

BELARUS 952.5

- The tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for transport operations.

- **Distinctions:**

Engine of Minsk Motor Plant with "Common Rail" fuel feed electronic control system from "Bosch" and emission-gas control system from "ROSSKATavto" Limited Company. Diesel engine complies with Stage IIb ecological requirements according to emissions of hazardous substances.

- **Optional equipment:**

Air conditioner
Brakes operating in oil reservoir
Ceramic-metal clutch pads
Creeper
Rear wheel ballast weights
Compressor with valve (without pneumatic system)
Combined pneumatic drive
Set for dual rear wheels.

Manufacturer: RUE "Minsk Tractor Works"



ENGINE

Type	diesel with turbocharging, "Common Rail" fuel feed electronic control system and selective catalytic reduction system (SCR)
Model	D-245.5S3B (Minsk Motor Plant)
Power, kW (hp)	70 (95.2)
Rated speed, rpm	1800
Number of cylinders, pcs	4
Displacement, l	4.75
Maximum torque, Nm	464
Fuel rate at operating power, g/kWh	223
Factor of torque backup, %	25
Fuel tanks capacity, l	135

DIMENSIONS AND WEIGHTS

Overall length, mm	4440
Width, mm	1970
Cab height, mm	2850
Tractor base, mm	2450
Tread, mm	
front wheels	1420-1970
rear wheels	1500-1600, 1800-2100
Agrotechnical clearance, mm	510
Min turning radius, m	4.5
Fordable depth, m	0.85
Operating weight, kg	4300
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	18.4R34

TRANSMISSION

Clutch	dry, single-disk
Clutch control	mechanical
Gearbox	mechanical, synchronized
Number of gears:	
forward/ reverse	14/4
Travel speed, km/h:	
forward/ reverse	2.78-39.9/5.85-13.18
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous, rpm of track	3.36
PTO control	electrohydraulic

Rear axle differential lock: with electrohydraulic control, three operating modes (disengaged; lock engaged with automatic disengagement when front wheels turn more than 13 degree; forced engaged).

HYDRAULIC HITCH SYSTEM

Unit-principle with hydraulic lift, providing draft, position, combined and height position control of implements.

Lifting capacity at	
lift point, kg	4000
Maximum pressure, MPa	20
Pump capacity, l/min	45
Hydraulic system capacity, l	25