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
Veight and dimensions		2130 111111
Inladen weight		7620 kg
Inladen weight with 4 WD		7620 kg
Inladen weight with 4 WD 7 in 1		7908 kg
Inladen weight 4WD - Side shift		7900 kg
Overall length	l1	7330 mm
Overall width	b1	2330 mm
Overall width with stabilizers extended - Center mount only	D1	3910 mm
Cabin height	h6	2830 mm
•	h6**	2860 mm
leight of cab with air conditioning (option)		
verall height	h17	3790 mm
xternal turning radius over tyres (braked)	Wa1	3850 mm
xternal turning radius over tyres (unbraked)	Wa1	4200 mm
xternal turning radius over bucket (braked)	Wa5	5550 mm
xtemal 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
ingine		
ingine brand		Perkins
ingine model		1104C 44T Turbo 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		
Fransmission brand		Carraro
Number of gears (forward / reverse)		4 / 4
orque converter stall ratio		3.01:1
ervice brake		Wet disc brakes
lydraulics		
Hydraulic flow		142 l/min
Main relief pressure		225 bar
ank capacities		
lydraulic oil		90 I
iquid cooling tank volume		16
uel tank		145 l
ransmission oil		17.50 l
ingine oil		9.10 l
Dil rear axle		17.50 l
Bucket		
Backhoe standard capacity		0.24 m³
Nidth backhoe bucket		892 mm
oader standard capacity		1 m³
Vidth 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)	

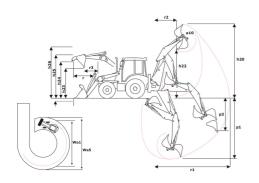
Standard dipper
4741
5730
1996
5626
3871
2602
194
1198
4336
5810
1460

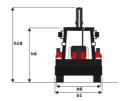
## Performance loader

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)	
r - Max reach at full 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)	

Standard shovel	
51	
4230	
2780	
3310	
3570	
1153	
710	
156	
45	
5229	
5312	
3819	

## MBL-X 920 92P ST2 - Dimensional drawing











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