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.





Microbians A wheels disto Wilchelboar A wheels wilch Wilchelboar A who Wilchelboar A		MBL-X 920 92P ST2 Created o	n August 12, 2025 at 11:14 PM L
Witherbase A wheele dow	Capacities		Metric
	Wheelbase 2 wheels drive		2185 mm
176.00 kg 176.	Wheelbase 4 wheels drive		2130 mm
Indication supplies with AVO Diract 17-200 kg 17	Weight and dimensions		
Midden weight with 4 Wo 7 in 1 midden weight 4WO 5 in 1 1 2330 mm 1700 kg 110 12330 mm 1700 kg 110 kg	Jnladen weight		7620 kg
Insidem weight AWD - Side shift 11 7,300 kg Inception weight AWD - Side shift 11 7,300 mm Inception weight AWD - Side shift 10 2,300 mm Leader and with shift and conditioning (option) 10* 2,300 mm Leader and the legist of cash with air conditioning (option) 10* 2,300 mm Authority and the legist of cash with air conditioning (option) 70* 370 mm Authority and the legist of cash with air conditioning (option) 70* 370 mm Authority and the conditioning (option) 70* 70* Authority and the conditioning (option) 70* 70* Authority and Conditioning (option) 70*<	Inladen weight with 4 WD		7620 kg
1 7330 mm 2000 mm	Inladen weight with 4 WD 7 in 1		7908 kg
New Ball width Note 1988	Jnladen weight 4WD - Side shift		7620 kg
Seal sheight Seal height	Overall length	l1	7330 mm
sales height h6 2.80 mm leigh of cas with air conditioning (option) h6** 2.800 mm seeal Inlight h17 3750 mm stemal turning radius over tyees (traked) Wa1 3850 mm stemal turning radius over bucket (braked) Wa5 5550 mm stemal turning radius over bucket (braked) Wa5 5700 mm standard tities front / rear 12.5 x 18 · 12.PR / 16.9 x 28 · 12PR 16.9 x 28 · 12PR ploop claim (yet (mr.) / rag) 9 x 16 · 15 PR / 16 x 28 · 22PR 17.5 PR / 16 x 28 · 22PR stood clearance m4 2 x 18 · 12 PR / 16 x 28 · 22PR 17.5 PR / 16 x 28 · 22PR stood clearance m4 2 x 18 · 12 PR / 16 x 28 · 22PR 18.5 X 28 · 22PR 18.5 X 28 · 22PR 19.5 X 2	Overall width	b1	2330 mm
	Overall width with stabilizers extended - Center mount only		3910 mm
Nevall helpith 1.17 3.79.0 mm 1.17 3.79.0	Cabin height	h6	2830 mm
Near 1 ming 1 min 1 mi	leight of cab with air conditioning (option)	h6**	2860 mm
xitemal luming radius over types (unbacked) Wa1 3830 mm xitemal luming radius over types (unbacked) Wa5 5550 mm xitemal luming radius over bucket (unbacked) Wa5 5550 mm xitemal luming radius over bucket (unbacked) Wa5 5550 mm xitemal luming radius over bucket (unbacked) Wa5 5550 mm pollonal lyer (front / rear) 12.5 x 18 - 12 Re / 16 x 28 - 12 Re pollonal lyer (front / rear) m4 280 mm verifications m4 280 mm real speed (roward 1x1/ 2nd 5.40 km/h / 8.60 km/h 190 km/h / 8.60 km/h real speed (roward 1x1/ 2nd m8 1104 c4 xT unb Charged Water Cooled Tierl sizes from / Power 68.50 Wp 2200 mm 68.50 Wp 2200 mm rowa	Overall height		3790 mm
xiternal tuning radius over bucket (unbasket) Wa1 4.200 mm xiternal tuning radius over bucket (unbasket) Wa5 5.550 mm xiternal tuning radius over bucket (unbasket) Wa5 5.550 mm xiternal tuning radius over bucket (unbasket) Wa5 5.550 mm tanded titer front / tear 9 x 15 - 10 RP / 14 x 26 12 PR pool pool (riving) 9 x 15 - 10 RP / 14 x 26 20 PR pool pool (riving) m4 280 mm pool pool (riving) m4 280 mm foreit speed forward 1st / 2nd 5.40 km/h / 8.60 km/h 19.90 km/ 140 km/h righe Perkins 19.90 km/ 140 km/h 19.90 km/ 140 km/h righe Perkins 19.90 km/ 140 km/h 19.90 km/ 140 km/h 19.90 km/h 140 km/h		Wa1	3850 mm
