

# SPREADER N-114

TECHNICAL SPECIFICATIONS | EQUIPMENT



 **HOMOLOGATION  
EUROPEAN**



**WARRANTY**  
24 months



**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-1 910 71
Administrative loading capacity	6,360 kg (7,360 kg with K80 harness)
Technical loading capacity	~14360 kg*
Gross vehicle weight rating according to PL regulations	20,000 kg (21,000 kg with K80 harness)
Gross vehicle weight rating according to Directive 2015/208 (only load on axles)	10,000 kg
Unladen mass	~ 6,640 kg
Number of axles	1
Adapter	A2V adapter - 2 vertical drums
Length	7,870 mm
Width	2,910 mm
Height	3,250 mm
Length of loading space ext. (góra)	4,640 mm
Width of loading box interior	1410 / 2,470 mm
Height of loading box walls	1,480 mm
Height of platform from base	1,345 mm
Loading height	2,825 mm
Floor/wall sheet thickness	3 / 4 mm
Conveyor drive	Hydraulic lock
Adapter drive	Mechanical from the PTO shaft
Openable side walls	No
Loading capacity (loading 5cm above the side walls)	12.7 m3 (heaped 15.5 m3)
Track of wheels	2,155 mm
Suspension	rigid
Max. vertical drawbar eye load	3,000 kg (4,000 kg with K80 harness)
Drawbar coupling height - lower position	540 mm
The height of the drawbar clutch - upper position	760 mm
Max. tolerable axle load	administrative 10,000 kg (technical 17,000 kg)
Tyre size	580/70 R38
Design speed	30 km/h
Minimum demand for tractor power	88kW/120KM
Spreading width depending on manure used	~18 - 24 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

Side walls bent with 1 sheet of sheet 4 mm with S355 steel with a height of 1,480 mm with walls stiffening profiles - hot-dip galvanised
A2V adapter - 2 balanced inclined vertical drums with bolted knives, with lime board, hot-dip galvanised
Exchangeable floor made of hot-dip galvanised flat sheet
Shock-absorbing, homologated, hot-dip galvanised drawbar with exchangeable hitch eye according to Regulation 55 UN ECE
The drawbar is damped and positioned by means of hydraulic cylinders with two accumulators
Hydraulic advance of conveyor with stepless regulation and overload valve
Hot-dip galvanised hydraulic rear wall
Hot-dip galvanised divided deflectors opened hydraulically
Hot-dip galvanised front guard, meeting safety requirements
Bolted drawbar diam. 50
Hot-dip galvanised support frame made of elevated strength steel sheets
Hydraulic shaft support partially hot-dip galvanised
Hot-dip galvanised conveyor chain - 14x50 links
Exchangeable, hot-dip galvanised conveyor strips made of metallurgical C65 profile
Parking brake made with the assistance of spring membrane cylinders
Hot-dip galvanised foldable exterior ladder with anti-skid steps, facilitating access to the load box
Star wheels made of spheroidal graphite iron
EU homologation
Lighting installation connector cable with 7PIN 12V plug
12V lighting, homologated, for bulbs
Pneumatic double-circuit brake system with manual braking force adjustment
Hydraulic installations made of galvanised steel tubes and flexible hoses
Hydraulic connectors to tractor, type ISO 7241-1 DN 12.5
New 580/70 R38 wheels
Axles from the renowned ADR company, full beam with 150 mm square cross-section, 406 x 140 brake
Other elements
Two wheel chocks placed in galvanised pockets
Articulated shaft for coupling to tractor
Rigid suspension



### STANDARD MACHINE EQUIPMENT

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

Exchangeable adapter blades

Exchangeable, galvanised skids of floor conveyor strips

Wood skids for conveyor chains under upper frame

Floor conveyor powered by two transmissions, 4000 Nm each

Hot-dip galvanised bracket for connectors, adjustable

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

Rear wall opening height indicator

Mudguards with flaps

### OPTIONAL MACHINE EQUIPMENT

Full LED lighting

Hydraulic quick-coupler with pressure neutralizer in hose

Wide-angle articulated PTO shaft

Warning triangle (sign distinguishing slow-moving vehicle)

Digital Control - conveyor drive control, rear wall, drawbar, hydraulic drawbar support, hydraulic deflectors

Conveyor's hydraulic feed with electric control in tractor cabin

K80 drawbar hitch (permitted drawbar eye load up to 4,000 kg)

Hot-dip galvanised guard of inspection window

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**HOT-DIP GALVANISED  
CONSTRUCTION**

