

# BELARUS

## 82PMK



- «Belarus» 82PMK road sweeping vehicle is designed for new snow and refuse cleaning of streets, squares, roads and footpaths with hard surface, for loose ground shaping and backing of trenches and pits.
- The vehicle consists of «Belarus-82P» base tractor and plough-brush equipment.

### BASE CHASSES «BELARUS-82P»

#### ENGINE

Type	diesel
Model	D-243
Power, kW (hp)	60 (81)
Rated speed, rpm	2200
Number of cylinders, pcs.	4
Maximum torque, N•m	286
Fuel tanks capacity, l	130

#### TRANSMISSION

Clutch	<i>dry, single-disk, spring-loaded</i>
Gearbox	<i>mechanical (with reducer, doubling the number of gears)</i>

Number of gears:	
<i>forward/reverse</i>	18/4
Travel speed, km/h:	
<i>operating</i>	12
<i>permissible traveling speed</i>	20
Rear PTO:	
<i>independent I, rpm</i>	540
<i>independent II, rpm</i>	1000
<i>dependent I, rpm of track</i>	3.5

#### HYDRAULIC HITCH SYSTEM

Type	<i>unit-principle</i>
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	21

### DIMENSIONS AND WEIGHTS

Overall dimensions, mm:	
<i>in transport state:</i>	
<i>length</i>	6650
<i>width</i>	2500
<i>height</i>	2990
<i>in operating position:</i>	
<i>length</i>	6900
<i>width</i>	2500
<i>height</i>	2990
Operating weight, kg	5100

### BASIC PARAMETERS AND DIMENSIONS

Type	<i>plough-brush, single-blade</i>
Base chassis	<i>"Belarus-82P" tractor</i>
Productivity during cleaning	
<i>from snow, m<sup>2</sup>/h</i>	21600
Max operating width	
<i>in one pass, mm:</i>	
<i>blade</i>	2500
<i>brush</i>	1730
Max height of cleaning-up new	
<i>snow in one pass, mm</i>	500
Rotation angle of blade	
<i>in each side, degree</i>	30
Setting angle of brush, degree	30