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 August 12, 2025 at 9:24 PM UTC

Capacities	Metric
Wheelbase 2 wheels drive	2185 mm
Wheelbase 4 wheels drive	2130 mm
Neight and dimensions	
Jnladen weight	7620 kg
Inladen weight with 4 WD	7620 kg
Inladen weight with 4 WD 7 in 1	7908 kg
)verall length	l1 7330 mm
)verall width	b1 2330 mm
Overall width with stabilizers extended - Center mount only	3910 mm
Cabin height	h6 2830 mm
leight of cab with air conditioning (option)	h6** 2860 mm
Dverall height	h17 3790 mm
External turning radius over tyres (braked)	Wa1 3850 mm
External turning radius over tyres (unbraked)	Wa1 4200 mm
	Wa1 4200 mm Wa5 5550 mm
xternal turning radius over bucket (braked)	Wa5 530 mm
ixternal turning radius over bucket (unbraked)	
Standard tires front / rear	12.5 x 18 - 12 PR / 16.9 x 28-12PR
Dptional 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	
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
Engine	
Engine brand	Perkins
Engine model	1104D 44T Turbo Charged Water Cooled Tier-
Displacement	4.40
Gross Power / Power	70 kW @ 2200 rpm
Max. torque	395 Nm
Battery voltage / capacity	12 V / 75 Ah
Transmission	
Fransmission brand	Carraro
Number of gears (forward / reverse)	4/4
Forque converter stall ratio	3.01:1
Service brake	Wet disc brakes
lydraulics	Wet disc blakes
	142 l/min
lydraulic flow	
Aain relief pressure	225 bar
Fank capacities	
łydraulic oil	90
iquid cooling tank volume	16
uel tank	145
ransmission oil	17.50 l
ingine oil	9.10
Dil rear axle	17.50
lucket	
Backhoe standard capacity	0.24 m ³
Vidth backhoe bucket	892 mm
.oader standard capacity	1 m ³
Nidth loader bucket	2235 mm
<i>A</i> iscellaneous	
Power steering	Yes
Front steer axle of oscillation 2WD	20 °
Front steer axle of oscillation 4WD	16 °
Steering wheels (front / rear)	2/2

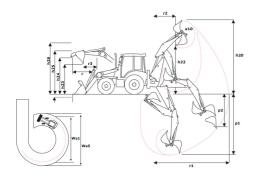
Performance backhoe

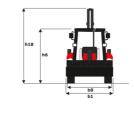
	Standard dipper	Extending dipper
		Retracted
p1 - Max dig depth (mm)	4741	5815
r1 - Max reach ground level to slew center (mm)	5730	7019
r2 - Max loading reach (mm)	1996	4849
Max operating height (mm)	5626	6637
h22 - Max loading height SAE (mm)	-	4531
Max loading height (mm)	3871	4849
p2 - Max straight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

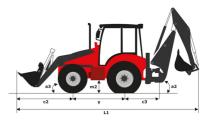
Performance loader

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)

MBL-X 920 94P ST3 - Dimensional drawing









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