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	
Inladen 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	12.5 x 18 - 12 PR / 16.9 x 28-12P	R
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	
Fravel speed forward 3rd / 4th	19.90 km/h / 40 km/h	
Engine	1919 Kingin yi Kingin	
Engine brand	Perkins	
Engine model	1104C 44T Turbo Charged Water Coole	d Tier-II
Displacement	4.40	
Gross Power / Power	68.50 kW @ 2200 rpm	
Max. torque	395 Nm	
Battery voltage / capacity	12 V / 75 Ah	
Transmission	1217707111	
Transmission brand	Сапаго	
Number of gears (forward / reverse)	4 / 4	
Torque converter stall ratio	3.01:1	
Service brake	Wet disc brakes	
Hydraulics	Hot did blakes	
Hydraulic flow	142 l/min	
Main relief pressure	225 bar	
Tank capacities		
Hydraulic oil	90	
iquid cooling tank volume	161	
Fuel tank	145	
Fransmission oil	17.50	
Engine oil	9.10	
Dil rear axle	17.50 I	
Bucket	17.001	
Backhoe standard capacity	0.24 m³	
Nidth backhoe bucket	892 mm	
Loader standard capacity	1 m <sup>3</sup>	
Loader standard capacity Width loader bucket	2235 mm	
Miscellaneous	Z235 mm	
	Yes	
Power steering  Front steer sale of conillation 2WD	Yes 20 °	
Front steer axle of oscillation 2WD		
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)	

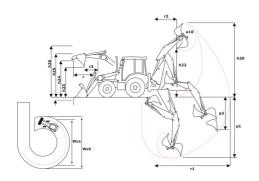
Standard dipper
4741
5730
1996
5626
3871
2602
194
1198
4336
5810
1460

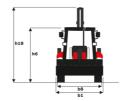
## Performance loader

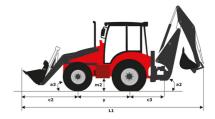
Max dump angle (°)
h26 - Max operating height (loader version) (mm)
h23 - Max dump height at 45° (mm)
h24 - Max loadover height (mm)
h25 - Max hinge pin height (mm)
r3 - Max reach at full height 45° (mm)
p3 - Below ground dig depth (mm)
a13 - Rollback at ground (°)
Shovel breakout (kgf)
Arms breakout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

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

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











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