

MANURE SPREADER N-221/3-8

TECHNICAL SPECIFICATIONS | EQUIPMENT



 **HOMOLOGATION
EUROPEAN**



Year of model 2022

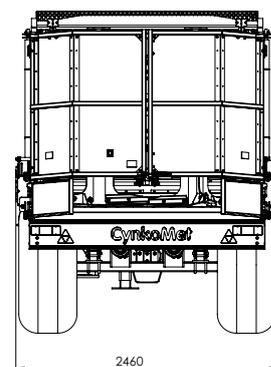
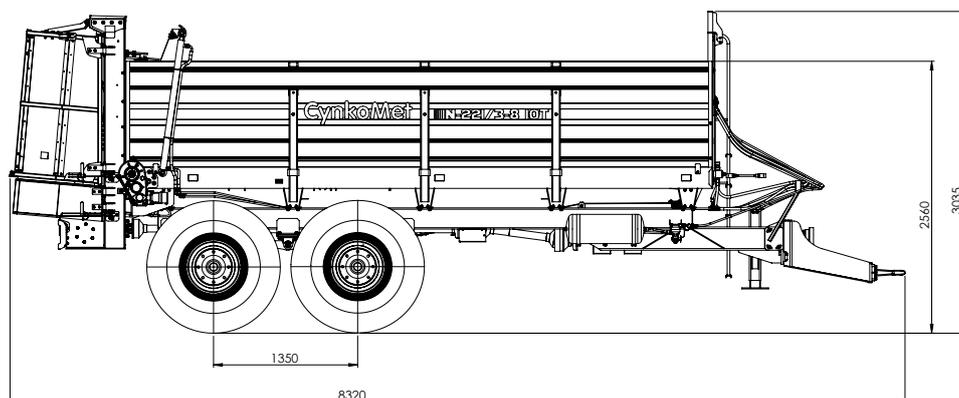
version.1.2022

CynkoMet[®]
Czarna Białostocka

TECHNICAL SPECIFICATIONS	
Type/version/variant	N-2/920/51
Technical (designed) maximum permissible gross weight rating	19,000 kg
Gross vehicle weight rating	16,000 kg
including on axles max.	13,000 kg
including on drawbar max.	3,000 kg
Load capacity	~10,320 kg*
Unladen mass	~5,680 kg*
Loading surface	10.6 m ²
cargo capacity	10.6 m ³
Width of cargo box interior	2,080 mm
Length of cargo box interior	5090 mm
Box wall height	1000 mm
Overall dimensions (length/width/height)	8320/2460/~3035 mm
Floor/wall sheet thickness	3 mm / 2 mm
Height of platform from base	~1505 mm
Track of wheels	1800 mm
Suspension	tandem - parabolic springs
Drawbar eye load	3,000 kg
Tire size	550/60-22.5**
Max load on axle 1	8,000 kg
Max load on axle 2	8,000 kg
Design speed	40 km/h
Minimum demand for tractor power	74/100 (kW/HP)
Drawbar coupling height - bottom position	505
Drawbar coupling height - top position	1150
Spreading width depending on manure or lime 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
Walls with height 1000 mm, with sheet thickness 2 mm, hot-dip galvanized
New 550/60-22.5 wheels (no EU homologation)
A2V adapter - 2 balanced vertical drums with exchangeable, hot-galvanized cutters
Hot-galvanized adapter with deflector
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 90, brake size 400x80 408E, 8 M20x1.5 pins
Exterior ladder and steps inside cargo box - hot-galvanized - 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 metallurgical 200 channel section
Exchangeable riveted 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 1100 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
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
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 mesh, meeting safety requirements (according to standard PN-EN 690:2014-02), with folding mechanism for transport purposes

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-galvanized 800 mm wall extensions with hydraulic rear wall
Conveyor's hydraulic feed with electric control in tractor cabin
Hydraulic deflector control system equipped with hydraulic distributor with solenoid valves and electric controller
Installations
Hydraulic brake installation
Full LED lighting
Hydraulic quick-coupler with pressure neutralizer in hose
Driving system
New 600/50-22.5 wheels
Other equipment
Wide-angle articulated PTO shaft
Warning triangle
Ball hitch 80 mm



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HOT-GALVANIZED CONSTRUCTION