



- 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:
16/8 gearbox with gears shifting without power flow breaking within the range, electrohydraulic hitch control.
- Optional equipment:
Front PTO
Front hitch
Fast-coupling cutoff clutches
Air conditioner
Additional seat
Тd 200 kg front ballast

ENGINE

Type	<i>in-line diesel with direct injection and turbocharging</i>
Model	D-260.1C
Rated power, kW (hp)	114 (155)
Rated speed, rpm	2100
Number of cylinders, pcs.	6
Bore/stroke, mm	110 x 125
Displacement, l	7.12
Maximum torque, N·m	596.8
Fuel rate at rated power, g/kW·h	217
Factor of torque backup, % (no less)	15
Fuel tank capacity, l	250

TRANSMISSION

Clutch	<i>dry, double-disk, spring-loaded</i>
Gearbox	<i>hydromechanical, fixed-ratio</i>
Gear shifting	<i>by hydrocontrolled clutches</i>
Number of gears:	
<i>forward/ reverse</i>	16/8
Travel speed, km/h:	
<i>forward/reverse</i>	1.7-36.8/2.4-17.1
Rear PTO:	<i>independent, double-speed, with hydromechanical control system</i>
<i>independent I, rpm</i>	540
<i>independent II, rpm</i>	1000
<i>synchronous, rpm of track</i>	3.8
Max power, kW	100

Differential lock: friction-type, automatic with hydraulic drive, has 3 operation modes (disengaged; automatic engagement and disengagement (when turning); forced engaged). Rear axle with close-type bevel gear differential and planetary final drive.

DIMENSIONS AND WEIGHTS

Overall length, mm	4770
Width, mm	2250
Cab height, mm	3000
Wheelbase, mm	2820
Tread, mm	
<i>front wheels</i>	1640-2190
<i>rear wheels</i>	1520-2435
Road clearance, mm	380
Min turning radius (without breaking), m	5.5
Operating weight	
<i>with front ballast, kg</i>	6000
Tire sizes:	
<i>front wheels</i>	420/70R24
<i>rear wheels</i>	520/70R38

HYDRAULIC HITCH SYSTEM

Electrohydraulic system on the base of "Bosch" units with automatic depth control system, 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