

BELARUS

320MK

- BELARUS 320 MK road sweeper vehicle is designed for new snow and refuse cleaning of streets, squares, roads and footpaths, for loose ground shaping and backing of trenches and pits.
- The vehicle consists of "Belarus-320" base tractor and plough-brush equipment.
- Distinctions:

Diesel engine complies with Tier IIIA ecological requirements according to emissions of hazardous substances.



ENGINE

Type	diesel, four-stroke
Model	«LOMBARDINI» LDW1603/B3
Power, kW (hp)	26.5 (36,0)
Rated speed, rpm	3000
Number of cylinders, pcs.	3
Maximum torque, N•m	87.7
Fuel tanks capacity, l	32

TRANSMISSION

Clutch	dry, single- disk, spring-loaded
Gearbox	mechanical, 6-range
Number of gears:	
forward	16
reverse	8
Travel speed, km/h:	
forward	1.0–25.0
reverse	1.83–13.37
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
dependent I, rpm of track	3.4
dependent II, rpm of track	6.3

BASIC PARAMETERS AND DIMENSIONS

Type	plough-brush, single-blade
Base chassis	"Belarus-320" tractor
Productivity during cleaning of roadway from snow, m ² /h	16100
Max operating width in one pass, mm:	
blade	1800
brush	1300
Max height of cleaning-up new snow in one pass, mm	300
Rotation angle of blade, degree	30
Setting angle of brush, degree	30
Overall dimensions, mm:	
length	4830
width	1800
height	2320
Operating weight, kg	2100
Rotating frequency of the brush (at 540 rpm of PTO), rpm	260

HYDRAULIC HITCH SYSTEM

Type	unit-principle
Lifting capacity at 610 mm from suspension axis, max, kg	750
Maximum pressure, MPa	20
Pump capacity, l/min	16
Hydraulic system capacity, l	10