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.





Wheelbase 2 wheels drive 2185 mm Wheelbase 4 wheels drive 2130 mm Weight and dimensions 8 Whiled the weight with 4 WD 7620 kg Intaden weight with 4 WD 7 in 1 7620 kg Intaden weight 4WD - Side shift 11 7330 mm Werell leighth b1 2330 mm Werell width with stabilizers extended - Center mount only b1 2330 mm Werell height h6 2330 mm Werell height h6 2330 mm Werell height (reall with stabilizers extended - Center mount only) h6 2330 mm Werell height (reall with in conditioning (option) h6 2330 mm Werell height (reall with in conditioning (option) h6 2330 mm Werell height (reall with in conditioning (option) wa1 3350 mm Werell height (reall weight (re			
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1566 1566			2130 mm
Insident wing hit with 4 WD /r in insident wing hit with stabilizens extended. Center mount only 11 2330 mm receil width with stabilizens extended. Center mount only 66 2330 mm 2430 mm 2	Weight and dimensions		
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	nladen weight 4WD - Side shift		7620 kg
	verall length		
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	verall width with stabilizers extended - Center mount only		3910 mm
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Internal huming radius over bucket (unbraked) Wa5 5550 mm Internal huming radius over bucket (unbraked) 12.5 x 13 - 12 RP (16 x 28-12PR) Internal huming radius over bucket (unbraked) 12.5 x 13 - 12 RP (16 x 28-12PR) Internal huming radius over bucket (unbraked) 9 x 16 - 16 RP (1 4 x 25 - 20 PR) Unund clearance m4 280 mm enformances m4 280 mm enformances m4 5.40 km/h 6.60 km/h swel speed forward 1st / 2nd 5.40 km/h 6.60 km/h swel speed forward 2st / 4th 19.90 km/h / 40 km/h radius prince 4.40 km/h radius prince 4.40 km/h radius prince 4.40 km/h raging prince 4.41 trubo Charaged Water Cooled Tiser rax. spacity 1104C 44T trubo Charaged Water Cooled Tiser rax. capacity 12 V 75 Ah sammission 12 V 75 Ah sammission band Carrance sammission band Carrance sprince based 4 / 4 sprince based 4 / 4 sprince based 9 (2 km/h sprince based	xternal turning radius over tyres (braked)	Wa1	3850 mm
Intend tuming adus over bucket (unbaked) W5 5,700 mm Intendation (in term) 12,5 x 18 - 12 PR / 16 a y 28-12 PR ptional tyre (front / rear) 9 x 16 - 16 PR / 1 x x 25 - 20 PR put of declarance m4 280 mm actor (mindred) 5,40 km/h / 8.60 km/h revel speed forward 1st / 2nd 5,40 km/h / 40 km/h gine 190 km/h / 40 km/h nghe Perkins nghe 1104C 44T Turbo Charged Water Cooled Tier i.s., capacity 4,40 i.s., torque 83 Nm attentions (soin 12 V / 75 Ah attentions (soin 12 V / 75 Ah attentions (soin 12 V / 75 Ah attentions (soin 33 Nm attentions (branch 9 Ut disc brakes yet audition 12 V / 75 Ah attentions (branch 12 V / 75 Ah attentions (branch 9 Ut disc brakes yet audition 14 / 4 output (soin) 1	xternal turning radius over tyres (unbraked)	Wa1	4200 mm
12.5 x 18 - 12 PR / 16.9 x 28-12 PR 16.9 x 2	xternal turning radius over bucket (braked)	Wa5	5550 mm
pional tyre (front/ rear) m4 280 mm consequence forward 1st/ 2nd 5.40 km/h 8.60 km/h savel speed forward 1st/ 2nd 5.40 km/h 8.60 km/h savel speed forward 3rd / 4th 19.90 km/h / 40 km/h typing Perkins appine brand 1104 C44T turbuc Changed Water Cooled Ties Lax, capacity lax, capacity 68.50 km/@ 2200 rpm sax, torque 939 km anterty voltage / capacity 12 y 7.75 Ah antermission 12 y 7.75 Ah antermission brand Carrato unber of gears (forward / reverse) 4 / 4 outpec converter stall ratio 3.01:1 enrice bothe 142 l/min ydraulic flow 142 l/min stan et capacities 90 I ydraulic oil 90 I quid cooling tank volume 15 l use tank 15 l use tank 15 l use tank 9.01 l up and capacity 9.01 l nice reversely 9.24 m² inth backhoe bucket 9.23 m toth	xternal turning radius over bucket (unbraked)	Wa5	5700 mm
