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.





Capacities		Metric	
Wheelbase 2 wheels drive		2185 mm	
Wheelbase 4 wheels drive		2130 mm	
Weight and dimensions		2130 mm	
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)	Wal	4200 mm	
External turning radius over bucket (braked)	Wa1	5550 mm	
External turning radius over bucket (unbraked)	Wa5 Wa5		
Standard tires front / rear		5700 mm	
Optional tyre (front / rear)		12.5 x 18 - 12 PR / 16.9 x 28-12PR 9 x 16 - 16 PR / 14 x 25 - 20 PR	
Ground clearance	m4	280 mm	
Performances	1114	200 mm	
Travel speed forward 1st / 2nd		5.40 km/h / 8.60 km/h	
Travel speed forward 3rd / 4th		5.40 km/h / 8.60 km/h 19.90 km/h / 40 km/h	
Engine		19.90 KIII/II / 40 KIII/II	
Engine brand		Dorking	
Engine model	11040 44	Perkins	
Displacement	11040 44	1104C 44T Turbo Charged Water Cooled Tier-II	
Gross Power / Power		4.40 l 68.50 kW @ 2200 rpm	
Max. torque		68.50 kW @ 2200 rpm 395 Nm	
Battery voltage / capacity		12 V / 75 Ah	
Transmission		12 V / 75 All	
Transmission brand		Carraro	
Number of gears (forward / reverse)		4 / 4	
Torque converter stall ratio		4 / 4 3.01:1	
Service brake		Wet disc brakes	
Hydraulics		Wet disc blakes	
Hydraulic flow		142 l/min	
Main relief pressure		225 bar	
Tank capacities		223 081	
Hydraulic oil		90	
Liquid cooling tank volume		16	
Fuel tank		1451	
Transmission oil		17.50	
		9.10	
Engine oil Oil rear axle		17.50 l	
Bucket		17.301	
Backhoe standard capacity		0.24 m³	
Width backhoe bucket			
Loader standard capacity		892 mm	
Loader standard capacity Width loader bucket		1 m³ 2235 mm	
		2233 11111	
Miscellaneous Pour eterring		Vee	
Power steering		Yes	
Front steer axle of oscillation 2WD		20 °	
Steering wheels (front / rear)		2/2	

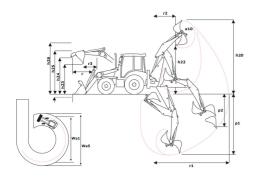
Performance backhoe

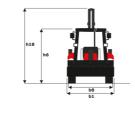
p1 - Max dig depth (mm)	
r1 - Max reach ground level to slew center (mm)	
r2 - Max loading reach (mm)	
Max operating height (mm)	
Max loading height (mm)	
p2 - Max straight wall dig depth (mm)	
a10 - Max bucket rotation (°)	
Total side shift (mm)	
Dipper tearout (kgF)	
Bucket tearout (kgF)	
Hydraulic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

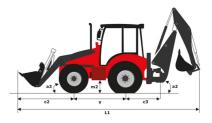
Performance loader

Max dump angle (°)
h26 - Max operating height (loader version) (mm)
h23 - Max dump height at 45° (mm)
h24 - Max loadover height (mm)
h25 - Max hinge pin height (mm)
r3 - Max reach at full height 45° (mm)
p3 - Below ground dig depth (mm)
a13 - Rollback at ground (°)
Shovel breakout (kgf)
Arms breakout (kgF)
Lifting capacity at full height (kg)

MBL-X 920 92P ST2 - Dimensional drawing









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