

BELARUS

SH-406

- BELARUS SH-406 versatile chassis is designed for application with the set of working equipment in family of road vehicles for road maintenance, and also for municipal, forest and agricultural services.



ENGINE

Type	diesel with direct injection, turbocharging and aftercooling
Model	D-245.2S2
Power, kW (hp)	90 (122)
Crankshaft rated speed, rpm	2200
Number of cylinders, pcs.	4
Maximum torque, N•m	501
Fuel tank capacity, l	130

TRANSMISSION

Clutch	friction-type, spring-loaded, double disk, with hydraulic disengaging drive
Gearbox	mechanical with reducer, doubling the number of gears
Number of gears:	
forward	14
reverse	4
Travel speed, km/h:	
forward	3.5-50.0
reverse	7.28-17.1
With creeper	
forward	0-5.53
reverse	0-11.64
Front PTO:	
independent, rpm	1000
Rear PTO (integrated)	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.5

DIMENSIONS AND WEIGHTS

Rated draft force, kN (kgf)	20 (2000)
Operating weight, kg	
-with body/without body	6100/6500
Overall dimensions, mm:	
length	5250
width with body/without body	2300/2400
height	2880
Wheel base, mm	2684
Tread, mm	1870
Road clearance, mm	350
Min turning radius, m	6.7
Tire sizes	10.00R20
Body lifting capacity, kg	3500

HYDRAULIC HITCH SYSTEM

Rear	versatile, unit-principle, with mechanical fixing of hitch devices in transport state
Front	versatile plate with setting-out sizes according to French standard and DIN 76060
Side	versatile with setting-out sizes according to French standard and DIN 76060
Lifting capacity of hitch systems, kg:	
front	1200
rear	1100
Hydraulic system	
Pumps, type	310.2.28.04.00 and 310.3.56.04.06
Hydraulic system capacity, l	70
Number of hydraulic power takeoff outlets, pairs:	
front hitch	6
rear hitch	4