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			
nladen weight		7620 kg	
nladen weight with 4 WD		7620 kg	
nladen weight with 4 WD 7 in 1		7908 kg	
nladen weight 4WD - Side shift		7620 kg	
verall length	1	7330 mm	
verall width	b1	2330 mm	
verall width with stabilizers extended - Center mount only		3910 mm	
abin height	h6	2830 mm	
eight of cab with air conditioning (option)	h6**	2860 mm	
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	
xternal turning radius over bucket (unbraked)	Wa5	5700 mm	
tandard tires front / rear		12.5 x 18 - 12 PR / 16.9 x 28-12PR	
ptional tyre (front / rear)		9 x 16 - 16 PR / 14 x 25 - 20 PR	
round clearance	m4	280 mm	
erformances			
ravel speed forward 1st / 2nd		5.40 km/h / 8.60 km/h	
ravel speed forward 3rd / 4th		19.90 km/h / 40 km/h	
ngine			
ngine brand		Perkins	
ngine model		1104C 44T Turbo Charged Water Cooled Tier-II	
isplacement		4.40 I	
ross Power / Power		68.50 kW @ 2200 rpm	
fax. torque		395 Nm	
attery voltage / capacity		12 V / 75 Ah	
ransmission			
ransmission brand		Саггаго	
umber of gears (forward / reverse)		4 / 4	
orque converter stall ratio		3.01:1	
ervice brake		Wet disc brakes	
ydraulics			
ydraulic flow		142 l/min	
fain relief pressure		225 bar	
ank capacities			
ydraulic oil		90	
quid cooling tank volume		16	
uel tank		145	
ransmission oil		17.50	
ngine oil		9.10 l	
il rear axle		17.50 I	
ucket			
ackhoe standard capacity		0.24 m³	
lidth backhoe bucket		892 mm	
oader standard capacity		1 m <sup>3</sup>	
lidth loader bucket		2235 mm	
liscellaneous			
ower steering		Yes	
ront steer axle of oscillation 2WD		20 °	
IOIL STEEL BATE OF USEIII BUUIT ZWD		20	

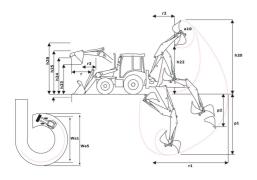
## Performance backhoe

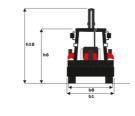
p1 - Max dig depth (mm)	
r1 - Max reach ground level to slew center (mm)	
r2 - Max loading reach (mm)	
Max operating height (mm)	
Max loading height (mm)	
p2 - Max straight wall dig depth (mm)	
a10 - Max bucket rotation (°)	
Total side shift (mm)	
Dipper tearout (kgF)	
Bucket tearout (kgF)	
Hydraulic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

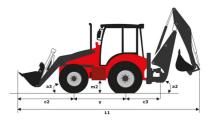
## Performance loader

	Standard shove	
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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