



- The tractor is designed for various agricultural operations with mounted, semi-mounted and trailed machines and implements, loading-unloading operations, for operations in plant cultivation, livestock farming and gardening and also for transportation.
- Distinctions:
  - Front driving axle with planetary spur reduction gears, reinforced hitch,
  - Updated interior, enhanced design plastic facing, diesel engine complies with Tier I Stage ecological requirements according to emissions of hazardous substances.
- Optional equipment:
  - Compressor with valve
  - Rear wheel ballast weights
  - Front ballast weights
  - Hydraulic system with combined depth control
  - Fast-coupling cutoff clutches
  - Hitching flexible pipes
  - Spacers for rear wheels doubling

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### ENGINE

Type	diesel with turbocharging, direct injection
Model	D-245.5C
Power, kW (hp)	66 (88)
Crankshaft rated speed, rpm	1800
Number of cylinders, pcs	4
Bore/stroke, mm	110 x 125
Displacement, l	4.75
Maximum torque, N•m	397
Factor of torque backup, %	15
Fuel tanks capacity, l	130

### TRANSMISSION

Clutch	dry, single-disk, spring-loaded
Gearbox	mechanical, fixed-ratio with back-geared reducer
Number of gears:	
forward/ reverse	18/4
Travel speed, km/h:	
forward/reverse	2.26–41.1/4.76–11.04
Rear PTO:	
independent I, rpm	540
independent II, rpm	1000
synchronous , rpm of track	3.3

Rear axle differential lock: with hydraulic control, has two modes (forced engaged, disengaged).

### DIMENSIONS AND WEIGHTS

Overall length, (without front ballast), mm	4130
Width, mm	1970
Cab height, mm	2820
Tractor base, mm	2450
Tread, mm	
front wheels	1420–1970
rear wheels	1500–2100
Agrotechnical clearance, mm	510
Min turning radius, m	4.5
Operating weight, kg	4250
Tire sizes (standard):	
front wheels	360/70R24
rear wheels	18.4R34

### HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, with draft and position depth control; optional - combined control.

Lifting capacity at lower-link ends, kg	3200
with C-110 cylinder (optional), kg	3800
Maximum pressure, MPa	20
Pump capacity, l/min	45
Oil tank capacity of hydraulic system and steering control, l	25