	tandard tires front / rear		12.5 x 18 - 12 PR / 16.9 x 28-12PR
sefomances 5.40 km/h / 8.60 km/h rawle speed forward 1st / 2nd 5.40 km/h / 8.60 km/h rawle speed forward 3st / 4th 1.90 km/h / 40 km/h nighte Perkins nighte model 1.104C 44T Turbo Charged Water Cooled Tierle fax. capacity 6.50 kW @ 200 rpm fax. korque 6.50 kW @ 200 rpm fax. korque 395 km ramsmission brand Carrang tumber of geast (forward / reverse) 4 / 4 queue converter stall ratio 3.011 wet disc brake Wet disc brakes tydraulic flow 142 l/min stain relief pressure 225 bar disc capacities 90 l tydraulic oil 90 l leul tank 145 l transmission oil 15 l use tanke 15 l use tanke 15 l videt tank 15 l use tanke 15 l	ptional tyre (front / rear)		9 x 16 - 16 PR / 14 x 25 - 20 PR
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 rapine 19.90 km/h / 40 km/h ngine brand Perkins ngine model 4.40 l dax. capacity 68.50 kW g 2200 rpm fax. torque 68.50 kW g 2200 rpm fax. torque 395 km sterby voltage / capacity 12 V / 75 Ah ransmission Carrano ransmission brand Carrano umber of gears (forward / reverse) 4 / 4 orque converter stall ratio 3.01:1 excise back Wet disc brakes bydraulic flow 142 l/min table relief pessure 2.25 bar ank capacities 90 l upduct colling tank volume 161 uel tank 145 l arransmission oil 90 l till car axie 15.01 uel tank 17.50 l uel tank 17.50 l uel tank 17.50 l uel tank 17.50 l uel tank	round clearance	m4	280 mm
ravel speed forward 3rd / 4th 19.90 km/h / 40 km/h ngine Perkins ngine brand Perkins ngine model 1104C 44T Turbo Charged Water Cooled Tier- fax. capacity 68.50 kW @ 2200 rpm fax. korque 395 km attery voltage / capacity 12 V / 75 Ah ransmission brand Cararo unber of gears (floward / reverse) 4 / 4 orque conveer stall ratio 3.01:1 evice brake Wet disc brakes ydraulics Wet disc brakes ydraulic flow 14.2 kmin dain relief pressure 225 bar ank capacities 90.1 spitalic flow 15.1 updated cooling tank volume 16.1 uel task 17.50 i ingine oil 9.10 i ingine oil 9.70 i <	erformances		
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ngine brand Perkins ngine model 1104C 44T Tubo Charged Water Cooled Tierlax. capacity tioss Power / Power 68.50 kW @ 2200 rpm fax. torque 395 km statery voltage / capacity 12 V / 75 Ah transmission brand Carraro tumber of gears (forward / reverse) 4 / 4 orque converter stall ratio 3.01:1 ence back Wet disc brakes tybraulics 142 l/min stain relief pressure 225 bar ank capacities 90 l update tank 145 l injudic coling tank volume 16 l uel tank 145 l ransmission oil 17.50 l nijne oil 9.10 l stil rear ake 17.50 l uektet 90 mm ackhoe standard capacity 0.24 m³ fidth backhoe bucket 99 mm acket standard capacity 235 mm fidth loader bucket 2235 mm fiscellaneous 6 ves	ravel speed forward 3rd / 4th		19.90 km/h / 40 km/h
Ingline model 1104C 44T Turbo Charged Water Cooled Tier-lax, capacity 4.40 I fax. torque 6.8.50 kW @ 2200 rpm fax. torque 395 km attery voltage / capacity 12 V / 75 Ah transmission brand Carraro lumber of gears (forward / reverse) 4 / 4 orque converter stall ratio 3.01:1 evice brake Wet disc brakes bydraulics Wet disc brakes bydraulic flow 142 Umin aint nelief pressure 225 bar aint capacities 90 I single flow volume 161 uet tank 145 I ransmission oil 17.50 I ransmission oil 17.50 I ransmission oil 17.50 I ransmission oil 9.10 I ril eve arkle 20 J ucket 30.0 I ucket 17.50 I ackhee standard capacity 20 J rildith backnee bucket 2235 mm discellanceus 1 m³ veet steering 9 C rot	ngine		
