Technical sheet:

# MBL-X 920 94P ST3

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.





Concention         Month           Wineblance 2 - Michael fining         2136 mm           Wineblance 3 - Minesting fining         2130 mm           Wineblance 2 - Minesting fining         2130 mm           Wineblance 1 Minesting         1750 bg           Unbacker weight with 4 MV         1752 bg           Unbacker weight with 4 MV 70 mi         11           Overall width         01         2330 mm           Overall width         01         2330 mm           Overall width will stabilize so retended - Center mount only         66         2330 mm           Cabil height         66         2330 mm           Fall height of call while stabilizes so retended - Center mount only         66         2330 mm           Cabil height in the stabilizes so retended - Center mount only         66         2330 mm           Element tuming and use over types (Inplaced)         817         3700 mm           Element tuming and use over types (Inplaced)         Win         3300 mm           Element tuming and use over types (Inplaced)         Win         3500 mm           Element tuming and use over types (Inplaced)         Win         3500 mm           Element tuming and use over types (Inplaced)         Win         3500 mm           Element tuming and use over types (Inplaced)		мвь-х 920 94Р sтз Created on July 28, 2025 at 2:30 AM
Weedlight and inference         213 mm           Unifoldin winght         4         2730 mg           Unifoldin winght with 4W0         10         7740 kg           Unifoldin winght with 4W0 7 in         11         3730 mg           Owenll bright         11         3230 mm           Owenll with with sublicies steaded-Centermount only         6         2330 mm           Cabin hopid         6         2330 mm           Child hopid read with a conditioning (pation)         86         2330 mm           Owenll with with a conditioning (pation)         86         2320 mm           Child hopid         87         2370 mm           Chain hopid         90         2320 mm           Chain hopid         90         2320 mm           Cheated turning adulu owerly see (locked)         90         352 mm           Element turning adulu owerly see (locked)         90         352 mm           Element turning adulu owerly see (locked)         90         352 mm           Element turning adulu owerly see (locked)         90         352 mm           Element turning adulu owerly see (locked)         90         352 mm           Element turning adulu owerly see (locked)         90         352 mm           Element turning adulu owerly see (locked) <th>Capacities</th> <th>Metric</th>	Capacities	Metric
Workstand informations	Wheelbase 2 wheels drive	2185 mm
Workstand informations	Wheelbase 4 wheels drive	2130 mm
Unlades weight with 4 WP   722 Kg   7	Weight and dimensions	
Uniform equiph with A WD   11		7620 kg
Unladen weight with 4 WD 7 in 1         11         730 mm           Ownall width         b1         2300 mm           Ownall width the balkers extended - Center mount only         3910 mm           Chils neight         h8         2400 mm           Chils neight         h8         2400 mm           Chall neight         h8         2400 mm           Chell neight         h17         3780 mm           Ownall which the shall are conditioning (option)         wa1         3350 mm           External turning and work bytes (tobaced)         wa1         4300 mm           External turning and work bytes (tobaced)         wa5         550 mm           Standard little front / rear         22         22         220 mm           Reach at strewlling         c2         2800 mm         125 t 18 t 28P /1 ks 9 x82 PV           Beach at travelling         c2         200 mm		
Owaral length         11         7330 mm           Owaral width         b1         2330 mm           Owaral width widt stabilizes extended - Center mount only         3110 mm           Cabia healpit         h6         2430 mm           Overall width widt stabilizes extended - Center mount only         h6         2430 mm           Cabia healpit         h6         2430 mm           Overall healpit         h6         2430 mm           Cettamb Intring and cover tyres (torked)         Wa1         330 mm           External turning and cover tyres (torked)         Wa1         4200 mm           External turning and cover toxelect (torked)         Wa5         5550 mm           External turning and cover toxelect (torked)         Wa5         5550 mm           External turning and cover toxelect (torked)         Wa5         5500 mm           Standed dires front Area         6         9 x 16 - 16 PK 14 x 25- 20PK           Oplional tyre (tront / real)         6         2         209 mm           Rear anic center to slave center         6         2         209 mm           Departur angle         6         2         209 mm           Rear anic center to slave center         6         2         209 mm           Rear anic center to slave center<	•	
