

# MANURE SPREADER N-233/5

TECHNICAL SPECIFICATIONS | EQUIPMENT



**HOMOLOGATION  
EUROPEAN**



**WARRANTY**  
12 months  
without PTO shaft



**WARRANTY**  
24 months  
with purchase of PTO shaft



**WARRANTY**  
48 months  
on galvanised parts

Year of model 2022

**CynkoMet®**  
Czarna Białostocka

<b>TECHNICAL SPECIFICATIONS</b>	
Type / Variant / Version according to EU homologation	N-1 310 11
Administrative loading capacity	~ 4,560 kg
Technical loading capacity	~ 4,560 kg
Gross vehicle weight rating according to PL regulations	6,400 kg
Gross vehicle weight rating according to Directive 2015/208 (only load on axles)	4,600 kg
Unladen mass	~ 1,840 kg
Number of axles	1
Adapter	A2HS – 2 horizontal worm drums
Length	5,810 mm
Width	2,120 mm
Height	2,735 mm
Length of loading space ext. (góra)	3,770 mm
Width of loading box interior	1,720 mm
Height of loading box walls	750 mm
Height of platform from base	1,085 mm
Loading height	1,835 mm
Floor/wall sheet thickness	4 / 2 mm
Conveyor drive	Mechanical from the PTO shaft
Adapter drive	Mechanical from the PTO shaft
Openable side walls	No
Loading capacity (loading 5cm above the side walls)	5 m3 (heaped 5.6 m3)
Track of wheels	1,500 mm
Suspension	rigid
Max. vertical drawbar eye load	1,800 kg
Drawbar coupling height - lower position	445 mm
The height of the drawbar clutch - upper position	915 mm
Max. tolerable axle load	4,600 kg
Tyre size	400/60-15.5
Design speed	30 km/h
Minimum demand for tractor power	33kW/45KM
Spreading width depending on manure used	~4 - 6 m**

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

**STANDARD MACHINE EQUIPMENT**

Wall height 750 mm with thickness 2mm - hot-dip galvanised.

A2HS adapter - 2 horizontal worm drums - hot-dip galvanised

Exchangeable floor made of hot-dip galvanised flat sheet

Hot-dip galvanised two-position drawbar for connecting to the tractor's lower or upper hitch with replaceable eye, drawbar approved in accordance with Regulation 2015/208

Mechanical drive of the conveyor from the PTO shaft with 9-step adjustment

Hot-dip galvanised adapter cover

Hot-dip galvanised front guard, meeting safety requirements

Bolted drawbar diam. 50

“Hot-dip galvanised bottom frame made of metallurgical 160 channel sections

Hot-dip galvanised bottom frame made of metallurgical 160 channel sections”

Straight drawbar support with collapsible steel wheel, partially hot-dip galvanised

Hot-dip galvanised conveyor chain, link diameter 11 mm

Exchangeable, hot-dip galvanised conveyor strips made of 50x25x3 profile

Parking handbrake with crank

Star wheels made of spheroidal graphite iron

Lighting installation connector cable with 7PIN 12V plug

Lighting 12V, homologated, bulb rear lights, LED front lights, contour reflectors

Pneumatic double-circuit brake system with manual braking force adjustment

New 400/60-15.5 wheels

Axles from renowned ADR company, full beam with 70 mm square cross-section, 300x60 brake

Two wheel chocks placed in galvanised pockets

Rigid suspension

*All our agricultural machinery is designed and tested by our design team, using the most modern tools available.  
Manufacturing is performed with the greatest diligence and in adherence to rigorous quality standards.*



OPTIONAL MACHINE EQUIPMENT
Hot-dip galvanised volume extensions with rear gravity flap - height 500 mm * (* it is not possible to mount the extensions together with the adapter)
Rear wall, 500 mm high, hot-dip galvanised (board, mounted in place of the adapter)
Hydraulic drawbar support
Hydraulic rear wall (in front of adapter)
Full LED lighting
Hydraulic quick-coupler with pressure neutralizer in hose
Homologated, hydraulic double-circuit brake system with automatic braking force adjustment
Articulated PTO shaft for coupling to tractor
Articulated, wide-angle PTO shaft for coupling to tractor
Warning triangle (sign distinguishing slow-moving vehicle)
Hitch tension member fi40

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**HOT-DIP GALVANISED  
CONSTRUCTION**

