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.





Wheelbase 2 wheels drive  Velght and dimensions  Velght and dimensions  Inladen weight with 4 WD  Inladen weight with 4 WD 7 in 1  Inladen weight 4WD - Side shift  Verall length  Verall width  Verall width  Verall width with stabilizers extended - Center mount only  Vabin height  Leight of cab with air conditioning (option)  Verall height  Xxtemal turning radius over tyres (braked)  Xxtemal turning radius over tyres (unbraked)  Xxtemal turning radius over bucket (braked)  Xxtemal turning radius over braked  Xxtemal turning radius over braked  Xxtemal turning radius over bucket (braked)  Xxtemal turning radius over bucket (braked)  Xxtemal turn		Metric
Velight and dimensions  Inladen weight with 4 WD  Inladen weight with 4 WD 7 in 1  Inladen weight 4WD - Side shift  Verall length  Verall length  Verall with stabilizers extended - Center mount only  Sabin height  Reight of cab with air conditioning (option)  Verall height  External turning radius over tyres (braked)  External turning radius over tyres (braked)  External turning radius over bucket (braked)  External turning radius over bucket (unbraked)  External turning radius over bucket (braked)  External turning radius over bucket (unbraked)  External turning radius over bucket (braked)  External turning radius over bucket (unbraked)  Externa		2185 mm
Inladen weight with 4 WD Inladen weight with 4 WD 7 in 1 Inladen weight 4WD - Side shift Inladen weight with 4 WD 7 in 1 Inladen weight weight with 4 WD 7 in 1 Inladen weight weight weight Inladen		2130 mm
Inladen weight with 4 WD Inladen weight with 4 WD 7 in 1 Inladen weight 4WD - Side shift Inlad		
Inladen weight with 4 WD 7 in 1 Inladen weight 4WD - Side shift Inladen weight 4WD - Side shif		7620 kg
Inladen weight 4WD - Side shift Overall length Overall length Overall width with stabilizers extended - Center mount only Cabin height leight of cab with air conditioning (option) Overall height External turning radius over tyres (braked) External turning radius over tyres (unbraked) External turning radius over bucket (braked) External turning radius over bucket (unbraked) External turning radius over bucket (braked) External turning radius over		7620 kg
overall length Overall width with stabilizers extended - Center mount only Cabin height leight of cab with air conditioning (option) Overall height External turning radius over tyres (braked) External turning radius over tyres (unbraked) External turning radius over bucket (braked) External turning radius over bucket (braked) External turning radius over bucket (unbraked) External turning radius over bucket (braked) External turning radius over buck		7908 kg
overall width with stabilizers extended - Center mount only cabin height leight of cab with air conditioning (option) overall height external turning radius over tyres (braked) external turning radius over tyres (unbraked) external turning radius over bucket (braked) external turning radius over bucket (unbraked) external turning radius over bucket (braked) external turning radius over bucket (unbraked) external turning radius over bucket (braked) external turning radius over bucket (brake		7620 kg
overall width with stabilizers extended - Center mount only cabin height leight of cab with air conditioning (option) overall height ixternal turning radius over tyres (braked) ixternal turning radius over tyres (unbraked) ixternal turning radius over bucket (braked) ixternal turning radius over bucket (unbraked) ixternal turning radius over bucket (braked) ixt	l1	7330 mm
cabin height leight of cab with air conditioning (option)  overall height (external turning radius over tyres (braked) (external turning radius over tyres (unbraked) (external turning radius over bucket (braked) (external turning radius over bucket (unbraked) (external	b1	2330 mm
leight of cab with air conditioning (option)  overall height  ixternal turning radius over tyres (braked)  ixternal turning radius over tyres (unbraked)  ixternal turning radius over bucket (braked)  ixternal turning radius over bucket (unbraked)  ixternal turning radiu		3910 mm
