



The tractor is designed for various agricultural operations with mounted, semi-mounted and trailed implements as in industry, municipal services and for transport operations.

Distinctions:

Small overall dimensions permit to use the tractor in greenhouses and small-sized areas.

Diesel engine complies with Tier IIIA Stage ecological requirements according to emissions of hazardous substances.

■ **Optional equipment:**

- Front hitch
- Front PTO with shank
- Front ballast weights
- Catalogue of parts and units
- Hitching flexible pipes
- Bracket with cutoff clutches

ENGINE

Type	four-stroke diesel
Model	«LOMBARDINI» LDW1603/B3
Power, kW (hp)	26.5 (36,0)
Rated speed, rpm	3000
Number of cylinders, pieces	3
Cylinder bore/piston stroke, mm	88 x 90,4
Displacement, l	1.145
Maximum torque, N•m	92
Factor of torque backup, %	12
Fuel tank capacity, l	27

TRANSMISSION

Clutch	dry, single-disk, friction, spring-loaded
Gearbox	mechanical, fixed-ratio with constant-mesh gears, easy-engagement clutches, 2-range with back-geared reducer
Number of gears:	
forward	16
reverse	8
Travel speed, km/h:	
forward/reverse	1.0–25.2/1.83–13.37
Rear PTO:	
dependent I, rpm	540
dependent II, rpm	1000
synchronous I, rpm of track	3.4
synchronous II, rpm of track	6.3
Main gear	spiral-bevel gears
Rear axle differential	gear, bevel with 2 pinions, with mechanical lock
Final drives	single-reduction units with spur gears

DIMENSIONS AND WEIGHTS

Overall length, mm	3100
Width, mm	1300
Height, mm	2170
Tractor base, mm	1690
Tread, mm	
front wheels	1060; 1210
rear wheels	1000; 1160
Agrotechnical clearance, mm	435
Min turning radius, m	3.6
Operating weight, kg	1450
Tire sizes (standard):	
front wheels	7.5L-16
rear wheels	12.4L-16

HYDRAULIC HITCH SYSTEM

Versatile, unit-principle, implements coupling by means of pins to the lower and top link ends.

Lifting capacity at 610 mm	
from suspension axel, kg	750
Maximum pressure, MPa	20
Pump capacity, l/min	16
Hydraulic system capacity, l	9.0