Technical sheet:

MBL-X 920 94P ST3

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.





	мвь-х 920 94Р sтз Created on August 12, 2025 а	i 3:08 PM U	
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		
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) External turning radius over tyres (unbraked)	Wa1 4200 mm		
	Wa5 5550 mm		
External turning radius over bucket (braked)	Wa5 5700 mm		
External turning radius over bucket (unbraked)		20 1200	
Standard tires front / rear	12.5 x 18 - 12 PR / 16.9 x		
Optional tyre (front / rear)	9 x 16 - 16 PR / 14 x 25 -	ZU PK	
Reach at travelling	c2 2098 mm		
Rear axle center to slew center	c3 1293 mm		
Departure angle	a2 20 °		
Angle of Approach	a3 66 °		
Ground clearance	m4 280 mm		
Performances			
Travel speed forward 1st / 2nd	5.40 km/h / 8.60 km		
Travel speed forward 3rd / 4th	19.90 km/h / 40 km	/h	
Engine			
Engine brand	Perkins		
Engine model	1104D 44T Turbo Charged Water	Cooled Tier-III	
Displacement	4.40 l		
Gross Power / Power	70 kW @ 2200 rpm	1	
Max. torque	395 Nm		
Battery voltage / capacity	12 V / 75 Ah		
Transmission			
Transmission brand	Саптаго		
Number of gears (forward / reverse)	4 / 4	4 / 4	
Torque converter stall ratio	3.01:1	3.01:1	
Service brake	Wet disc brakes		
Hydraulics			
Hydraulic flow	142 l/min		
Main relief pressure	225 bar		
Tank capacities			
Hydraulic oil	90		
Liquid cooling tank volume	161		
Fuel tank	145		
Transmission oil	17.50 I		
Engine oil	9.10		
Oil rear axle	17.50		
Bucket			
Backhoe standard capacity	0.24 m³		
Width backhoe bucket	892 mm		
Loader standard capacity	1 m³		
Width loader bucket	2235 mm		
Miscellaneous	2233 11111		
Power steering	Yes		
Front steer axle of oscillation 2WD	20 °		
Front steer axle of oscillation 2WD Front steer axle of oscillation 4WD	20 °		
Steering wheels (front / rear)	2/2		

Performance backhoe

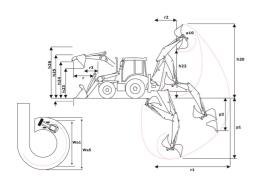
	Standard dipper	Extending dipper
		Retracted
p1 - Max dig depth (mm)	4741	5815
r1 - Max reach ground level to slew center (mm)	5730	7019
r2 - Max loading reach (mm)	1996	4849
Max operating height (mm)	5626	6637
h22 - Max loading height SAE (mm)	-	4531
Max loading height (mm)	3871	4849
p2 - Max straight wall dig depth (mm)	2602	3991
a10 - Max bucket rotation (°)	194	194
Total side shift (mm)	1198	1198
Dipper tearout (kgF)	4336	2644
Bucket tearout (kgF)	5810	5219
Hydraulic lift capacity (kg)	1460	812

Performance loader

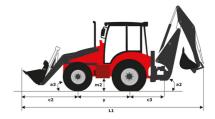
Max dump angle (°)
h26 - Max operating height (loader version) (mm)
h23 - Max dump height at 45° (mm)
h24 - Max loadover height (mm)
h25 - Max hinge pin height (mm)
r3 - Max reach at full height 45° (mm)
p3 - Below ground dig depth (mm)
a13 - Rollback at ground (°)
Shovel breakout (kgf)
Arms breakout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

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

MBL-X 920 94P ST3 - Dimensional drawing











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