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		
Unladen 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	9 x 28-12PR	
Optional tyre (front / rear)	9 x 16 - 16 PR / 14 x 2		
Ground clearance	m4 280 mm		
Performances			
Travel speed forward 1st / 2nd	5.40 km/h / 8.60	km/h	
Travel speed forward 3rd / 4th	19.90 km/h / 40		
Engine	19190 Mily II / II	,	
Engine brand	Perkins		
Engine model		1104C 44T Turbo Charged Water Cooled Tier-II	
Max. capacity	4.40	ater occide men	
Gross Power / Power	68.50 kW @ 2200	) mm	
Max. torque	395 Nm	· ·p····	
Battery voltage / capacity	12 V / 75 Ah	1	
Transmission	127,707		
Transmission brand	Сапаго		
Number of gears (forward / reverse)	4 / 4		
Torque converter stall ratio	3.01:1		
Service brake	Wet disc brak	PS	
Hydraulics	THE GLOS BLAN		
Hydraulic flow	142 l/min		
Main relief pressure	225 bar		
Tank capacities	220 00.		
Hydraulic oil	90 I		
Liquid cooling tank volume	161		
Fuel tank	145 I		
Transmission oil	17.50		
Engine oil	9.10		
Oil rear axle	17.50 I		
Bucket	17.301		
Backhoe standard capacity	0.24 m³		
Width backhoe bucket	0.24 III* 892 mm		
Loader standard capacity	092 IIIIII 1 m³		
Width loader bucket	2235 mm		
Miscellaneous	2235 mm		
	Yes		
Power steering Front steer axle of oscillation	Yes 2°		
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)

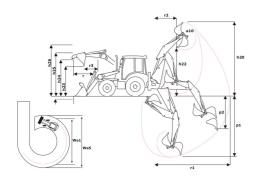
Standard dipper		
4741		
5730		
1996		
5626		
3871		
2602		
194		
1198		
4336		
5810		
1460		

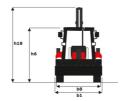
## Performance loader

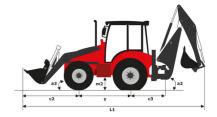
Max dump angle (°)	
h26 - Max operating height (loader version) (mm)	
h23 - Max dump height at 45° (mm)	
h24 - Max loadover height (mm)	
h25 - Max hinge pin height (mm)	
r3 - Max reach at full height 45° (mm)	
p3 - Below ground dig depth (mm)	
a13 - Rollback at ground (°)	
Shovel breakout (kgf)	
Arms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