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.





#### **MBL-X 920 94P ST3** Created on July 27, 2025 at 10:02 AM UTC

Capacities	Metric	
Vheelbase 2 wheels drive	2185 mm	
Vheelbase 4 wheels drive	2130 mm	
/eight and dimensions		
nladen weight	7620 kg	
Inladen weight with 4 WD	7620 kg	
Inladen weight with 4 WD 7 in 1	7908 kg	
iverall length	l1 7330 mm	
verall width	b1 2330 mm	
overall width with stabilizers extended - Center mount only	3910 mm	
abin height	h6 2830 mm	
leight of cab with air conditioning (option)	h6** 2860 mm	
)verall height	h17 3790 mm	
ixternal turning radius over tyres (braked)	Wa1 3850 mm	
ixternal turning radius over tyres (unbraked)	Wa1 4200 mm	
xternal turning radius over bucket (braked)	Wa1 4200 mm	
xtemal turning radius over bucket (unaked)	Wa5 5700 mm	
tandard tires front / rear	12.5 x 18 - 12 PR / 16.9 x 28-12PR	
ptional tyre (front / rear)	9 x 16 - 16 PR / 14 x 25 - 20 PR	
each at travelling	c2 2098 mm	
ear axle center to slew center	c3 1293 mm	
Peparture angle	a2 20 °	
ingle of Approach	a3 66 °	
round clearance	m4 280 mm	
erformances		
ravel speed forward 1st / 2nd	5.40 km/h / 8.60 km/h	
ravel speed forward 3rd / 4th	19.90 km/h / 40 km/h	
ingine		
ingine brand	Perkins	
ingine model	1104D 44T Turbo Charged Water Cooled	Tier-II
lisplacement	4.40 l	
Bross Power / Power	70 kW @ 2200 rpm	
Aax. torque	395 Nm	
Battery voltage / capacity	12 V / 75 Ah	
ransmission		
ransmission brand	Carraro	
lumber of gears (forward / reverse)	4 / 4	
orque converter stall ratio	3.01:1	
ervice brake	Wet disc brakes	
lydraulics		
lydraulic flow	142 l/min	
lain relief pressure	225 bar	
ank capacities		
lydraulic oil	90	
iquid cooling tank volume	161	
uel tank		
	1451	
ransmission oil	17.50	
ingine oil	9.101	
il rear axle	17.50	
ucket		
ackhoe standard capacity	0.24 m³	
Vidth backhoe bucket	892 mm	
.oader standard capacity	1 m <sup>3</sup>	
Vidth loader bucket	2235 mm	
liscellaneous		
Power steering	Yes	
Front steer axle of oscillation 2WD	20 °	
ront steer axle of oscillation 4WD	16 °	
Steering wheels (front / rear)	2/2	

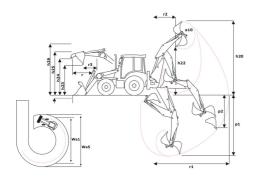
## Performance backhoe

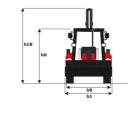
	Ohenderd disease	Extending dipper
	Standard dipper	Retracted
p1 - Max dig depth (mm)	4741	5815
r1 - Max reach ground level to slew center (mm)	5730	7019
r2 - Max loading reach (mm)	1996	4849
Max operating height (mm)	5626	6637
h22 - Max loading height SAE (mm)	-	4531
Max loading height (mm)	3871	4849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

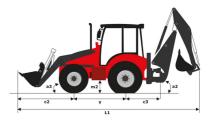
### Performance loader

	Standard shovel
Max dump angle (°)	51
h26 - Max operating height (loader version) (mm)	4230
h23 - Max dump height at 45° (mm)	2780
h24 - Max loadover height (mm)	3310
h25 - Max hinge pin height (mm)	3570
r3 - Max reach at full height 45° (mm)	710
p3 - Below ground dig depth (mm)	156
a13 - Rollback at ground (°)	45
Shovel breakout (kgf)	5229
Arms breakout (kgF)	5312
Lifting capacity at full height (kg)	3819

#### MBL-X 920 94P ST3 - Dimensional drawing









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