x30x3 profiles and 2 mm sheet
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, meeting safety requirements (according to standard PN-EN 690:2014-02), with 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
Installations
Lighting installation connector cable with 7PIN 12V plug
12V lighting, homologated, with bulbs, LED perimeter lighting
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 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.

Other elements
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
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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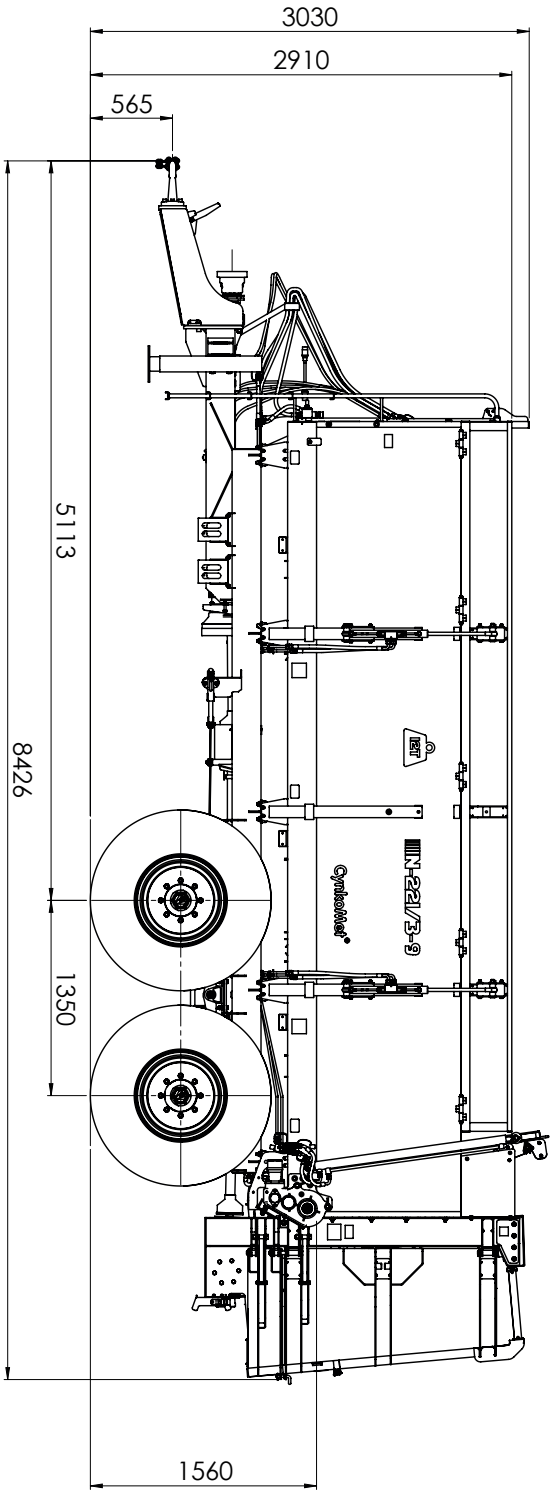
HOT-DIP GALVANISED CONSTRUCTION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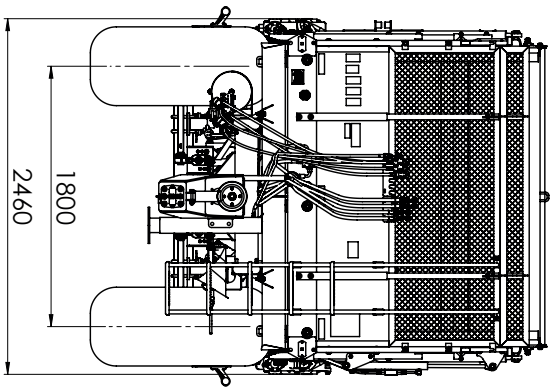
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