

RWN-8000 SPREADER

TECHNICAL SPECIFICATIONS | EQUIPMENT



Year of model 2022

CynkoMet[®]
Czarna Białostocka

TECHNICAL SPECIFICATIONS	
Load capacity	~8,000 kg*
Gross vehicle weight rating according to PL regulations	12,300 kg
Unladen mass	~ 4,300 kg (with covers and tarpaulin)*
Number of axles	1
Adapter	+ 2 spreading discs
Conveyor drive	Wheel drive
Length	6,740 mm
Width without guards / with guards	~ 2,520 / 2,780 mm
Height	2,660 mm
Length of the interior loading space top / bottom	3,445 / 2,790 mm
The width of the interior loading box top / bottom	2,000 / 800 mm
Height of loading box walls	1,030 mm
Height of platform from base	1,210 mm
Loading height	2,240 mm
Floor/wall sheet thickness	5 / 3 mm
cargo capacity	5.5 m ³
Track of wheels	1900 mm
Suspension	parabolic springs
Max. vertical drawbar eye load	3,000 kg
Drawbar coupling height	925 mm
Max. tolerable axle load	9,300 kg
Tyre size	600/50-22.5
Design speed	40 km/h
Minimum demand for tractor power	74kW/100KM
Spreading width depending on manure used	~10-14 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
Agitators for mineral fertilisers located in the loading box and driven from the PTO shaft
Hydraulic distributor controlled electronically from the control panel
Hot-dip galvanised hydraulic gate valve with protection
Weighing system based on strain gauges integrated with a readable display
A set of cameras inside and outside the load box
Gate open indicator
Hot-dip galvanised load box welded from sheets with a thickness of 3 and 5mm
The floor of the load box is made of 5mm sheet metal
The lower frame is hot-dip galvanised - stringers made of rectangular profiles 160x80
Bolted hitch harness diam. 40
Speed-dependent mechanical floor conveyor driven by driving wheel Feed speed depends on travel speed.
Heavy-duty gear driven floor conveyor.
Transmission of drive through a set of PTO shafts with overload and one-way clutches
AktivGruda active material shredding system
The pressure of the drive wheel of the floor conveyor is hydraulically controlled
Possibility to drive the floor conveyor with the PTO shaft when parked
Automatic floor chain tensioning system
Hot-dip galvanised 2-disc adapter with tilt adjustment and adjustable paddles
Adapter discs mechanically driven by PTO shaft 540 rpm
Own hydraulic system with pump, filter and tank
Hot-dip galvanised hydraulic drawbar support
Conveyor chain - links 14x50
Conveyor slats made of C50 channel sections
Parking brake with parking and releasing valve and diaphragm-spring actuators
Star wheels made of spheroidal graphite iron
Working platform
Design protecting the box and floor conveyor from foreign objects
Installations
Lighting installation connector cable with 7PIN 12V plug
12V lighting, homologated, LED
Pneumatic two-line braking system with ALB

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

Hydraulic installations made of galvanised steel tubes and flexible hoses

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

Chassis

New 600/50-22.5 wheels

Axle from renowned ADR company, full beam with 90 mm square cross-section, 400x80 brake

Other elements

Two wheel chocks placed in galvanised pockets

Articulated shaft for coupling to tractor

Parabolic leaf spring suspension

Bracket for connectors, hot-dip galvanised



OPTIONAL MACHINE EQUIPMENT

Rolled tarpaulin with a foldable hot-dip galvanised frame

Installations

LED work lights

Hydraulic quick coupler with pressure eliminator in the hose (support foot)

Other equipment

Wide-angle articulated PTO shaft

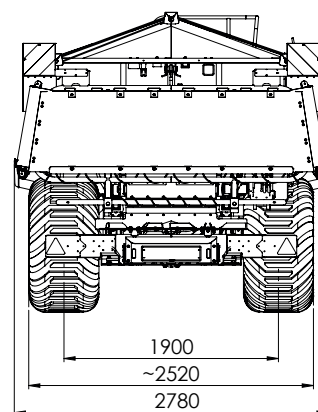
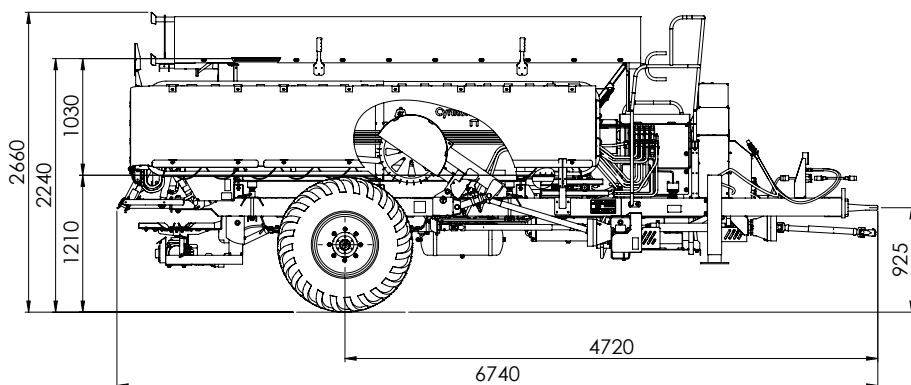
Hitch rod diam. 50

Warning triangle (sign distinguishing slow-moving vehicle)

Additional display for weighing system

Cover for spreading road grit and salt

10m wide fold-out dust covers



HOT-DIP GALVANISED
CONSTRUCTION