Owall width with stabilizes extended - Center mount only         3310 mm           Cablin height         h6         2330 mm           Cablin height         h6         2330 mm           Height of cab with sir conditioning (option)         h6         2330 mm           External haring addus over tyes (braked)         Wa1         3850 mm           External haring addus over tyes (braked)         Wa1         4200 mm           External haring addus over brokel (braked)         Wa5         5550 mm           External haring addus over brokel (braked)         Wa5         5550 mm           Standard little front / near         Wa5         5700 mm           Standard little front / near         \$2         \$2 to 15 to 17 to 18 v 22 to 20 kg           Standard little front / near         \$2         20 to 15 to 17 to 18 v 22 to 20 kg           Standard little front / near         \$2         20 to 18 to 18 v 17 to 18 v 22 to 20 kg           Standard little front / near         \$2         20 to 18 to 18 v 17 to 18 v 22 to 20 kg           Standard little front / near         \$2         20 to 18 to 18 v 18		
Overall width with stabilities restroated - Center mount only         3910 mm           Calish height of cab with air conditioning (option)         b.6         2330 mm           Height of cab with air conditioning (option)         b.6*         2350 mm           Letterall burning radius over tyres ((unbacked)         Wal         3350 mm           External turning radius over tyres ((unbacked)         Wal         4200 mm           External turning radius over broket (chraked)         Wal         5550 mm           External turning radius over broket (inbacked)         Wal         5700 mm           External turning radius over broket (inbacked)         Wal         12.5 x 18.1 x 12.7 km 17.6 x 28.12 km           External turning radius over broket (inbacked)         Wal         5.700 mm           Suitandia divers front / reary         9 x 16.1 km 16 x 28.0 km         9 x 16.1 km 16 x 28.0 km           Suitandia divers front / reary         6         2 200 mm         9 x 16.1 km 16 x 28.0 km         12.2 x 18.1 x 12.7 km 17 km 2.2 x 10.0 km         12.2 x 18.1 x 12.7 km 17 km 2.2 x 10.0 km         12.2 x 18.1 x 12.7 km 17 km 2.2 x 10.0 km         12.2 x 18.1 x 12.7 km 17 km 2.2 x 10.0 km         12.2 x 18.1 x 12.7 km 17 km 2.2 x 10.0 km         12.2 x 18.1 x 12.7 km 17 km 2.2 x 10.0 km         12.2 x 18.1 x 12.7 km 17 km 2.2 x 10.0 km         12.2 x 18.1 x 12.7 km 17 km 2.2 x 10.0 km         12.2 x 18.1 x 12.7 km 17 km 2.2 x 10.0 km         12.2 x 18.1 x 12		
Cabin height         h6         2830 mm           Height of Cab with air conditioning (option)         16***         2830 mm           Oresul height         1h7         3790 mm           External tunning andius over tyres (tobased)         Wa1         2850 mm           External tunning andius over tyres (tobased)         Wa5         5550 mm           External tunning andius over bucket (torked)         Wa5         5550 mm           External tunning andius over bucket (torked)         Wa5         57500 mm           Standard tiss front / rear         Wa5         57500 mm           Standard tiss front / rear         2         12.8 x 18 - 12.8 r 16 x 2.80 x 20 x		
Height of cab with air conditioning (option)         h6***         2850 mm           Decimal height         h17         3790 mm           External tuming radius over tyee (braked)         Wa1         3850 mm           External tuming radius over tyee (unbraked)         Wa5         5550 mm           External tuming adus over bucket (unbraked)         Wa5         5550 mm           External tuming adus over bucket (unbraked)         Wa5         5700 mm           Standard times front / rear         12 x 18 - 12 x 16 x		
Demail height    1.17   3.790 mm   1.17   3.79	•	
Eteman luming radius over types (umbraked)         Wal 1 4200 mm           External luming radius over bucket (umbraked)         Wal 1 4200 mm           External luming radius over bucket (umbraked)         Wal 5 550 mm           External luming radius over bucket (umbraked)         Wal 5 5700 mm           Shandard dires front / rar         11.5 x 18 x 12 k 7 1.6 x 2.8 12P 100 for 2.2 5 20PR 200 for		
