

# 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