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	
Jnladen weight with 4 WD		7620 kg	
Jnladen weight with 4 WD 7 in 1		7908 kg	
Jnladen weight 4WD - Side shift		7620 kg	
Overall length	l1	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	1	2.5 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			
Fravel 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			
Engine brand		Perkins	
Engine model	1104C	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			
Transmission brand		Саггаго	
Number of gears (forward / reverse)		4 / 4	
Torque converter stall ratio		3.01:1	
Service brake		Wet disc brakes	
Hydraulics			
Hydraulic flow		142 l/min	
Main relief pressure		225 bar	
Tank capacities			
Hydraulic oil		90 I	
Liquid cooling tank volume		16	
Fuel tank		145 I	
Fransmission oil		17.50 I	
Engine oil		9.10	
Dil rear axle		17.50	
Bucket		17.001	
Backhoe standard capacity		0.24 m³	
Width backhoe bucket		892 mm	
Loader standard capacity		892 mm 1 m³	
Width loader bucket		2235 mm	
Miscellaneous		2200 mm	
Power steering		Yes	
Front steer axle of oscillation		2°	
Steering wheels (front / rear)		2/2	
seeing miceis (Holit / Ical)		212	

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)	

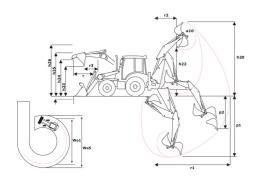
Standard dipper	
4741	
5730	
1996	
5626	
3871	
2602	
194	
1198	
4336	
5810	
1460	

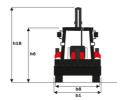
Performance loader

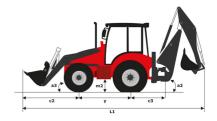
Max dump angle (°)
h26 - Max operating height (loader version) (mm)
h23 - Max dump height at 45° (mm)
h24 - Max loadover height (mm)
h25 - Max hinge pin height (mm)
r3 - Max reach at full height 45° (mm)
p3 - Below ground dig depth (mm)
a13 - Rollback at ground (°)
Shovel breakout (kgf)
Arms breakout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