External turning radius over brocket (braked)         Wal 1         4200 mm           External turning radius over bocket (braked)         Wal 5         5550 mm           External turning radius over bocket (mbrked)         Wal 5         5550 mm           External turning radius over bocket (mbrked)         Wal 5         5550 mm           Slandard liter front / rear         9 x 16 - 16 RP / 14 x 28 - 12P R         9 x 16 - 16 RP / 14 x 28 - 12P R           Opportung from the fire front / rear         2 2         2 20 mm           Reach at travelling         a 2         2 20 mm           Departure angle         a 2         2 20 mm           Engline         a 3         6 6 s           Ground clearance         m4         280 mm           Performances         m4         280 mm           Travel speed forward 1st / 2nd         5.4 km/h / 8.0 km/h         19.0 km/h / 40 km/h           Engine         Performance         19.0 km/h / 40 km/h         19.0 km/h / 40 km/h           Engine brand         10.00 44T trutho Chapped Water Code         7 k km/g 220 mm           England         2         7 k km/g 220 mm           Ring began (forward 2 reverse)         2         2 km/g 220 mm           Transmission brand         2         2 km/g 220 mm         2 km/g 220 mm		
Eteman luming radius over bucket (baked)         Wa5         5550 mm           Eteman luming radius over bucket (baked)         Wa5         5500 mm           Standard Inter front / rear         112.5 x 18 - 12 PR / 16 9 x 28-12P         9 x 16 - 16 PR / 14 x 25 - 20 PR Reach at travelling         c2         2098 mm           Rear and center to siew center         c3         1233 mm         Departure angle         a2         20 ° 1         Angle of Approach         a3         66 ° 6         60 count of clearance         m4         280 mm         PREMISTRATION (ARCHAULT)         \$6.0 km/h         \$6.0 km/h </td <td></td> <td></td>		
External muling radius over bucket (ubraked)         W85         \$700 mm           Standard tires front / rear         12.5 x 18 - 12 FR/ 16 y 2.8 1 PR/ 16		
Standard tires front / rear   12.5 x 18 - 12 PR / 16.9 x 28 - 12P		
Optional tyre (front / rear)         9 x 16-16 FR/.14 x 25-20 PR           Reach at twelling         c2         2098 mm           Reach at twelling         c3         1293 mm           Departure angle         a2         20°         20°           Angle of Approach         a3         66°         66°         66°         670 mm         280 mm		
Reach at travelling         c2         2098 mm           Rear atte center to siew center         c3         1293 mm           Departure angle         a2         20°           Angle of Approach         m4         280 mm           Performatines         m4         280 mm           Priformatines         5.40 km/h / 8.60 km/h         19.90 km/h / 4.60 km/h           Travel speed forward 1st / 2nd         5.40 km/h / 4.60 km/h         19.90 km/h / 4.00 km/h           Engine         Bander forward 3rd / 4th         19.90 km/h / 4.00 km/h         19.90 km/h / 4.00 km/h           Engine         Bander forward 3rd / 4th         19.90 km/h / 4.00 km/h         19.90 km/h / 4.00 km/h           Engine brand         11.04 44T Tubo Charged Water Cooler         11.04 44T Tubo Charged Water Cooler         7.00 km/g 2200 pm           Max. Lorque         395 km         395 km         395 km           Batter voltage / capacity         7.00 km/g 2200 pm         7.00 km/g 2200 pm           Transmission brand         Carraro         12.17 5 Ah         7.00 km/g 2200 pm           Transmission brand         Carraro         3.01 1         3.01 1         3.01 1         3.01 1         3.01 1         3.01 1         3.01 1         3.01 1         3.01 1         3.01 1         3.01 1         3.01 1 <td></td> <td></td>		
Rear axle center to slew center         c3         1293 mm           Departure angle         a2         20°           Angle of Approach         a3         66°           Gound clearance         m4         280 mm           Performances         9         1970 mm           Travel speed forward 1st / 2nd         \$.40 km/h / 8.60 km/h         19.90 km/h / 40 km/h           Travel speed forward 1st / 2nd         \$.40 km/h / 8.60 km/h         19.90 km/h / 40 km/h           Engine         6         6         6           Engine brand         11040 44T trubo Changed Water Coaled         70 kW@ 2200 pm         4.01		
Departure angle         a2         20 °           Angle of Approach         a3         66 °           Cound clearance         m4         280 mm           Porfeases	Reach at travelling	
Angle of Approach Ground clearance Round clearance Round clearance Round clearance Round sind / 4h Ravel speed forward sind / 4th Ravel speed forward sind / 4th Round Sind Mark (Sind Kind) / 40 Kind) Round Sind Round Sind / 4th Round Sind Round Sind / 4th Round Sind Round Sind / 4th Round Sind Ro	Rear axle center to slew center	c3 1293 mm