xitenal turning radius over bucket (mbraked) Wa5 5550 mm xitenal turning radius over bucket (mbraked) Wa5 5550 mm xitenal turning radius over bucket (mbraked) Ya5 5550 mm radiated titus front / war 12.5 x 18 - 12 PR / 16.9 x 28-12 PR plinoal by ref (mort / rear) w 20 turning radius over bucket (mbraked) m4 200 mm ward princal prin		Wa1	4200 mm
ixtend luming aduis over bucket (urbinked) Wa5 5,700 mm itandard tites front / near 12.5 x 18-12 FP/ 16.9 x 28-12PR ploop onla type (front / rear) 9x 16-16 FR / 16.4 x 25-20 FR bound clearance m4 280 mm river speed forward 1st / 2nd 5.40 km/h / 8.60 km/h ravel speed forward 1st / 2nd 1.99 km/h / 40 km/h ravel speed forward 1st / 2nd 1.99 km/h / 40 km/h rapine brand 9 rapine brand 1.00 km/h / 40 km/h lisplacement 4.40 trubo Chapped Water Cooled Tierl sixplacement 68.98 kw @ 200 pm six, torque 68.98 kw @ 200 pm six, torque 12 V / 75 Ah transmission brand 2 tall transmission brand 4 / 4 tumber of gears (floward / reverse) 4 / 4 type output converter stall ratio 9 territorial flow 1.42 l/min shall religion flow 1.42 l/min shall religion flow 9 shall religion flow 9 state capacities 9 state capacities <t< td=""><td></td><td>Wa5</td><td>5550 mm</td></t<>		Wa5	5550 mm
ixadeath lister front / rear 9 x 16 - 16 PR / 14 x 25 - 2PR Prightonal tyee (front / leas) 9 x 16 - 16 PR / 14 x 25 - 2PR Prightonal tyee (front / leas) 9 x 16 - 16 PR / 14 x 25 - 2PR Prightonal tyee (front / leas) 9 x 16 - 16 PR / 14 x 25 - 2PR Prightonal tyee (front / leas) 280 mm 280 m		Wa5	5700 mm
			12.5 x 18 - 12 PR / 16.9 x 28-12PR
Stand clearance m4	Optional tyre (front / rear)		9 x 16 - 16 PR / 14 x 25 - 20 PR
five la speed forward 1st / 2nd 5.40 km/h / 8.60 km/h fravel speed forward 3rd / 4th 19.90 km/h / 40 km/h fingine 19.90 km/h / 40 km/h fingine brand Perkins fingine brand 1104C 44T Turbor Changed Water Cooled Tierl 1 (April 1) (April 1) (April 2) (m4	280 mm
Tarsel speed forward 3rd / 4th 19.90 km/h / 40 km/h Engine Perkins Engine brand Perkins Engine model 1104C 44T Turbo Charged Water Cooled Tierle Jisplacement 68.50 kW @ 2200 pm Max. torque 395 km Statery voltage / capacity 395 km Fransmission brand Carrato Fransmission brand 4 / 4 Foreverse stall ratio 3.01:1 Service brake Wet disc brakes Vydraulics Wet disc brakes Vydraulics Wet disc brakes Vydraulic flow 225 bar ank capacities 225 bar view lank volume 161 include cooling tank volume 17.50 i ingine oil 17.50 i ingine oil 9.10 i ingine oil 9.10 i ingine oil 9.10 i ingine oil 9.20 mm ingine oil 9.20 mm ingine oil 9.20 mm ingine oil 9.22 mm ingine oil 9.22 mm	Performances		
Tarsel speed forward 3rd / 4th 19.90 km/h / 40 km/h Engine Perkins Engine brand Perkins Engine model 1104C 44T Turbo Charged Water Cooled Tierle Jisplacement 68.50 kW @ 2200 pm Max. torque 395 km Statery voltage / capacity 395 km Fransmission brand Carrato Fransmission brand 4 / 4 Foreverse stall ratio 3.01:1 Service brake Wet disc brakes Vydraulics Wet disc brakes Vydraulics Wet disc brakes Vydraulic flow 225 bar ank capacities 225 bar view lank volume 161 include cooling tank volume 17.50 i ingine oil 17.50 i ingine oil 9.10 i ingine oil 9.10 i ingine oil 9.10 i ingine oil 9.20 mm ingine oil 9.20 mm ingine oil 9.20 mm ingine oil 9.22 mm ingine oil 9.22 mm	Fravel speed forward 1st / 2nd		5.40 km/h / 8.60 km/h
