Technical sheet :

MBL-X 920 92P 5T2

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.





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	11	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		18 - 12 PR / 16.9 x 28-12PR	
Optional tyre (front / rear)		6 - 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 1	urbo Charged Water Cooled Tier-II	
Max. capacity		4.40	
Gross Power / Power		68.50 kW @ 2200 rpm	
Max. torque		395 Nm	
Battery voltage / capacity		12 V / 75 Ah	
Transmission		1217,707.00	
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	
Liquid cooling tank volume		161	
Fuel tank		1451	
Transmission oil		17.50	
Engine oil		9.101	
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	

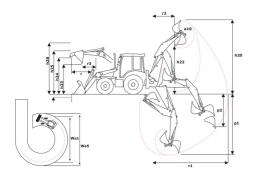
Performance backhoe

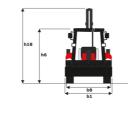
p1 - Max dig depth (mm)
r1 - Max reach ground level to slew center (mm)
r2 - Max loading reach (mm)
Max operating height (mm)
Max loading height (mm)
p2 - Max straight wall dig depth (mm)
a10 - Max bucket rotation (°)
Total side shift (mm)
Dipper tearout (kgF)
Bucket tearout (kgF)
Hydraulic lift capacity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

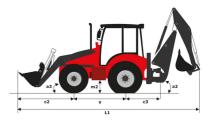
Performance loader

	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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