Ground clearance         m4         280 mm           Performances         5.40 km/h / 8.60 km/h           Travel speed forward 3rd / 4th         5.40 km/h / 8.60 km/h           Engine         19.90 km/h / 40 km/h           Engine brand         Perkins           Engine model         1104D 44T Tubo Charged Water Cooled           Displacement         4.40 l           Gross Power / Power         70 kW@ 2200 pm           Max. Torque         395 Nm           Battery voltage / capacity         12 V / 75 Ah           Transmission brand         Carrano           Number of gears (floward / reverse)         4 / 4           Toque converter stall ratio         3.01:1           Service brake         Wet disc brakes           Hydraulic flow         142 l/min           Main relief pressure         225 bar           Tank capacities         90 l           Hydraulic oil         90 l           Liquid coili qual volume         161 r           Fuel tank         145 l           Transsission oil         9,10 l           Oil rear avie         9,10 l           Bicket         90 l           Oil rear avie         9,10 l           Oil rear avie         9,10 l	Departure angle	a2 20 °
Performances         5.40 km/h / 8.60 km/h           Tarvel speed forward 3rd / 4th         5.40 km/h / 8.60 km/h           Engine         19.90 km/h / 40 km/h           Engine brand         Perkins           Engine brand         11040 44T Turbo Charged Water Cooled           Engine model         70 kWg 2200 pm           Gross Power / Power         70 kWg 2200 pm           Max. torque         335 Nm           Battery voltage / capacity         12 V / 75 Ah           Transmission         Carraro           Number of gears (forward / reverse)         4 / 4           Torque convener stall ratio         3.01:1           Service brake         Wet disc brakes           Hydraulice         142 l/min           Hydraulice flow         142 l/min           Hydraulice flow         90 I           Liquid cooling tank volume         16 I           Fuel tank         145 I           Transmission oil         9.10 I           Fuglia         9.10 I           Oil sear axle         9.10 I           Buckbee standard capacity         9.02 m²           Width backhoe bucket         892 mm           Loader standard capacity         9.02 m²           Width backboe bucket         2235 m	Angle of Approach	a3 66 °
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         19.90 km/h / 40 km/h           Engine brand         Perkins           Engine model         1104D 44T Turbo Charged Water Cooled           Displacement         4.40 I           Gross Power / Power         70 kW @ 2200 rpm           Max. torque         395 km           Battery voltage / capacity         12 V / 75 Ah           Transmission brand         Carraro           Number of gears (forward / revese)         4 / 4           Torque converte stall ratio         3.01:1           Service brake         Wet disc brakes           Hydraulics         Wet disc brakes           Hydraulics         4 14 ½ l/min           Hydraulic oil         9.01           Liquid cooling tank volume         16 I           Fuel tank         145 I           Transmission oil         9.01           Engine oil         9.10 I           Oil rear axle         9.10 I           Util backhoe bucket         892 mm           Loaders standard capacity         1 m²           Width loader bucket         2225 mm	Ground clearance	m4 280 mm
Travel speed forward 3rd / 4th         19.90 km/h / 40 km/h           Engine         Perkins           Engine model         1104D 44T Turbo Charged Water Cooler           Displacement         70 kW@ 2200 rpm           Goss Power / Power         70 kW@ 2200 rpm           Max. torque         395 Nm           Battery voltage / capacity         12 V / 75 Ah           Transmission         Carraro           Number of gears (forward / reverse)         4 / 4           Torque converte stall ratio         3.01:1           Service brake         Wet disc brakes           Hydraulic flow         142 //min           Main relief pressure         225 /min           Tonk capacities         90!           Hydraulic oil         90!           Liquid cooling tank volume         16!           Fuel tank         145!           Transmission oil         9.01           Oil rear axle         9.010           Oil rear axle         9.010           Width backhoe bucket         892 mm           Loader standard capacity         40.24 m²           Width loader bucket         2225 mm	Performances	
