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.





		eated on May 17, 2024 at 4:51:35 AM l	
Capacities		Metric	
Wheelbase 2 wheels drive		2185 mm	
Nheelbase 4 wheels drive		2130 mm	
Weight and dimensions			
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		7620 kg	
Overall length	I1	7330 mm	
verall width	b1	2330 mm	
verall width with stabilizers extended - Center mount only		3910 mm	
abin height	h6	2830 mm	
leight 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	
xtemal turning radius over bucket (braked)	Wa5	5550 mm	
xtemal tuming 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	
Fround 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	
ingine			
ingine brand		Perkins	
ingine model		1104C 44T Turbo Charged Water Cooled Tier-II	
Max. capacity		4.40 I	
Gross Power / Power		68.50 kW @ 2200 rpm	
Max. torque		395 Nm	
Battery voltage / capacity		12 V / 75 Ah	
Transmission			
ransmission brand		Сапаго	
lumber of gears (forward / reverse)		4 / 4	
orque converter stall ratio		3.01:1	
ervice brake		Wet disc brakes	
lydraulics			
lydraulic flow		142 l/min	
Main relief pressure		225 bar	
ank capacities			
lydraulic oil		90 I	
iquid cooling tank volume		16	
uel tank		145	
ransmission oil		17.50 l	
ngine oil		9.10	
iil rear axle		17.50 l	
ucket			
ackhoe standard capacity		0.24 m³	
vidth backhoe bucket		892 mm	
oader standard capacity		1 m³	
Vidth loader bucket		1 m³ 2235 mm	
Aiscellaneous			
Power steering		Yes	
rower steering front steer axle of oscillation		2 °	
Steering wheels (front / rear)			
neeling mileers (Holit / Iear)		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)	

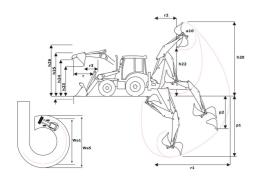
Standard dipper
4741
5730
1996
5626
3871
2602
194
1198
4336
5810
1460

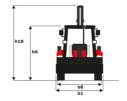
Performance loader

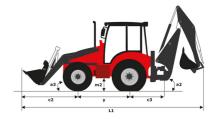
Max dump angle (°)	
h26 - Max operating height (loader version) (mm)	
h23 - Max dump height at 45° (mm)	
h24 - Max loadover height (mm)	
h25 - Max hinge pin height (mm)	
r3 - Max reach at full height 45° (mm)	
p3 - Below ground dig depth (mm)	
a13 - Rollback at ground (°)	
Shovel breakout (kgf)	
Arms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

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

MBL-X 920 92P ST2 - Dimensional drawing











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