Technical sheet :

MBL-X 920 92P ST2

Manitou is committed to bringing value to its backhoe loaders by incorporating advanced and robust features for multi-application capabilities. MBL X 920 is powered by Tier -II/III engine. The structure of MBL X 920 is durable and designed for intensive operations. It comes with the latest cabin design and unbreakable bonnet which promises to deliver higher up-time and require low maintenance, even after prolonged usage. Customers get quick returns on their investments on top of an optimum Total Cost of Ownership. It comes with an option of features such as AC, multipurpose bucket.





	MBL-X 320 32P 312 Greated on 17 May 2024 at 0.01.01 A	
Capacities	Metric	
Wheelbase 2 wheels drive	2185 mm	
Wheelbase 4 wheels drive	2130 mm	
Weight and dimensions		
Unladen weight	7620 kg	
Unladen weight with 4 WD	7620 kg	
Unladen weight with 4 WD 7 in 1	7908 kg	
Unladen weight 4WD - Side shift	7620 kg	
Overall length	l1 7330 mm	
Overall width	b1 2330 mm	
Overall width with stabilizers extended - Center mount only	3910 mm	
Cabin height	h6 2830 mm	
Height of cab with air conditioning (option)	h6** 2860 mm	
Overall height	h17 3790 mm	
External turning radius over tyres (braked)	Wa1 3850 mm	
External turning radius over tyres (unbraked)	Wa1 4200 mm	
External turning radius over bucket (braked)	Wa5 5550 mm	
External turning radius over bucket (unbraked)	Wa5 5700 mm	
Standard tires front / rear	12.5 x 18 - 12 PR / 16.9 x 28-12PR	
Optional tyre (front / rear)	9 x 16 - 16 PR / 14 x 25 - 20 PR	
Ground clearance	m4 280 mm	
Performances		
Travel speed forward 1st / 2nd	5.40 km/h / 8.60 km/h	
Travel speed forward 3rd / 4th	19.90 km/h / 40 km/h	
Engine		
Engine brand	Perkins	
Engine model	1104C 44T Turbo Charged Water Cooled Ti	er-II
Max. capacity	4.40	
Gross Power / Power	68.50 kW @ 2200 pm	
Max. torque	395 Nm	
Battery voltage / capacity	12 V / 75 Ah	
Transmission		
Transmission brand	Carraro	
Number of gears (forward / reverse)	4 / 4	
Torque converter stall ratio	3.01:1	
Service brake	Wet disc brakes	
Hydraulics		
Hydraulic flow	142 l/min	
Main relief pressure	225 bar	
Tank capacities		
Hydraulic oil	90 I	
Liquid cooling tank volume	16 I	
Fuel tank	145 I	
Transmission oil	17.50 l	
Engine oil	9.10	
Oil rear axle	17.50	
Bucket		
Backhoe standard capacity	0.24 m³	
Width backhoe bucket	892 mm	
Loader standard capacity	1 m ³	
Width loader bucket	2235 mm	
Miscellaneous		
Power steering	Yes	
Front steer axle of oscillation	2 °	
Steering wheels (front / rear)	2/2	

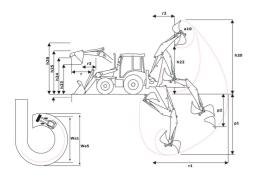
Performance backhoe

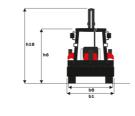
p1 - Max dig depth (mm)	
r1 - Max reach ground level to slew center (mm)	
r2 - Max loading reach (mm)	
Max operating height (mm)	
Max loading height (mm)	
p2 - Max straight wall dig depth (mm)	
a10 - Max bucket rotation (°)	
Total side shift (mm)	
Dipper tearout (kgF)	
Bucket tearout (kgF)	
Hydraulic lift capacity (kg)	

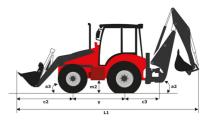
Performance loader

	Standard shovel
Max dump angle (°)	51
h26 - Max operating height (loader version) (mm)	4230
h23 - Max dump height at 45° (mm)	2780
h24 - Max loadover height (mm)	3310
h25 - Max hinge pin height (mm)	3570
r3 - Max reach at full height 45° (mm)	710
p3 - Below ground dig depth (mm)	156
a13 - Rollback at ground (°)	45
Shovel breakout (kgf)	5229
Arms breakout (kgF)	5312
Lifting capacity at full height (kg)	3819

MBL-X 920 92P ST2 - Dimensional drawing









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