Perkins Per			19.90 km/h / 40 km/h
ingine brand Perkins 1104C 44T Turbo Charged Water Cooled Tier-I Spisplacement 1104C 44T Turbo Charged Water Cooled Tier-I Spisplac			
A.40			Perkins
Gross Power / Power 68.50 kW @ 2200 pm Max. torque 395 km Satety yoltage / capacity 12 V 75 Ah Fransmission brand Carrano Vumber of gears (forward / reverse) 4 / 4 Groupe converte stall ratio 3.01:1 Service brake Wet disc brakes Vydraulic flow 142 l/min Wain relief pressure 225 bar Fork capacities 90 l Lydraulic oil 90 l Lydraulic oil 90 l Lydraulic oil 91 l Lipid cooling tank volume 15 l Lipid cooling tank volume 15 l Lipid cooling tank volume 91 l Lipid cooling tank volume 91 l Lipid cooling tank volume 17.50 l Lipid cooling tank volume 91 l Lipid cooling tank volume 91 l Lipid cooling tank vol	Engine model	110	4C 44T Turbo Charged Water Cooled Tier-II
Max. torque 395 Nm Satery voltage / capacity 12 V / 75 Ah Transmission Cararo Number of gears (forward / reverse) 4 / 4 Congue conveter stall ratio 3.01:1 Service brake Wet disc brakes Hydraulic flow 142 l/min Main relief pressure 255 bar Forak capacities 90 l Hydraulic oil 90 l Liquid cooling tank volume 16 l Liquid cooling tank volume 17.50 l Lingine oil 9.10 l Dil rear axle 17.50 l Bucket 9.10 l Sackhoe standard capacity 0.24 m² Width backhoe bucket 892 mm Loader standard capacity 1 m² Width backhoe bucket 2235 mm Loader standard capacity 1 m² Width backhoe bucket 2235 mm Loader standard capacity 1 m² Width backhoe bucket 2235 mm Loader standard capacity 1 m² Width capacity 2 m²	Displacement		4.40
Battery voltage / capacity 12 V / 75 Ah Fransmission Carraro Number of gears (forward / reverse) 4 / 4 Forque converter stall ratio 3.01:1 Service brake Wet disc brakes Hydraulic flow 142 I/min Main relief pressure 225 bar Fank capacities 90 I Hydraulic oll 90 I Liquid cooling tank volume 16 I Fuel tank 145 I Fransmission oil 17.50 I Segine oil 9.10 I Jif rear axle 17.50 I Backhoe standard capacity 0.24 m² Width backhoe bucket 882 nm Loader standard capacity 1 m² Width discellaneous 2235 mm Width seed bucket 2235 mm Fower steering Yes Form t steer axle of oscillation 2WD 20 *	Gross Power / Power		68.50 kW @ 2200 rpm
Fransmission brand Carraro Number of gears (forward / reverse) 4 / 4 Origone conveter stall ratio 3.01-1 Service brake Wet disc brakes Hydraulics Wet disc brakes Hydraulic flow 142 l/min Admin relief pressure 225 bar And capacities 90 l Hydraulic oil 90 l Liquid coling tank volume 16 l Evel tank 145 l Erransmission oil 17.50 l Engline oil 9.10 l Engline oil 9.10 l Engline oil 9.10 l Engline oil 9.10 l Engline oil 9.24 m² Width backhoe bucket 892 mm Loader standard capacity 1 m³ Width loader bucket 2235 mm Width scellaneous 20 c Fower steering Yes Form it steer axle of oscillation 2WD 20 °	Max. torque		395 Nm
Transmission brand Carraro Number of gears (forward / reverse) 4 / 4 Torque converter stall ratio 3.01:1 Service brake Wet disc brakes Hydraulic flow 142 //min Main relief pressure 225 bar Tank capacities 90 I Liquid cooling tank volume 16 I Liquid cooling tank volume 17.50 I Liengine oil 17.50 I Coil rear axle 17.50 I Backhoe standard capacity 0.24 m³ Width backhoe bucket 892 mm Loader standard capacity 1 m³ Width loader bucket 2235 mm Width loader bucket 2235 mm Front steering Yes Front steer axle of oscillation 2WD 20 °	Battery voltage / capacity		12 V / 75 Ah
