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.





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Engine         Control         Perias           Engine brand         Perias         Perias           Engine brand         1106 d4 Tubo Charged Water Cooled TerlI         0           Displacement         1106 d4 Tubo Charged Water Cooled TerlI         0           Battery outage / capacity         68:50 kW @ 2200 pm         395 km           Battery outage / capacity         12 V / 75 Ah         12 V / 75 Ah           Transmission brand         Cararo         4 / 4           Torque converter stall ratio         Cararo         4 / 4           Strice brack         Wet disc bracks         4 / 4           Torque converter stall ratio         Cararo         4 / 4           Number of gears (forward / reverse)         4 / 4         4           Strice brack         Wet disc bracks         4 / 4           Torque converter stall ratio         Cararo         4 / 4           Number of gears (forward / reverse)         4 / 4         4           Strice brack         Wet disc bracks         4 / 4           Maine life pressure         225 bar         1106 (201 min)           Lipid cooling tank volume         10 (10 min)         10 (10 min)           Lipid cooling tank volume         17.50 (1         10 (10 min)           Lipid coo	•	
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Max. torque       395 Nn         Battery outgage / capacity       12 / / 75 Ah         Transmission band       Cararo         Number of gears (forward / reverse)       4 / 4         Torque converter stall ratio       301:1         Service brake       Wet disc brakes         Hydraulico flow       14 / 4         Hydraulico flow       14 / 4         Main relief pressure       225 bar         Tansmission oil       14 / 1         Liquid cooling tank volume       90 1         Liquid cooling tank volume       16 1         Engine oil       90 1         Oil rearaxle       17.50 1         Brokhobe bucket       91.01         Width backobe bucket       892 mn         Loader standard capacity       892 mn         Width backobe bucket       892 mn         Loader standard capacity       892 mn         Width backobe bucket       892 mn         Loader standard capacity       182 min         Width backobe bucket       2235 sm         Miscellancous       182 min         Power steering       182 min         Front steer axle of oscillation 2WD       20 *	•	
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Number of gears (forward / reverse)       4 / 4         Torque converter stall ratio       3.01:1         Service brake       Wetdisc brakes         Hydraulics       Wetdisc brakes         Hydraulic flow       142 //min         Main relief pressure       225 bar         Tank capacities       225 bar         Hydraulic oil       90 l         Liquid cooling tank volume       90 l         Liquid cooling tank volume       16 l         Transmission oil       17.50 l         Engine oil       17.50 l         Dil rearake       17.50 l         Backhoe standard capacity       892 nm         Width backhoe bucket       892 nm         Loader standard capacity       223 star         Width backhoe bucket       892 nm         Loader standard capacity       1 m <sup>3</sup> Width backhoe bucket       20 star         Miscellaneous       1 m <sup>3</sup> Power stealing       Yes         Front steer axle of oscillation 2WD       20 star		
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Ain relief pressure     225 bar       Tank capacities     225 bar       Hydraulic oil     90 l       Liquid cooling tank volume     16 l       Fuel tank     145 l       Transmission oil     17.50 l       Engine oil     9,10 l       Oil rear axle     17.50 l       Backhoe standard capacity     0.24 m³       Width backhoe bucket     892 mm       Loader standard capacity     1 m³       Width lader bucket     2235 mm       Power steering     Yes       Front steer axle of oscillation 2WD     20 °		1101/
Tank capacitiesImage: constraint of the section of the s		
Hydraulic oil90 lLiquid cooling tank volume16 lFuel tank17.50 lTransmission oil17.50 lEngine oil9.00 lOil rear axle17.50 lBackhoe standard capacity1Width backhoe bucket9.00 lLoader standard capacity1Width loader bucket1Miscellaneous1Power steering1Front steer axle of oscillation 2WD20 °		225 bar
Jupid cooling tank volume16 lFuel tank16 lTransmission oil17.50 lEngine oil9.00 lDil rear axle17.50 lBackhoe standard capacity0Width backhoe bucket892 mmLoader standard capacity1 m³Width loader bucket2235 mmMiscellaneous12235 mmPower steering1Front steer axle of oscillation 2WD20 °		
Fuel tank       145 l         Transmission oil       17.50 l         Engine oil       9.00 l         Dil rear axle       17.50 l         Backhoe standard capacity       0.24 m³         Width backhoe bucket       892 mm         Loader standard capacity       1 m³         Width loader bucket       2235 mm         Miscellaneous       Yes         Power steering       Yes         Front steer axle of oscillation 2WD       20 °	·	
Transmission oil17.50 lEngine oil9.00 lOil rear axle17.50 lBucket0Backhoe standard capacity0Width backhoe bucket892 mmLoader standard capacity1 m³Width loader bucket2235 mmMiscellaneous2235 mmPower steering9Front steer axle of oscillation 2WD20°		
Engine oil       9.00 l         Dil rear axle       17.50 l         Bucket       0         Backhoe standard capacity       0.24 m³         Width backhoe bucket       892 mm         Loader standard capacity       1 m³         Width loader bucket       2235 mm         Miscellaneous       2235 mm         Power steering       1 Yes         Front steer axle of oscillation 2WD       20 °		
Direar axle     17.50 l       Bucket     0.24 m³       Backhoe standard capacity     892 mm       Width backhoe bucket     892 mm       Loader standard capacity     1 m³       Width loader bucket     2235 mm       Miscellaneous     1       Power steering     9       Front steer axle of oscillation 2WD     20 °		
Bucket     Image: Constraint of the standard capacity       Backhoe standard capacity     0.24 m³       Width backhoe bucket     892 mm       Loader standard capacity     1 m³       Width loader bucket     2235 mm       Miscellaneous     2235 mm       Power steering     1 Yes       Front steer axle of oscillation 2WD     20 °		
Backhoe standard capacity 0.24 m³ 0.24 m³ 892 mm 892 mm 100 100 100 100 100 100 100 100 100		17.501
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Loader standard capacity     1 m³       Width loader bucket     2235 mm       Miscellaneous     1       Power steering     1       Front steer axle of oscillation 2WD     20°		
Width loader bucker     2235 mm       Miscellaneous     200       Power steering     Yes       Front steer axle of oscillation 2WD     20°		
Miscellaneous     Yes       Power steering     Yes       Front steer axle of oscillation 2WD     20°		
Power steering Yes Front steer axle of oscillation 2WD 20 °		2235 mm
Front steer axle of oscillation 2WD 20 °		
	-	
Steering wheels (front / rear) 2 / 2		
	Steering wheels (front / rear)	2/2

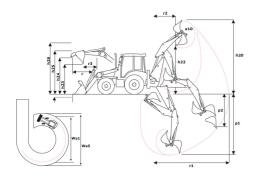
## Performance backhoe

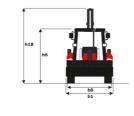
p1 - Max dig depth (mm)	ĺ.
r1 - Max reach ground level to slew center (mm)	
r2 - Max loading reach (mm)	
Max operating height (mm)	
Max loading height (mm)	
p2 - Max straight wall dig depth (mm)	
a10 - Max bucket rotation (°)	
Total side shift (mm)	
Dipper tearout (kgF)	
Bucket tearout (kgF)	
Hydraulic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

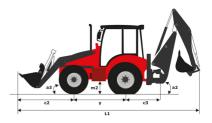
## Performance loader

	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









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