Engine         Perkins           Engine brand         Perkins           Engine brande         1104D 44T Tutho Charged Water Cooled           Displacement         4.401           Gross Power / Power         70 kW @ 2200 rpm           Max. torque         395 km           Battery voltage / capacity         12 V / 75 Ah           Transmission         Carario           Number of gears (floward / reverse)         4,74           Torque converter stall ratio         3.01.1           Service brake         Wet disc brakes           Hydraulic flow         142 l/min           Main relief pressure         225 bar           Tank capacities         90 l           Hydraulic oil         90 l           Liquid cooling tank volume         16 l           Eugle lank         145 l           Transmission oil         17,50 l           Engine oil         9,10 l           Dil rear axle         9,10 l           Bucket         88 ckhoe standard capacity         9,24 m²           Width backhoe bucket         892 mm           Loader standard capacity         1 m²           Width loader bucket         2235 mm	Travel speed forward 1st / 2nd	5.40 km/h / 8.60 km/h
Engine brand         Perkins           Engine model         1104D 44T Turbo Charged Water Cooled           Displacement         70 ktw @ 2200 rpm           Max. torque         395 km           Battery voltage / capacity         12 V 75 Ah           Transmission brand         Carario           Number of gears (forward / reverse)         4 / 4           Torque converter stall ratio         3.01.1           Service brake         Wet disorbakes           Hydraulics         Wet disorbakes           Hydraulic flow         25 bar           Main rulef pressure         25 bar           Trank capacities         90 I           Hydraulic oil         90 I           Liquid cooling tank volume         16 I           Liquid cooling tank volume         16 I           Treal stank         17.50 I           Engine oil         17.50 I           Engine oil         9.10 I           Oil rear axle         17.50 I           Bocket         89 mm           Backhoe standard capacity         892 mm           Width loader bucket         1 m³           Width loader bucket         2235 mm	Travel speed forward 3rd / 4th	19.90 km/h / 40 km/h
Engine model         1104D 44T Turbo Charged Water Cooled           Displacement         4.40 I           Gross Power / Power         70 kW@ 2200 rpm           Max. torque         395 km           Battery voltage / capacity         12 V / 75 Ah           Transmission         Carraro           Number of gears (forward / reverse)         4 / 4           Torque converter stall ratio         3.01:1           Service brake         Wet disc brakes           Hydraulic flow         142 l/min           Main relief pressure         225 bar           Trank capacities         90 I           Hydraulic oil         90 I           Liquid cooling tank volume         16 I           Fuel tank         145 I           Transmission oil         17.50 I           Engine oil         9.10 I           Oil rear axle         17.50 I           Bucket         9.10 I           Bucket         9.24 m³           Backhoe standard capacity         0.24 m³           Width backhoe bucket         80 mm           Loader standard capacity         1 m²           Width backhoe bucket         235 mm           Width backhoe bucket         2325 mm	Engine	
Displacement       4.40 I         Gross Power / Power       70 kW @ 2200 rpm         Max. torque       395 km         Battery voltage / capacity       12 V / 75 kh         Transmission brand       Carrato         Number of gears (forward / reverse)       4 / 4         Torque converter stall ratio       30.11         Service brake       Wet disc brakes         Hydraulic flow       225 bar         Tank capacities       225 bar         Hydraulic oil       901         Liquid cooling tank volume       161         Liquid cooling tank volume       161         Fuel tank       17.50 I         Engine oil       17.50 I         Oil rear avake       17.50 I         Backhoe standard capacity       9.10 I         Width backhoe bucket       89 mm         Loader standard capacity       1 m³         Width backhoe bucket       2335 mm         Midth loader bucket       2235 mm	Engine brand	Perkins
Displacement       4.40 I         Gross Power / Power       70 kW @ 2200 rpm         Max. torque       395 km         Battery voltage / capacity       12 V / 75 kh         Transmission brand       Carrato         Number of gears (forward / reverse)       4 / 4         Torque converter stall ratio       3.01:1         Service brake       Wet disc brakes         Hydraulics flow       425 bar         Hydraulic flow       225 bar         Tank capacities       90 1         Liquid cooling tank volume       16 1         Liquid cooling tank volume       16 1         Treal tank       13.50 1         Transmission oil       17.50 1         Engine oil       9.101         Oil rear axle       17.50 1         Backhoe standard capacity       0.24 m²         Width backhoe bucket       89 mm         Loader standard capacity       1 m²         Width backhoe bucket       2235 mm         Midth loader bucket       2235 mm	Engine model	1104D 44T Turbo Charged Water Cooled Tier