Aumber of gears (forward / reverse) 4 / 4 Forque converter stall ratio 3.01:1 Service brake Wet disc brakes Hydraulics flow 142 l/min Main relief pressure 225 bar Fank capacities 90 l Hydraulic oil 16 l Liquid cooling tank volume 145 l Fransmission oil 17.50 l Engine oil 9.10 l Stocket 17.50 l Backhoe standard capacity 0.24 m³ Width backhoe bucket 892 mm Loader standard capacity 1 m³ Width loader bucket 2235 mm Fower steering Yes Fornt steer axle of oscillation 2WD 10 °	Transmission		
Forque convertes stall ratio 3.01:1 Service brake Wet disc brakes Hydraulic flow 142 l/min Admin relief pressure 225 bar Adviruilic cil 90 l Liquid cooling tank volume 16 l Liquid stank volume 17.50 l Forgine cil 9.10 l Soli rear axle 9.10 l Soli rear axle 17.50 l Solackt 9.10 l Solackt 9.24 m³ Solack standard capacity 0.24 m³ Width loack hoe bucket 892 mm Loader standard capacity 1 m³ Width loader bucket 225 mm Width loader bucket 225 mm Vest cellaneous Yes Power steering Yes Fornt steer axle of oscillation 2WD 20 °	Fransmission brand		Саггаго
Service brake Wet disc brakes Hydraulics 142 l/min Water left pressure 225 bar Frank Capacities 90 l Hydraulic oil 90 l Liquid cooling tank volume 16 l Fuel tank 155 l reasmission oil 17.50 l colin ear axle 9.10 l Backhoe standard capacity 0.24 m³ Width backhoe bucket 892 mm Loader standard capacity 1 m³ Width loader bucket 2235 mm Width loader bucket 2235 mm Over steering Yes Forms steering 7 yes Forms steer axle of oscillation 2WD 20 °*	Number of gears (forward / reverse)		4 / 4
Advanulics 142 I/min Advanulic flow 142 I/min Advanulic flow 225 bar Each Capacities 90 I Advanulic oil 90 I Liquid cooling tank volume 16 I Circul tank 145 I Englise oil 17.50 I Englise oil 9.10 I Did rear ax le 17.50 I Backhoe standard capacity 0.24 m² Width backhoe bucket 892 mm oader standard capacity 1 m³ Width loader bucket 2235 mm Wiscellaneous Yes Fower steering Yes Error to steer axle of oscillation 2WD 20 °	Forque converter stall ratio		3.01:1
Add in relief pressure 225 bar Fank capacities 90 l Add in relief pressure 90 l Add coling tank volume 16 l Equal tank 145 l Equal tank 17.50 l Engine oil 9.10 l Dil rear axle 17.50 l Backhoe standard capacity 0.24 m³ Width backhoe bucket 892 mm width loader bucket 2235 mm Width loader bucket 2235 mm Wiscellaneous Yes Fower steering Yes For not steer axle of oscillation 2WD 20 °	Service brake		Wet disc brakes
Adain relief pressure 225 bar Fank capacities 90 l Adjustic coil 90 l Liquid cooling tank volume 16 l Fuel tank 145 l Fransmission coil 9.10 l Engine coil 9.10 l Sil 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 Width loader bucket 2235 mm Width loader bucket 2235 mm	lydraulics		
Fank capacities 90 l dydraulic oil 90 l diguid cooling tank volume 16 l Euclitank 145 l Fransmission oil 17.50 l Engine oil 9.10 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 Wiscellaneous Yes Front steer axle of oscillation 2WD 20 °	lydraulic flow		142 l/min
