Technical sheet:

# **MBL-X 920 92P 5T2**

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 (blaked)	Wa1 4200 mm	
	Wa1 4200 IIIII Wa5 5550 mm	
External turning radius over bucket (braked)		
External turning radius over bucket (unbraked)		v 00 10DD
Standard tires front / rear	12.5 x 18 - 12 PR / 16.9	
Optional tires (front / rear)	9 x 16 - 16 PR / 14 x 2	3 - 20 PK
Ground clearance Performances	m4 280 mm	
	5.401 // / 0.601	
Travel speed forward 1st / 2nd	5.40 km/h / 8.60 k	
Travel speed forward 3rd / 4th	19.90 km/h / 40 k	m/n
Engine		
Engine brand	Perkins	
Engine model	1104C 44T Turbo Charged Wa	ter Cooled Tier-II
Displacement	4.40	
Engine power (kW) / Gross Power	68.50 kW @ 2200	rpm
Max. torque	395 Nm	
Battery voltage / capacity	12 V / 75 Ah	
Transmission		
Transmission brand	Сапаго	
Number of gears (forward / reverse)	4 / 4	
Torque converter stall ratio	3.01:1	
Service brake	Wet disc brake	s
Hydraulics		
Hydraulic flow	142 l/min	
Main relief pressure	225 bar	
Tank capacities		
Hydraulic oil	90 I	
Cooling liquid	16 l	
Fuel	145	
Transmission oil	17.50 I	
Engine oil	9.10	
Oil rear axle	17.50 l	
Bucket		
Backhoe standard capacity	0.24 m³	
Width backhoe bucket	892 mm	
Loader standard capacity	1 m³	
Width loader bucket	2235 mm	
Miscellaneous		
Power steering	Yes	
Front steer axle of oscillation 2WD	20 °	
Steering wheels (front / rear)	2/2	
Cab certification	Cabin ROPS - FOPS I	level 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)

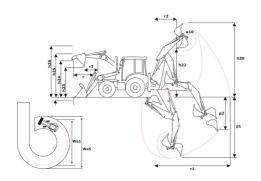
Standard dipper	
4741	
5730	
1996	
5626	
3871	
2602	
194	
1198	
4336	
5810	
1460	

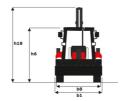
# Performance loader

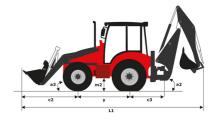
Max dump angle (°)
h26 - Max operating height (loader version) (mm)
h23 - Max dump height at 45° (mm)
h24 - Max loadover height (mm)
h25 - Max hinge pin height (mm)
r3 - Max reach at full height 45° (mm)
p3 - Below ground dig depth (mm)
a13 - Rollback at ground (°)
Shovel breakout (kgf)
Arms breakout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