Gross Power / Power         70 kW@ 2200 rpm           Max. torque         395 Nm           Battery voltage / capacity         12 V / 75 Ah           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 l/min           Main relief pressure         255 bar           Tank capacities         90 1           Liquid cooling tank volume         16 1           Fuel tank         145 l           Transmission oil         17.50 l           Engine oil         9.101           Oil rear axie         17.50 l           Backhoe standard capacity         9.24 m²           Width backhoe bucket         89 mm           Loader standard capacity         1 m²           Width loader bucket         2335 mm           Miscellaneous         2325 mm		
Max. torque       395 Nm         Battery obtage / capacity       12 V / 75 Ah         Transmission brand       Carraro         Number of gears (forward / reverse)       4 / 4         Torque converter stall ratio       3.01:1         Sevice brake       Wet disc brakes         Hydraulic flow       142 l/min         Main relief pressure       225 bar         Tank capacities       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       9.10 l         Backhoe standard capacity       9.24 m³         Width backhoe bucket       892 mm         Loader standard capacity       1 m³         Width backhoe bucket       2235 mm         Midth loader bucket       2235 mm	•	
Battery voltage / capacity         12 V / 75 Ah           Transmission         Carraro           Number of gears (forward / reverse)         4 / 4           Torque converter stall ratio         3.01:1           Service brake         Wet disc brakes           Hydraulic Row         142 l/min           Main relief pressure         225 bar           Tank capacities         90 l           Hydraulic oil         90 l           Liquid cooling tank volume         16 l           Fuel tank         17.50 l           Transmission oil         9.10 l           Engine oil         9.10 l           Oil rear axle         17.50 l           Bucket         17.50 l           Backhoe standard capacity         9.24 m²           Width backhoe bucket         82 mm           Loader standard capacity         1 m³           Width loader bucket         2235 mm           Miscellaneous         2235 mm		
Transmission         Carraro           Number of gears (forward / reverse)         4 / 4           Torque converter stall ratio         3.01:1           Service brake         Wet disc brakes           Hydraulics         142 l/min           Main relief pressure         225 bar           Tank capacities         90 l           Hydraulic oil         90 l           Liquid cooling tank volume         16 l           Fuel tank         17.50 l           Transmission oil         9.10 l           Cliera rake         9.10 l           Oil rear axle         9.10 l           Bucket         9.10 l           Backhoe standard capacity         0.24 m²           Width backhoe bucket         892 mm           Loader standard capacity         1 m²           Width loader bucket         2235 mm           Miscellaneous         2235 mm	•	
Transmission brand         Carraro           Number of gears (forward / reverse)         4 / 4           Torque converter stall ratio         3.01:1           Sevice brake         Wet disc brakes           Hydraulics         142 l/min           Main relief pressure         225 bar           Tank capacities         90 l           Hydraulic oil         90 l           Liquid cooling tank volume         145 l           Transmission oil         145.0           Engline oil         9.10 l           Oil rear axle         9.10 l           Bucket         17.50 l           Backbe standard capacity         0.24 m³           Width backhoe bucket         892 mm           Loader standard capacity         1 m³           Width loader bucket         2235 mm		12 4 7 7 7 111
Number of gears (forward / reverse)       4 / 4         Torque converter stall ratio       3.01:1         Service brake       Wet disc brakes         Hydraulics       142 l/min         Main relief pressure       225 bar         Tank capacities       90 l         Hydraulic oil       16 l         Liquid cooling tank volume       16 l         Fuel tank       145 l         Transmission oil       17.50 l         Engine oil       9.10 l         Oil rear axle       9.10 l         Bucket       9.10 l         Bucket       892 mm         Loader standard capacity       1 m³         Width backhoe bucket       892 mm         Loader standard capacity       1 m³         Width loader bucket       2235 mm		Carraro
