



- The tractor is designed for various agricultural operations of general purposes: general tillage and pre-sowing soil treatment, sowing in combination with wide-cut and combined machinery, harvesting consisting of high efficient harvest complexes, transportation and handling operations.
- Distinctions:
Diesel engine complies with Tier IIIA Stage according to emissions of hazardous substances, air conditioner, set for rear wheels doubling.
- Optional equipment:
Front PTO
Front hitch
Additional seat
100 liters additional fuel tank
To 1200 kg front ballast

ENGINE

Type	diesel with direct injection and turbocharging	
Model	D-260.4S3A (Minsk Motor Plant)	TCD 2013 L062V (Deutz)
Rated power, kW (hp)	156 (212)	158 (214)
Rated speed, rpm	2100	
Number of cylinders, pcs.	6	
Bore/stroke, mm	110 x 125	108 x 130
Displacement, l	7.12	7.1
Maximum torque, N•m	952	900
Fuel rate at rated power, g/kW•h	249	253
Factor of torque backup, %	30	
Fuel tank capacity, l	357	

TRANSMISSION

Clutch	dry, double disk, spring-loaded, control with hydraulic booster
Gearbox	mechanical, synchronized, fixed-ratio, 6-range
Gear shifting	by synchronized clutches
Number of gears:	
forward/ reverse	24/12
Travel speed, km/h:	
forward/reverse	1.86-39.7/2.6-18.4
Rear PTO:	independent, four-speed, with hydromechanical control system
independent I, rpm	540 at 1929 or 1475 rpm
independent II, rpm	1000 at 1909 or 1460 rpm

Differential lock: by cam clutch with electrohydraulic control, has 3 operation modes (disengaged; automatic disengagement (when turning) and engagement; forced engaged).

DIMENSIONS AND WEIGHTS

Overall length, mm	5230
Width, mm	2400
Height, mm	3120
Wheelbase, mm	2920
Tread, mm	
front wheels	1640-2190 (8 values)
rear wheels	1800-2500
Road clearance, mm	
under rear axle body	540
Min turning radius (without breaking), m	5.8
Operating weight, kg	7220
Tire sizes:	
front wheels	420/70R24
rear wheels	580/70R42

HYDRAULIC HITCH SYSTEM

Unit-principle with "Bosch" electrohydraulic system of automatic depth control, with draft, position and combined control.

Lifting capacity at lower link ends, kg	6500
Maximum pressure, MPa	20
Pump capacity, l/min	55
Hydraulic system capacity, l	35