

MANURE SPREADER N-264/1

TECHNICAL SPECIFICATIONS | EQUIPMENT



 **HOMOLOGATION
EUROPEAN**



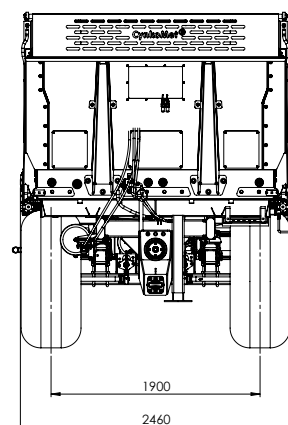
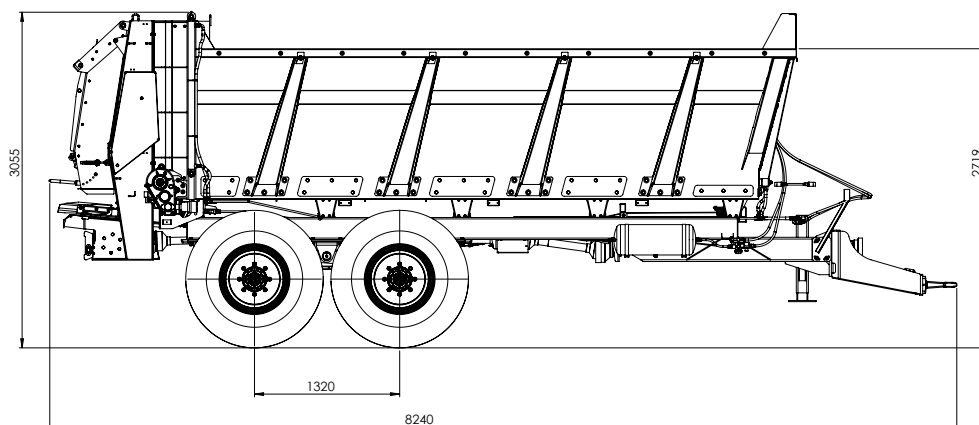
Year of model 2022

version.2.2022

CynkoMet[®]
Czarna Białostocka

TECHNICAL SPECIFICATIONS	
Type/version/variant	N-2/D20/71
Technical (designed) maximum permissible gross weight rating	21,000 kg
Gross vehicle weight rating	18,000 kg
including on axles max.	18,000 kg
including on drawbar max.	3,000 kg
Load capacity	~14,220 kg*
Unladen mass	~6,780 kg*
Loading surface	11.2m ²
cargo capacity	12.9 m ³
Width of cargo box interior	2190 mm
Length of cargo box interior	5120 mm
Box wall height	1150 mm
Overall dimensions (length/width/height)	8240/2460/~3055 mm
Floor/wall sheet thickness	3 mm / 4 mm
Height of platform from base	"~1570/ 550/60-22.5 wheels ~1525/ 600/50-22.5" wheels
Track of wheels	1900 mm
Suspension	tandem - parabolic springs
Drawbar eye load	3,000 kg
Tire size	550/60-22.5
Design speed	40 km/h
Minimum demand for tractor power	88/120 (kW/HP)
Drawbar coupling height - bottom position	525
Drawbar coupling height - top position	1170
Spreading width depending on manure or lime used *unladen mass and loading capacity may vary depending on equipment	~18 - 24 m**

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



STANDARD MACHINE EQUIPMENT

Hot-galvanized walls with height 1,150 mm, made of 355-grade steel sheet 4 mm thick, with enhanced strength

Walls reinforced by galvanized 80x80x4 edge profile and brackets made of S355-grade steel sheet 4 mm thick

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

New 550/60-22.5 wheels

AVH2 adapter (two horizontal bladed drums + 2 spreading discs)

Hot-galvanized adapter with hydraulically raised maintenance guard

Rigid drawbar for coupling with bottom or top tractor hitch, with exchangeable 50 mm ear, homologated according to Regulation 55UN ECE

Hot-galvanized drawbar made of 355 steel - enhanced strength alloy steel

Axles from the renowned ADR company, homologated (EU 2015/68), bar cross-section - square 100, brake size 406x120 412E, 8 M20x1.5 pins

Dismountable hot-galvanized exterior ladder with anti-skid steps, facilitating access to cargo box

Hot-galvanized bottom frame with stringers made of 200x80x6 profiles joined by 160x80x6 and 80x60x4 profiles, with drawbar made of 8 mm sheet

Top frame, hot-galvanized, welded from bars made of 160x60x4 profiles and cross-bars made of sheet 4, 6 and 8 mm thick, stringers made of 5 mm sheet, front bar made of 8 mm sheet

Exchangeable screw-fastened floor made of hot-galvanized flat sheet

Exchangeable, galvanized skids of floor conveyor strips

Lighting installation connector cable with 7PIN 12V plug

12V lighting, homologated, rear bulb lamps, LED front lamps

Hot-galvanized rear hydraulic wall raised by two actuators with pitch 1250 mm

Hydraulic advance of conveyor with stepless regulation and overload valve

Hot-galvanized 14x50 conveyor chain

Exchangeable, hot-galvanized conveyor strips made of metallurgical C65 profile

Exchangeable bottom slides of the conveyor made of oak strips, limiting noise during work

Distance piece limiting divergence of chain throughout entire length

Floor conveyor powered by two transmissions, 4000 Nm each

Conveyor star wheels made of spheroidal graphite iron

Hydraulic installations made of galvanized steel tubes and flexible hoses

Hydraulic connectors to tractor, type ISO 7241-1 DN 12.5

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

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

Homologated pneumatic, double-circuit brake system with automatic braking force adjustment from HALDEX.

Parking handbrake with crank

Hydraulic drawbar support

Two wheel chocks placed in galvanized pockets

Hot-galvanized front guard, meeting safety requirements (according to standard PN-EN 690:2014-02)

OPTIONAL MACHINE EQUIPMENT

Hot-galvanized wall extensions 320mm

Articulated, wide-angle PTO shaft for coupling to tractor

New 600/50-22.5 wheels (EU homologation)

Full LED lighting

Hydraulic quick-coupler with pressure neutralizer in hose

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

Warning triangle

Ball hitch 80 mm

Vertical A2V adapter

Hydraulic deflector control system for A2V adapter equipped with hydraulic distributor with solenoid valves and electric control

Conveyor's hydraulic feed with electric control in tractor cabin

Hot-dip galvanized guard of inspection window

Hydraulic quick-coupler with pressure neutralizer in hose

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**HOT-
GALVANIZED CONSTRUCTION**