Aydraulic oil 90 l Liquid cooling tank volume 16 l Eucli tank 145 l Fransmission oil 17.50 l Engine oil 9.10 l Dil rear axle 17.50 l Backhoe 17.50 l Backhoe standard capacity 0.24 m³ Width backhoe bucket 892 mm Loader standard capacity 1 m³ Width loader bucket 2235 mm Wiscellaneous Yes Front steer axle of oscillation 2WD 20 °	Main relief pressure		225 bar
Ciquid cooling tank volume	Tank capacities		
Fuel tank 145 I Fransmission oil 17.50 I Engine oil 9.10 I Dil rear axle 17.50 I Backhoe standard capacity 0.24 m³ Width backhoe bucket 892 mm Loader standard capacity 1 m³ Width loader bucket 2235 mm Wiscellaneous Yes Fornt steer axle of oscillation 2WD 20 °	lydraulic oil		90 I
Fransmission oil 17.50 I Engine oil 9.10 I Dil rear axle 17.50 I Bucket 80 Backhoe standard capacity 0.24 m³ Width backhoe bucket 892 mm Loader standard capacity 1 m³ Width loader bucket 2235 mm Wiscellaneous Yes Front steer axle of oscillation 2WD 20 °	iquid cooling tank volume		16 I
Engine oil 9.10 I Dil rear axle 17.50 I Bucket 30.24 m³ Backhoe standard capacity 0.24 m³ Width backhoe bucket 892 mm Loader standard capacity 1 m³ Width loader bucket 2235 mm Wiscellaneous Yes Front steer axle of oscillation 2WD 20 °	uel tank		145 I
Engine oil 9.10 I Dil rear axle 17.50 I Bucket 30.24 m² Backhoe standard capacity 0.24 m² Width backhoe bucket 892 mm Loader standard capacity 1 m³ Width loader bucket 2235 mm Wiscellaneous Yes Front steer axle of oscillation 2WD 20 °	Fransmission oil		
Dil rear axle 17.50 l Bucket 0.24 m³ Backhoe standard capacity 0.24 m³ Width backhoe bucket 892 mm Loader standard capacity 1 m³ Width loader bucket 2235 mm Wiscellaneous Yes Front steer axle of oscillation 2WD 20 °	Engine oil		
Sucket Sackhoe standard capacity Vidth backhoe bucket Loader standard capacity Vidth loader bucket Vidth loader bucket Viscellaneous Power steering Front steer axle of oscillation 2WD Control Steer axle of oscillation 2WD	•		
Width backhoe bucket 892 mm Loader standard capacity 1 m³ Width loader bucket 2235 mm Wiscellaneous Power steering Yes Front steer axle of oscillation 2WD 20°			
Width backhoe bucket 892 mm Loader standard capacity 1 m³ Vidth loader bucket 2235 mm Viscellaneous Vower steering Yes Front steer axle of oscillation 2WD 200°	Backhoe standard capacity		0.24 m³
2035 mm Width loader bucket 2235 mm Wiscellaneous Power steering Front steer axle of oscillation 2WD 20 1 m³ 2235 mm Yes 20 °			
Width loader bucket Miscellaneous Power steering Front steer axle of oscillation 2WD 2235 mm Yes Yes 20 °			
Wiscellaneous Power steering Front steer axle of oscillation 2WD Yes 20 °			
Power steering Yes Front steer axle of oscillation 2WD 20 °			
Front steer axle of oscillation 2WD 20 °			Yes
	Steering wheels (front / rear)		2/2

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)

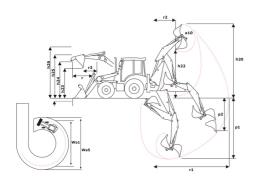
Standard dipper
4741
5730
1996
5626
3871
2602
194
1198
4336
5810
1460
1460

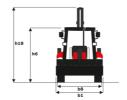
Performance loader

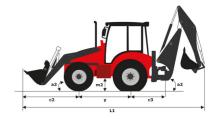
Max dump angle (°)	
h26 - Max operating height (loader version) (mm)	
h23 - Max dump height at 45° (mm)	
h24 - Max loadover height (mm)	
h25 - Max hinge pin height (mm)	
r3 - Max reach at full height 45° (mm)	
p3 - Below ground dig depth (mm)	
a13 - Rollback at ground (°)	
Shovel breakout (kqf)	
(3 /	
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



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