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 July 27, 2025 at 12:09 PM UT		
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	
	Wa1	3850 mm	
External turning radius over tyres (braked)			
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 28-12PR	
Optional tyre (front / rear)		9 x 16 - 16 PR / 14 x 25 - 20 PR	
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/h	
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	
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			
Hydraulic flow		142 l/min	
Main relief pressure		225 bar	
Tank capacities		220 501	
Hydraulic oil		90 I	
Liquid cooling tank volume		16	
Fuel tank		145 l	
Transmission oil		17.50 l	
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	
•		Yes 20°	
Power steering Front steer axle of oscillation 2WD Front steer axle of oscillation 4WD			

Performance backhoe

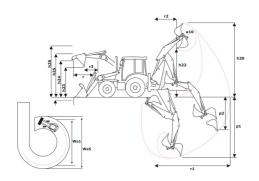
	Standard dipper	Extending dipper	
		Retracted	
p1 - Max dig depth (mm)	4741	5815	
r1 - Max reach ground level to slew center (mm)	5730	7019	
r2 - Max loading reach (mm)	1996	4849	
Max operating height (mm)	5626	6637	
h22 - Max loading height SAE (mm)	-	4531	
Max loading height (mm)	3871	4849	
p2 - Max 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	

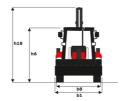
Performance loader

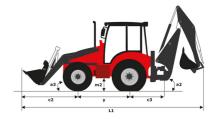
Max dump angle (°)
h26 - Max operating height (loader version) (mm)
h23 - Max dump height at 45° (mm)
h24 - Max loadover height (mm)
h25 - Max hinge pin height (mm)
r3 - Max reach at full height 45° (mm)
p3 - Below ground dig depth (mm)
a13 - Rollback at ground (°)
Shovel breakout (kgf)
Arms breakout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