

# RWN-8000 SPREADER

TECHNICAL SPECIFICATIONS | EQUIPMENT



Year of model 2025

version.1.2022

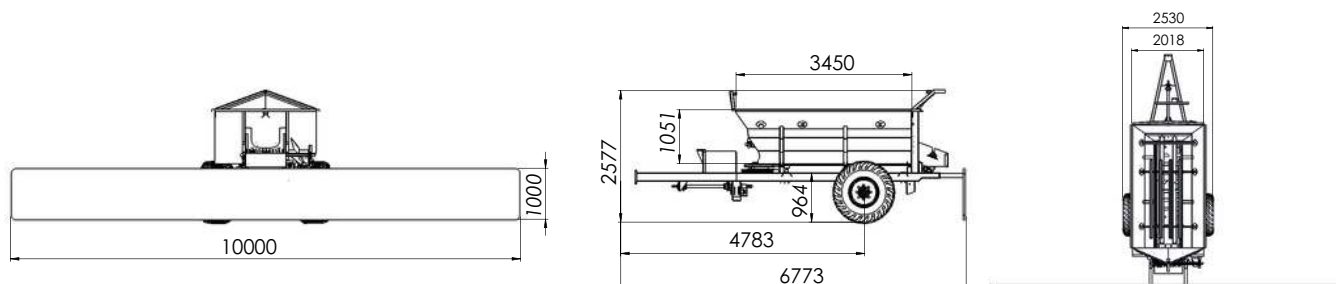
**CynkoMet**<sup>®</sup>  
Czarna Białostocka

### TECHNICAL SPECIFICATIONS

Technical (designed) maximum permissible gross weight rating	15 000 kg
Gross vehicle weight rating	12 000 kg
Load capacity	~8 000 kg*
Unladen mass	~4 000 kg*
Loading volume ( in walls / in extensions )	4.2/5.5 m <sup>3</sup>
Width of cargo box interior	800-2000 mm
Length of cargo box interior	2970-3440 mm
Box wall height	1,000 mm
Overall dimensions (length/width/height)	8320/2460/~3035 mm
Floor/wall sheet thickness	5 mm / 3 mm
Height of platform from base	~1500 mm
Track of wheels	1,900 mm
Suspension	parabolic spring
Tire size	600/50-22.5**
Design speed	40 km/h
Minimum demand for tractor power	74/100 (kW/HP)
Spreading width depending on manure or lime used	~8-10 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 3 mm, hot-dip galvanized S355 sheet

New 600/50-22.5 wheels

Rigid drawbar for coupling with tractor's upper hitch, with exchangeable eye

Axles from the renowned ADR company, homologated (EU 2015/68), bar cross-section - square 90, brake size 400x80 408E, 8 M20x1.5 pins

Hot dip galvanized working platform with non-slip steps for easy access to the cargo box

**STANDARD MACHINE EQUIPMENT**

Pulse counter for measuring working area and distance travelled
PTO shaft
Hydraulic distributor controlled manually
Hot-dip galvanized hydraulic gate valve with protection
Cargo box floor made of sheets, thickness 5 mm
Flap open indicator
Conveyor star wheels made of spheroidal graphite iron
Hot dip galvanized cargo box welded from 3 and 5 mm thick metal sheets
Lighting installation connector cable with 7PIN 12V plug
12V lighting, homologated, rear bulb lamps, LED front lamps
Hydraulic installations made of galvanized steel tubes and flexible hoses
Floor conveyor driven by heavy-duty gearbox
Conveyor chain 14x50
Conveyor slats made of C50 channel sections
Power transmission via PTO shaft set with overload and overrunning clutches
2 circuit brake system with automatic brake force
Hot-galvanized hydraulic drawbar support
Two wheel chocks placed in galvanized pockets
Hot-dip galvanized 2-disc adapter with tilt adjustment and adjustable blades
Speed-dependent mechanical floor conveyor driven by driving wheel
Parking brake with park valve and diaphragm spring actuators
Possibility to drive the floor conveyor with the PTO shaft when parked
Adapter discs mechanically driven by PTO shaft 540 rpm
Hydraulic pressure of floor conveyor drive wheel
Active material shredding system AktivGruda
Design protecting the box and floor conveyor from foreign objects
Automatic floor chain tensioning system
Hot dip galvanized bottom frame with stringers made of 160x80x5 profiles
Parabolic leaf spring 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

Warning triangle

Wide-angle articulated PTO shaft

Roll-up tarpaulin with collapsible frame for easy loading

LED work lights

Additional display for weighing system

Cover for spreading road grit and salt

Unfolding dust covers with a width of 10m

Agitators for mineral fertilizers located in the cargo box and driven from the PTO shaft

Own hydraulic system with pump, filter and tank

Weighing system based on strain gauges integrated with easy-read display



HOT-  
GALVANIZED  
CONSTRUCTION