Technical sheet :

## MBL-X 920 92P 5T2

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	
Unladen weight 4WD - Side shift	7620 kg	
Overall length	l1 7330 mm	
Overall width	b1 2330 mm	
Overall width with stabilizers extended - Center mount only	3910 mm	
Cabin height	h6 2830 mm	
Height of cab with air conditioning (option)	h6** 2860 mm	
Overall height	h17 3790 mm	
External turning radius over tyres (braked)	Wa1 3850 mm	
External turning radius over tyres (unbraked)	Wa1 4200 mm	
External turning radius over bucket (braked)	Wa5 5550 mm	
External turning radius over bucket (unbraked)	Wa5 5700 mm	
Standard tires front / rear	12.5 x 18 - 12 PR / 16.9 x 28	-12PR
Optional tyre (front / rear)	9 x 16 - 16 PR / 14 x 25 - 20	
Ground clearance	m4 280 mm	
Performances		
Travel speed forward 1st / 2nd	5.40 km/h / 8.60 km/h	
Travel speed forward 3rd / 4th	19.90 km/h / 40 km/h	
Engine		
Engine brand	Perkins	
Engine model	1104C 44T Turbo Charged Water Co	ooled Tier-II
Displacement	4.40	
Gross Power / Power	68.50 kW @ 2200 rpm	
Max. torque	395 Nm	
Battery voltage / capacity	12 V / 75 Ah	
Transmission		
Transmission brand	Саптаго	
Number of gears (forward / reverse)	4/4	
Torque converter stall ratio	3.01:1	
Service brake	Wet disc brakes	
Hydraulics		
Hydraulic flow	142 l/min	
	225 bar	
Main relief pressure Tank capacities		
Hydraulic oil	90	
•	16	
Liquid cooling tank volume	1451	
Fuel tank		
Transmission oil	17.50	
Engine oil	9.10	
Oil rear axle	17.50 l	
Bucket		
Backhoe standard capacity	0.24 m <sup>3</sup>	
Width backhoe bucket	892 mm	
Loader standard capacity	1 m <sup>3</sup>	
Width loader bucket	2235 mm	
Miscellaneous		
Power steering	Yes	
Front steer axle of oscillation 2WD	20 °	
Steering wheels (front / rear)	2/2	
Cab certification	Cabin ROPS - FOPS level	2

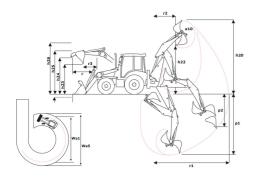
## Performance backhoe

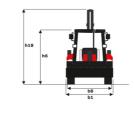
	Standard dipper
p1 - Max dig depth (mm)	4741
r1 - Max reach ground level to slew center (mm)	5730
r2 - Max loading reach (mm)	1996
Max operating height (mm)	5626
Max loading height (mm)	3871
p2 - Max straight wall dig depth (mm)	2602
a10 - Max bucket rotation (°)	194
Total side shift (mm)	1198
Dipper tearout (kgF)	4336
Bucket tearout (kgF)	5810
Hydraulic lift capacity (kg)	1460

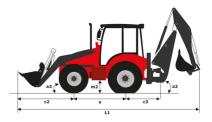
## Performance loader

	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 92P ST2 - Dimensional drawing









HANDLING YOUR WORLD

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



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes