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
Nheelbase 4 wheels drive		2130 mm
Veight and dimensions		
Inladen weight		7620 kg
Inladen weight with 4 WD		7620 kg
Inladen weight with 4 WD 7 in 1		7908 kg
Inladen weight 4WD - Side shift		7620 kg
verall length	1	7330 mm
verall width	b1	2330 mm
verall 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
xternal turning radius over tyres (braked)	Wa1	3850 mm
xternal turning radius over tyres (unbraked)	Wa1	4200 mm
xternal turning radius over bucket (braked)	Wa5	5550 mm
xternal turning radius over bucket (unbraked)	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
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
ngine		
ngine brand		Perkins
ngine model		1104C 44T Turbo Charged Water Cooled Tier-II
isplacement		4.40 I
ross Power / Power		68.50 kW @ 2200 rpm
fax. torque		395 Nm
lattery voltage / capacity		12 V / 75 Ah
ransmission		
ransmission brand		Саггаго
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
fain relief pressure		225 bar
ank capacities		
ydraulic oil		90
iquid cooling tank volume		161
uel tank		145
ransmission oil		17.50 l
ngine oil		9.101
il rear axle		17.50
ucket		
ackhoe standard capacity		0.24 m³
lidth backhoe bucket		892 mm
oader standard capacity		1 m ³
lidth loader bucket		2235 mm
liscellaneous		2233 11111
		Yes
ower steering ront steer axle of oscillation 2WD		Yes 20 °
		20 *

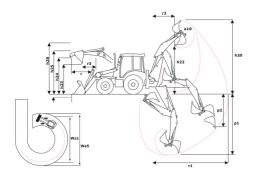
Performance backhoe

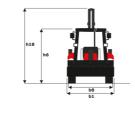
p1 - Max dig depth (mm)	
r1 - Max reach ground level to slew center (mm)	
r2 - Max loading reach (mm)	1
Max operating height (mm)	5626
Max loading height (mm)	3871
p2 - Max straight wall dig depth (mm)	2602
a10 - Max bucket rotation (°)	194
Total side shift (mm)	1198
Dipper tearout (kgF)	4336
Bucket tearout (kgF)	5810
Hydraulic lift capacity (kg)	1460

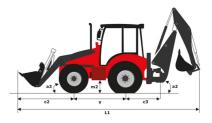
Performance loader

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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