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.





		eated on May 15, 2024 at 7:16:25 AM L
Capacities		Metric
Nheelbase 2 wheels drive		2185 mm
Nheelbase 4 wheels drive		2130 mm
Weight 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	I1	7330 mm
verall width	b1	2330 mm
verall width with stabilizers extended - Center mount only		3910 mm
abin height	h6	2830 mm
eight 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
ingine in the second se		
ingine brand		Perkins
ngine model		1104C 44T Turbo Charged Water Cooled Tier-I
Max. capacity		4.40
Gross Power / Power		68.50 kW @ 2200 rpm
Max. torque		395 Nm
Battery 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		Wet disc brakes
lydraulics		
lydraulic flow		142 l/min
fain relief pressure		225 bar
ank capacities		
lydraulic oil		90 I
iquid cooling tank volume		16
uel tank		145 I
ransmission oil		17.50 l
ngine oil		9.10
iil rear axle		17.50 l
ucket		
ackhoe standard capacity		0.24 m³
vidth backhoe bucket		892 mm
oader standard capacity		1 m³
vidth loader bucket		2235 mm
discellaneous		2233 111111
Power steering		Yes
ront steer axle of oscillation		2°
Steering wheels (front / rear)		2/2
Account wheels (Hollt / Ical)		Z / Z

## 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)	

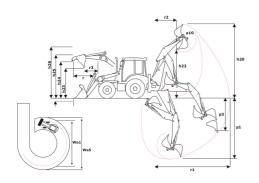
Standard dipper	
4741	
5730	
1996	
5626	
3871	
2602	
194	
1198	
4336	
5810	
1460	

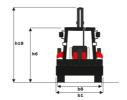
## Performance loader

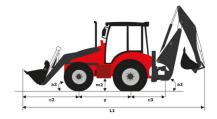
Max dump angle (°)	
h26 - Max operating height (loader version) (mm)	
h23 - Max dump height at 45° (mm)	
h24 - Max loadover height (mm)	
h25 - Max hinge pin height (mm)	
r3 - Max reach at full height 45° (mm)	
p3 - Below ground dig depth (mm)	
a13 - Rollback at ground (°)	
Shovel breakout (kgf)	
Arms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

Standard shovel
51
4230
2780
3310
3570
710
156
45
5229
5312
3819

## MBL-X 920 92P ST2 - Dimensional drawing











#### **Head Office**

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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