Technical sheet :

MBL-X 920 92P ST2

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	
Jnladen weight 4WD - Side shift	7620 kg		
Dverall length	l1 7330 mm		
Dverall 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		
ixternal turning radius over tyres (unbraked)	Wa1 4200 mm		
External turning radius over bucket (braked)	Wa5 5550 mm		
ixternal turning radius over bucket (unbraked)	Wa5 5700 mm		
tandard tires front / rear	12.5 x 18 - 12 PR / 16.9 x 28-1	2PR	
ptional tyre (front / rear)		9 x 16 - 16 PR / 14 x 25 - 20 PR	
Ground clearance	m4 280 mm	N	
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		
ngine			
ngine brand	Perkins		
ngine model		1104C 44T Turbo Charged Water Cooled Tier-II	
fax. capacity		4.40 l	
iross Power / Power		68.50 kW @ 2200 rpm	
Aax. torque		395 Nm	
lattery voltage / capacity		12 V / 75 Ah	
ransmission			
ransmission brand	Сапаго		
lumber of gears (forward / reverse)	4/4		
orque converter stall ratio		3.01:1	
ervice brake		3.01.1 Wet disc brakes	
Indexe	Wet disc blakes		
lydraulic flow	142 l/min		
Aain relief pressure	225 bar		
ank capacities			
lydraulic oil	901		
iquid cooling tank volume	161		
uel tank	1451		
ransmission oil	17.50		
ingine oil		9.101	
vil rear axle Nucket	17.50 l		
	0.24 m3		
ackhoe standard capacity /idth backhoe bucket	0.24 m³ 892 mm		
oader standard capacity	1 m ³		
Vidth loader bucket	2235 mm		
/iscellaneous			
Power steering	Yes		
Front steer axle of oscillation	2°		
Steering wheels (front / rear)	2/2		

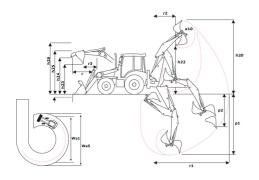
Performance backhoe

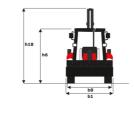
p1 - Max dig depth (mm)	
r1 - Max reach ground level to slew center (mm)	
r2 - Max loading reach (mm)	
Max operating height (mm)	
Max loading height (mm)	
p2 - Max straight wall dig depth (mm)	
a10 - Max bucket rotation (°)	
Total side shift (mm)	
Dipper tearout (kgF)	
Bucket tearout (kgF)	
Hydraulic lift capacity (kg)	

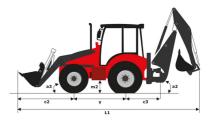
Performance loader

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 92P ST2 - Dimensional drawing









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