

BELARUS

310R/320*R

- For rice cultivation
- The tractor is designed for various agricultural operations, including rice checks, 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

Manufacturer: Republican Unitary Enterprise «Bobruisk Tractor Parts and Assemblies Plant»

*Front driving axle



ENGINE

Type	diesel, four-stroke
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	1.649
Maximum torque, N•m	92.0
Factor of torque backup, %	12
Fuel tank capacity, l	32

TRANSMISSION

Clutch	dry, single-disk, friction, spring-loaded
Gearbox	mechanical, fixed-ratio with constant-mesh gears, with easy-engagement clutches, 2-range with back-geared reducer
Number of gears:	
forward	16
reverse	8
Travel speed, km/h:	
forward/reverse	1.0–25.02/1.8–13.3
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	gear, bevel with 2 pinions
differential	with mechanical lock
Final drives	double-reduction units with spur gears

DIMENSIONS AND WEIGHTS

	310R	320*R
Overall length, mm	3100	
Width, mm	1560	
Height (with tent), mm	2300	
Tractor base, mm	1690	1720
Tread, mm		
front wheels	1000; 1200; 1350	1260; 1410
rear wheels	1200; 1270; 1460; 1530; 1640	
Agrotechnical clearance, mm	460	
Min turning radius, m	3.6	3.7
Operating weight, kg	1650	1730
Tire sizes (standard):		
front wheels	6.5-16	7.5L-16
rear wheels	360/70R24	

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	17
Hydraulic system capacity, l	9.0