overall height (external turning radius over tyres (braked) (external turning radius over tyres (unbraked) (external turning radius over bucket (braked) (external turning radius over bucket (unbraked) (external turning rad	h6	2830 mm
External turning radius over tyres (braked) External turning radius over tyres (unbraked) External turning radius over bucket (braked) External turning radius over bucket (unbraked) External turning radius over bu	h6**	2860 mm
external turning radius over tyres (unbraked) (external turning radius over bucket (braked) (external turning radius over bucket (unbraked) (external tyre (front / rear) (external turning radius over bucket (unbraked) (external turning radius for the formal turning radius over bucket (unbraked) (external turning radius for turning radius over bucket (unbraked) (external turning radius for turning radius over bucket (unbraked) (external turning radius for turning radius over bucket (unbraked) (external turning radius for turning radius over bucket (unbraked) (external turning radius for	h17	3790 mm
external turning radius over bucket (unbraked) External tyre (front / rear) Ex	Wa1	3850 mm
external turning radius over bucket (unbraked) chandard tires front / rear optional tyre (front / rear) cround clearance reformances fravel speed forward 1st / 2nd fravel speed forward 3rd / 4th fraighne fingine fingine fingine fingine model	Wa1	4200 mm
chandard tires front / rear ptional tyre (front / rear) cround clearance reformances cravel speed forward 1st / 2nd cravel speed forward 3rd / 4th cravel speed forward 3rd / 4th cravel speed forward 3rd / 4th cravel speed forward 3rd / 5 th cravel speed	Wa5	5550 mm
Optional tyre (front / rear) Ground clearance Formances Groward 1st / 2nd Groward Strd / 4th Groward Strd / 4th Groward Strd / 4th Groward Strd / 5th Groward Strd /	Wa5	5700 mm
cround clearance ceformances cravel speed forward 1st / 2nd cravel speed forward 3rd / 4th cr		12.5 x 18 - 12 PR / 16.9 x 28-12PR
erformances iravel speed forward 1st / 2nd iravel speed forward 3rd / 4th ingine ingine brand ingine model bisplacement iravs Power / Power		9 x 16 - 16 PR / 14 x 25 - 20 PR
ravel speed forward 1st / 2nd iravel speed forward 3rd / 4th ingine ingine brand ingine model bisplacement tross Power / Power	m4	280 mm
ravel speed forward 3rd / 4th ingine ingine brand ingine model bisplacement tross Power / Power Max. torque		
ingine Ingine brand Ingine model Displacement Bross Power / Power Max. torque		5.40 km/h / 8.60 km/h
ingine brand ingine model Displacement Gross Power / Power Max. torque		19.90 km/h / 40 km/h
ongine model Displacement Bross Power / Power Brass Lorque		
Displacement Bross Power / Power Aax. torque		Perkins
ross Power / Power Aax. torque		1104C 44T Turbo Charged Water Cooled Tier-II
Max. torque		4.40 l
		68.50 kW @ 2200 rpm
attery voltage / capacity		395 Nm
		12 V / 75 Ah
ransmission		
ransmission brand		Carraro
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
Main relief pressure		225 bar
ank capacities		
lydraulic oil		90 I
iquid cooling tank volume		16 l
uel tank		145
ransmission oil		17.50 l
ingine oil		9.10 l
ili rear axle		17.50 l
tucket		
lackhoe standard capacity		0.24 m³
Vidth backhoe bucket		892 mm
oader standard capacity		1 m³
Vidth loader bucket		2235 mm
Aiscellaneous		
Power steering		Yes
ront steer axle of oscillation 2WD		20 °
teering wheels (front / rear) Cab certification		2 / 2 Cabin ROPS - FOPS level 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)

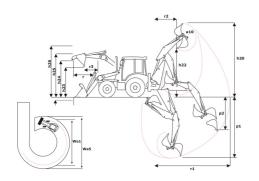
Standard dipper	
4741	
5730	
1996	
5626	
3871	
2602	
194	
1198	
4336	
5810	
1460	

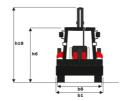
## Performance loader

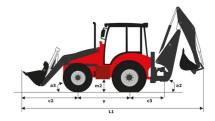
Max dump angle (°)	
h26 - Max operating height (loader version) (mm)	
h23 - Max dump height at 45° (mm)	
h24 - Max loadover height (mm)	
h25 - Max hinge pin height (mm)	
r3 - Max reach at full height 45° (mm)	
p3 - Below ground dig depth (mm)	
a13 - Rollback at ground (°)	
Shovel breakout (kgf)	
Arms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

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