

TECHNICAL SPECIFICATION

	<i>BELARUS 320</i>	<i>BELARUS 920.3</i>	<i>BELARUS 952.3</i>	<i>BELARUS 1025.3</i>	<i>BELARUS 1221</i>
Engine	four stroke indirect injection water-cooled diesel	four stroke direct injection water-cooled intercooled turbo diesel	four stroke direct injection water-cooled intercooled turbo diesel	four stroke direct injection water-cooled intercooled turbo diesel	four stroke direct injection water-cooled turbo diesel
model	LDW1503NR	MMZ D-245.43S2	MMZ D-245.5S2	MMZ D-245S2	MMZ D-260.2S2
power	35 hp DIN @ 3,000 rpm	90 hp SAE @ 1800rpm (85 ⁺ hp DIN)	100 hp SAE @ 1800rpm (95 ⁺ hp DIN)	115 hp SAE @ 2200rpm (110 ⁺ hp DIN)	140 SAE @ 2100rpm (130 ⁺ hp DIN)
torque	87.7 Nm @ 2,100rpm	400 Nm @ 1200rpm	429 Nm @ 1200rpm	451 Nm @ 1400rpm	568 Nm @ 1400rpm
torque reserve	12%	25%	25%	25%	25%
no. of cylinders	3 in row	4 in row	4 in row	4 in row	6 in row
bore / stroke, mm	80 x 85	110x125	110x125	110x125	110x125
capacity	1,551 cc	4750 cc	4750 cc	4750 cc	7120 cc
air filter	dry type	dry type	dry type	dry type	dry type
Clutch	dry single disc	dry single disc	dry single disc	dry double disc	dry double disc
Gearbox	mechanical synchro	mechanical synchro	mechanical synchro	mechanical synchro	mechanical synchro
gears	16 forward / 8 reverse	14 forward / 4 reverse	14 forward / 4 reverse	16 forward / 8 reverse	16 forward / 8 reverse
speed range, km/hour	1.0 – 25 km/h	2.1 – 39.2 km/h	2.1 – 39.2 km/h	2.3 – 38 kph	2.1 – 38 kph
Front Wheel Drive	Automatic	off / auto / override	off / auto / override	off / auto / override	off / auto / override
Difflock	limited slip differential	Hydro-mechanical	Hydro-mechanical	Hydro-mechanical with electric switch control	Hydro-mechanical with electric switch control
Brakes	oil immersed multi disc	oil-immersed multi-disc	oil-immersed multi-disc	oil-immersed multi-disc; auto four-wheel braking	oil-immersed multi-disc; auto four-wheel braking
Steering	hydrostatic	hydrostatic	hydrostatic	hydrostatic	hydrostatic
turn radius	3.5 m	4.1 m	4.1 m	4.1 m	5.4 m
PTO	Independent and synchro	Independent and synchro	Independent and synchro	Independent and synchro	Independent and synchro
speed	540 / 1000 rpm + 3. 3 rev per m				
Hydraulics					
lift capacity	750 kg (ISO 610mm)	3800 kg	3800 kg	4300 KG	4500 KG
pump delivery	16 L/min	45 L/min	45 L/min	56 L/min	55 L/min
pressure	200 Bar	200 Bar	200 Bar	200 Bar	200 Bar
three-point linkage	ISO Cat.I	ISO Cat.II	ISO Cat.II	ISO Cat.II	ISO Cat.III
spool valve block	3 section	3 section	3 section	3 section	3 section
external outlets	3	4	4	4	4
draft control		draft/position	draft/position	draft/position	draft/position
oil tank capacity	10 L	25 L	25 L	25 L	25 L
Electrics	12 V, negative ground	12 V, negative ground	12 V, negative ground	12 V, negative ground	12 V, negative ground
starter	2.2 kW, 12V	24 V, 4 kW	24 V, 4 kW	24 V, 4 kW	24 V, 4 kW
alternator	0.63 Kw	1.125 kW	1.125 kW	1.125 kW	1.125 kW
batteries	1 x 88 Ah	2 x 88 Ah	2 x 88 Ah	2 x 88 Ah	2 x 88 Ah
Dimensions, mm					
Length (w/o weights)	2900	4060	4060	4180	4500
width	1550	1970	1970	1970	2300
height	2150 (top of cab)	2850	2850	2870	2850
wheelbase	1700	2450	2450	2570	2760
ground clearance	320	465	465	465	465
Weight (w/o ballast)	1700 kg (with cab)	4100 kg	4100 kg	4295 kg	5370 kg
Track width					
front	1260; 1410	1450-1970	1450-1970	1450-1970	1600-2150
rear	1250; 1400	1500-2100	1500-2100	1500-2100	1600-2440
Tyres					
front	7.5L-16	360/70R24	360/70R24	360/70R24	14.9R24
rear	12.4L-16	18.4R34	18.4R34	18.4R34	18.4R38
Standard equipment	OECD ROPS cab; pick-up hitch lock; drawbar; cab heater; front weights	Three spool valves with joystick control, cab ventilation and heating, cab air filter, roof hatch, hydraulic combination hitch (hook/drawbar), hitch lock, front ballast weights, suspension seat, air compressor, front and rear work lights, front wheels fenders			
Optional equipment	air compressor; front PTO and 3P linkage	Reverse shuttle synchro gearbox; air or hydraulic trailer brakes system; creeper gearbox; rear wheels ballast weights; air conditioning; CD stereo			

The information contained in this brochure is intended as a general guide only. Manufacturer reserves the right to modify its products without prior notice. The manufacturer disclaims all liability in case the product supplied does not correspond exactly with the information in this brochure. Please always check specification with your dealer.

For further information contact your local Belarus dealer:

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