fax. capacity 4.40 I rioss Power / Power 68.50 kW @ 2200 rpm fax. torque 395 km lattery voltage / capacity 12 V / 75 Ah riansmission Carraro lumber of gears (forward / reverse) 4 / 4 orque converter stall ratio 3.01:1 evrice brake Wet disc brakes tydraulic flow 142 l/min stain relief pressure 225 bar ank capacities 90 I tydraulic oil 90 I tiquid cooling tank volume 16 I uet tank 17.50 I ransmission oil 17.50 I ingine oil 9, 10 I il rear axle 17.50 I uoket 82 mm ackhoe standard capacity 82 mm vidith backhoe bucket 82 mm vidith loader bucket 2235 mm vidite loader standard capacity 2235 mm vidite loader standard capacity 2235 mm vidite loader bucket 2235 mm	ingine brand		Perkins
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lattery voltage / capacity 12 V / 75 Ah transmission Carraro transmission brand 4 / 4 tongue converter stall ratio 3.01:1 envice brake Wet disc brakes hydraulic flow 142 l/min dain relief pressure 225 bar ank capacities 90 l liquid cooling tank volume 16 l uel tank 145 l ransmission oil 17.50 l noil noile 9.10 l lit era axie 17.50 l uocket 17.50 l tackboe standard capacity 0.24 m² loideb bucket 892 mm oader standard capacity 1 m² loidecel bucket 2235 mm loidecel bucket 2235 mm lower steering Yes tornt steer axie of oscillation 2 *	Gross Power / Power		68.50 kW @ 2200 rpm
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Cararo C	Battery voltage / capacity		12 V / 75 Ah
dumber of gears (forward / reverse) 4 / 4 corque converter stall ratio 3.01:1 bervice brake Wet disc brakes bydraulics 142 l/min bydraulic flow 225 bar ank capacities 90 l siguid cooling tank volume 16 l uel tank 145 l transmission oil 17.50 l ingine oil 9.10 l bil rear axle 17.50 l tackhoe standard capacity 0.24 m² vidith backhoe bucket 892 mm oader standard capacity 2235 mm vidith loader bucket 2235 mm listeellaneous Yes tower steering Yes tont steer axle of oscillation 2°	ransmission ()		
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dydraulic oil 90 l iquid cooling tank volume 16 l iquel tank 145 l iransmission oil 17.50 l ingine oil 9.10 l bil rear axle 17.50 l bucket 17.50 l bucket 892 mm oader standard capacity 9.24 m³ vidth backhoe bucket 892 mm oader standard capacity 1 m³ vidth loader bucket 2235 mm discellaneous Yes ower steering Yes ront steer axle of oscillation 2 °	Main relief pressure		225 bar
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ransmission oil 17.50 l ngine oil 9.10 l bil rear axle 17.50 l ucket 80 mm ackhoe standard capacity 892 mm oader standard capacity 1 m³ vidth loader bucket 2235 mm viscellaneous Yes ower steering Yes ront steer axle of oscillation 2 °	iquid cooling tank volume		16
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fiscellaneous fower steering fornt steer axle of oscillation 2235 mm Yes Yes 2 °			
discellaneous ower steering ront steer axle of oscillation Yes 2 *			
ower steering Yes ront steer axle of oscillation 2 °			
ront steer axle of oscillation 2 °			Yes

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)	

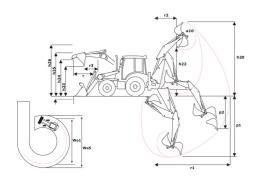
Standard dipper
4741
5730
1996
5626
3871
2602
194
1198
4336
5810
1460

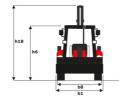
Performance loader

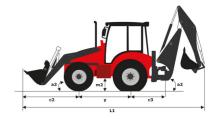
Max dump angle (°)	
h26 - Max operating height (loader version) (mm)	
h23 - Max dump height at 45° (mm)	
h24 - Max loadover height (mm)	
h25 - Max hinge pin height (mm)	
r3 - Max reach at full height 45° (mm)	
p3 - Below ground dig depth (mm)	
a13 - Rollback at ground (°)	
Shovel breakout (kgf)	
Arms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











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