Torque converter stall ratio         3.01:1           Service brake         Wet disc brakes           Hydraulics         142 l/min           Main relief pressure         225 bar           Tank capacities         90 l           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         9.10 l           Bucket         9.10 l           Width backhoe bucket         892 mm           Loader standard capacity         1 m²           Width loader bucket         2235 mm           Miscellaneous         2235 mm		
Service brake         Wet disc brakes           Hydraulics         142 l/min           Main relief pressure         225 bar           Tank capacities         90 l           Hydraulic oil         90 l           Liquid cooling tank volume         16 l           Fuel tank         145 l           Transmission oil         9.10 l           Engine oil         9.10 l           Oil rear axle         9.10 l           Bucket         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         4		
Hydraulics       142 l/min         Main relief pressure       225 bar         Tank capacities       90 l         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       9.10 l         Bucket       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       4	•	
Hydraulic flow       142 l/min         Main relief pressure       225 bar         Tank capacities       90 l         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         Bucket       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       2235 mm		Wet disc blakes
Main relief pressure       225 bar         Tank capacities       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         Bucket       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       400 mm		110 Unio
Tank capacities           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           Bucket         9.24 m³           Width backhoe bucket         892 mm           Loader standard capacity         1 m³           Width loader bucket         2235 mm           Miscellaneous		
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         Bucket       9.10 l         Backhoe standard capacity       0.24 m³         Width backhoe bucket       892 mm         Loader standard capacity       1 m³         Width loader bucket       2235 mm         Miscellaneous       4		225 Dar
Liquid cooling tank volume       16 I         Fuel tank       145 I         Transmission oil       17.50 I         Engine oil       9.10 I         Oil 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         Miscellaneous		
Fuel tank       145 I         Transmission oil       17.50 I         Engine oil       9.10 I         Oil 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         Miscellaneous	•	
Transmission oil       17.50 I         Engine oil       9.10 I         Oil 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         Miscellaneous       6		
Engine oil       9.10 l         Oil rear axle       17.50 l         Bucket       Standard capacity         Width backhoe bucket       892 mm         Loader standard capacity       1 m³         Width loader bucket       2235 mm         Miscellaneous       6		
17.50 l  Bucket  Backhoe standard capacity  Width backhoe bucket  Loader standard capacity  Width loader bucket  Miscellaneous		
Bucket       Backhoe standard capacity     0.24 m³       Width backhoe bucket     892 mm       Loader standard capacity     1 m³       Width loader bucket     2235 mm       Miscellaneous	Engine oil	
Backhoe standard capacity  Width backhoe bucket  Loader standard capacity  Width loader bucket  Miscellaneous	Oil rear axle	17.50 l
Width backhoe bucket 892 mm  Loader standard capacity 1 m³  Width loader bucket 2235 mm  Miscellaneous	Bucket	
Loader standard capacity  Width loader bucket  2235 mm  Miscellaneous	Backhoe standard capacity	0.24 m³
Width loader bucket 2235 mm  Miscellaneous	Width backhoe bucket	892 mm
Miscellaneous	Loader standard capacity	1 m³
Miscellaneous		
•		Yes
Front steer axle of oscillation 2WD 20 °	•	
Front steer axle of oscillation 4WD 16 °		
Steering wheels (front / rear) 2 / 2		

### Performance backhoe

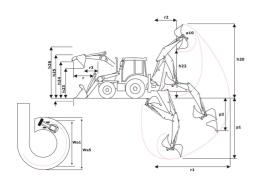
	Standard dipper	Extending dipper
		Retracted
p1 - Max dig depth (mm)	4741	5815
r1 - Max reach ground level to slew center (mm)	5730	7019
r2 - Max loading reach (mm)	1996	4849
Max operating height (mm)	5626	6637
h22 - Max loading height SAE (mm)	-	4531
Max loading height (mm)	3871	4849
p2 - Max straight wall dig depth (mm)	2602	3991
a10 - Max bucket rotation (°)	194	194
Total side shift (mm)	1198	1198
Dipper tearout (kgF)	4336	2644
Bucket tearout (kgF)	5810	5219
Hydraulic lift capacity (kg)	1460	812

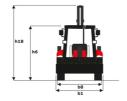
# Performance loader

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 94P ST3 - 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



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