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	
Unladen weight with 4 WD	7620 kg	
Unladen weight with 4 WD 7 in 1	7908 kg	
Jnladen weight 4WD - Side shift	7620 kg	
Overall length	I1 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 tuming radius over bucket (unbraked)	Wa5 5700 mm	
Standard tires front / rear	12.5 x 18 - 12 PR / 16.9 x 28-12P	rR
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	1555 (11)117 10 111911	
Engine brand	Perkins	
Engine model	1104C 44T Turbo Charged Water Coole	d Tier-II
Displacement	4.40	u
Gross Power / Power	68.50 kW @ 2200 rpm	
Max. torque	395 Nm	
Battery voltage / capacity	12 V / 75 Ah	
Transmission		
Transmission brand	Саптаго	
Number of gears (forward / reverse)	4 / 4	
Torque converter stall ratio	3.01:1	
Service brake	Wet disc brakes	
Hydraulics	The disc states	
Hydraulic flow	142 l/min	
Main relief pressure	225 bar	
Tank capacities	223 bdi	
Hydraulic oil	90 1	
Liquid cooling tank volume	161	
Fuel tank	1451	
Transmission oil	17.50	
Engine oil	9.10	
Dil rear axle	9.101 17.50 l	
Bucket	17.301	
Backhoe standard capacity	0.24 m³	
Width backhoe bucket	0.24 III* 892 mm	
Loader standard capacity	692 IIIII 1 m³	
Width loader bucket Miscellaneous	2235 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)

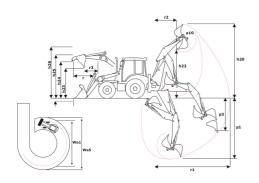
Standard dipper		
4741		
5730		
1996		
5626		
3871		
2602		
194		
1198		
4336		
5810		
1460		

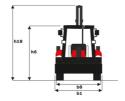
Performance loader

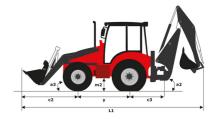
Max dump angle (°)	
h26 - Max operating height (loader version) (mm)	
h23 - Max dump height at 45° (mm)	
h24 - Max loadover height (mm)	
h25 - Max hinge pin height (mm)	
r3 - Max reach at full height 45° (mm)	
p3 - Below ground dig depth (mm)	
a13 - Rollback at ground (°)	
Shovel breakout (kgf)	
Arms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

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

MBL-X 920 92P ST2 - Dimensional drawing











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