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			
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	1	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		200 mm	
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		13.30 Kiii/ii / 40 Kiii/ii	
Engine brand		Perkins	
Engine model	11040		
Displacement	11040	1104C 44T Turbo Charged Water Cooled Tier-II 4.40 I	
Gross Power / Power			
Max. torque		68.50 kW @ 2200 rpm 395 Nm	
		12 V / 75 Ah	
Battery voltage / capacity Transmission		12 V / 75 All	
Transmission brand		Carraro	
		4 / 4	
Number of gears (forward / reverse)		3.01:1	
Torque converter stall ratio		Wet disc brakes	
Service brake		wet disc blakes	
Hydraulics		142 I/min	
Hydraulic flow		142 l/min	
Main relief pressure		225 bar	
Tank capacities		90	
Hydraulic oil			
Liquid cooling tank volume		16	
Fuel tank		1451	
Transmission oil		17.50	
Engine oil		9.10	
Oil rear axle		17.50 l	
Bucket		0.043	
Backhoe standard capacity		0.24 m ³	
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 2WD		20 °	
Steering wheels (front / rear)		2/2	
Cab certification		Cabin ROPS - FOPS level 2	

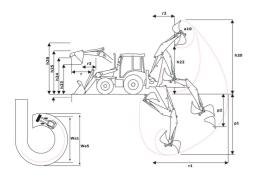
Performance backhoe

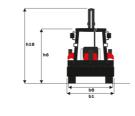
p1 - Max dig depth (mm)	
r1 - Max reach ground level to slew center (mm)	
r2 - Max loading reach (mm)	
Max operating height (mm)	56
Max loading height (mm)	3871
p2 - Max straight wall dig depth (mm)	2602
a10 - Max bucket rotation (°)	194
Total side shift (mm)	1198
Dipper tearout (kgF)	4336
Bucket tearout (kgF)	5810
Hydraulic lift capacity (kg)	1460

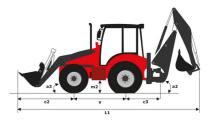
Performance loader

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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