

BELARUS 400 and 600

This tractor is intended for various agricultural operations coupled with mounted, semi-mounted and trailed machines, for hauling operations and for operations in industry.

422.4/622

Distinctive features

Small dimensions allow using the tractor in greenhouses and small rooms, low-contour land plots.

Diesel engine meets the environmental requirements of Stage IIIa.

The BELARUS 422 tractor is made on the base on BELARUS 622 tractor.

Equipment on order

- Front lift linkage.
- Front PTO with shaft shank.
- Front ballast weights.
- Hitch hoses.
- TSU-1M tow hitch.
- Bracket with cutoff clutches.



451/651

Distinctive features

Small dimensions, high road clearance, final drive with planetary gear group.

The BELARUS 451 tractor is built on the base on BELARUS 651 tractor.

Equipment on order

- Front lift linkage.
- Front PTO with shaft shank.
- Front ballast weights.
- Hitch hoses.
- Bracket with cutoff clutches.
- TSU-1M tow hitch (pendulum, hydraulic hook).
- Economical PTO 540e.



BELARUS 400 and 600



SPECIFICATIONS

Model		422.4	622	451	651
Engine					
Type		A	B*	A* / C*	B* / *D
Power	kW (h.p.)	36,6 (49,8)	46 (62,5)	36,6 (49,8) / 38(51)	46(62,5) / 45,5(61,8)
Crankshaft rated speed	rpm	3000			
Number of cylinders	pcs.	4			
Displacement	l	2,07 / 2,2		2,216	
Maximum torque	Nm	125	174	125 / 142,7	174 / 189,1
Specific fuel consumption					
at rated power	g/kWh	329		329 / 324	
Factor of torque backup	%	15	18	15 / 17	18 / 30
Fuel tank capacity	l	90		45	
Transmission					
Clutch		dry, single-disk			
Gearbox		mechanical, with easy-engagement clutches			
Number of gears: forward/reverse		16/8			
Travel speed: forward	km/h	1,2-36,6		1,3-40	
reverse	km/h	2,1-19,5		2,3-21,6	
Rear PTO:					
continuous I	rpm	540		540	
continuous II	rpm	1000		1000 (+continuous III, PTO 540e)	
ground-speed I	rev/m of travel	3,2		2,9	
ground-speed II	rev/m of travel	6,0		5,4 or 3,7	
Hydraulic lift linkage					
		Versatile, remote-cylinder			
Lifting capacity at suspension point		1700		520	
	kg	-		520	
Maximum pressure	MPa	20		40	
Pump performance	l/min	40		19	
Hydraulic system capacity	l	22		19	
Dimensions and weight					
Overall length	mm	3450		3270	
Width	mm	1700		1675	
Tractor base	mm	1930		1900	
Height to cabin top	mm	2380		2320	
Safety arc height	mm	-		2260	
Track:	mm				
front wheels	mm	1390, 1530		1260, 1410	
rear wheels	mm	1410, 1510, 1560, 1660, 1730, 1830		1300, 1350, 1450, 1520, 1620	
Agrotechnical clearance	mm	560		470	
Least turning radius	m	3,9		3,8	
Operating weight	kg	4000		3000	
Tire sizes (standard):					
front wheels		12,4R-16		9,50-20	
rear wheels		360/70R24		14.9R24	
Wheel arrangement		4x4			

*A — LOMBARDINI LDW2204 four-stroke diesel engine with pre-chamber injection. **Stage IIIa.**

*B — LOMBARDINI» LDW2204T four-stroke turbocharged diesel engine with pre-chamber injection. **Stage IIIa.**

*C — CATERPILLAR C2.2 GN51 four-stroke diesel engine. **Stage IIIa.**

*D — CATERPILLAR C2.2 GP61B four-stroke turbocharged diesel engine. **Stage IIIa.**