Technical sheet :

MBL-X 900 90KL ST3

Manitou is committed to bringing value to its backhoe loaders by incorporating advanced and robust features for multi-application capabilities. MBL X 900 is powered by Tier -II/III engine. The structure of MBL X 900 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.





MBL-X 900 90KL ST3 Created on August 12, 2025 at 4:22 PM UTC

11 b1 h6 h6** h17 Wa1 Wa1 Wa5 Wa5 C2 c3 a2 a3 m4	2185 mm 2130 mm 7730 kg 7730 kg 8018 kg 7455 kg 7455 kg 7730 kg 2330 mm 2330 mm 2330 mm 2330 mm 2380 mm 2860 mm 3790 mm 3850 mm 4200 mm 5550 mm 5550 mm 12.5 x 18 - 12 PR / 16.9 x 28-12PR 9 x 16 - 16 PR / 14 x 25 - 20 PR 2098 mm 1293 mm
b1 h6 h6** h17 Wa1 Wa1 Wa5 Wa5 Wa5 C2 c3 a2 a3	7730 kg 7730 kg 8018 kg 7455 kg 7730 kg 7330 mm 2330 mm 2330 mm 2830 mm 2860 mm 3790 mm 3790 mm 3850 mm 4200 mm 5550 mm 5700 mm 12.5 x 18 · 12 PR / 16.9 x 28·12PR 9 x 16 · 16 PR / 14 x 25 · 20 PR 2098 mm
b1 h6 h6** h17 Wa1 Wa1 Wa5 Wa5 Wa5 C2 c3 a2 a3	7730 kg 8018 kg 7455 kg 7730 kg 7330 mm 2330 mm 2330 mm 2830 mm 2860 mm 2860 mm 3790 mm 3850 mm 4200 mm 5550 mm 5700 mm 12.5 x 18 · 12 PR / 16.9 x 28·12PR 9 x 16 · 16 PR / 14 x 25 · 20 PR 2098 mm
b1 h6 h6** h17 Wa1 Wa1 Wa5 Wa5 Wa5 C2 c3 a2 a3	7730 kg 8018 kg 7455 kg 7730 kg 7330 mm 2330 mm 2330 mm 2830 mm 2860 mm 2860 mm 3790 mm 3850 mm 4200 mm 5550 mm 5700 mm 12.5 x 18 · 12 PR / 16.9 x 28·12PR 9 x 16 · 16 PR / 14 x 25 · 20 PR 2098 mm
b1 h6 h6** h17 Wa1 Wa1 Wa5 Wa5 Wa5 C2 c3 a2 a3	8018 kg 7455 kg 7730 kg 7330 mm 2330 mm 2330 mm 2830 mm 2860 mm 2860 mm 3790 mm 3850 mm 4200 mm 5550 mm 5700 mm 12.5 x 18 · 12 PR / 16.9 x 28·12PR 9 x 16 · 16 PR / 14 x 25 · 20 PR 2098 mm
b1 h6 h6** h17 Wa1 Wa1 Wa5 Wa5 Wa5 C2 c3 a2 a3	7455 kg 7730 kg 7330 mm 2330 mm 2330 mm 2830 mm 2860 mm 2860 mm 3790 mm 3850 mm 4200 mm 5550 mm 5700 mm 12.5 x 18 · 12 PR / 16.9 x 28·12PR 9 x 16 · 16 PR / 14 x 25 · 20 PR 2098 mm
b1 h6 h6** h17 Wa1 Wa1 Wa5 Wa5 Wa5 C2 c3 a2 a3	7730 kg 7730 mm 2330 mm 2330 mm 2830 mm 2860 mm 2860 mm 3790 mm 3850 mm 4200 mm 5550 mm 5700 mm 12.5 x 18 · 12 PR / 16.9 x 28·12PR 9 x 16 · 16 PR / 14 x 25 · 20 PR 2098 mm
b1 h6 h6** h17 Wa1 Wa1 Wa5 Wa5 Wa5 C2 c3 a2 a3	7730 kg 7730 mm 2330 mm 2330 mm 2830 mm 2860 mm 2860 mm 3790 mm 3850 mm 4200 mm 5550 mm 5700 mm 12.5 x 18 · 12 PR / 16.9 x 28·12PR 9 x 16 · 16 PR / 14 x 25 · 20 PR 2098 mm
b1 h6 h6** h17 Wa1 Wa1 Wa5 Wa5 Wa5 C2 c3 a2 a3	7330 mm 2330 mm 2330 mm 2830 mm 2860 mm 3790 mm 3850 mm 4200 mm 5550 mm 5700 mm 12.5 x 18 · 12 PR / 16.9 x 28·12PR 9 x 16 · 16 PR / 14 x 25 · 20 PR 2098 mm
b1 h6 h6** h17 Wa1 Wa1 Wa5 Wa5 Wa5 C2 c3 a2 a3	2330 mm 3910 mm 2830 mm 2860 mm 3790 mm 3850 mm 4200 mm 5550 mm 5700 mm 12.5 x 18 · 12 PR / 16.9 x 28·12PR 9 x 16 · 16 PR / 14 x 25 · 20 PR 2098 mm
h6 h6** h17 Wa1 Wa5 Wa5 Wa5	3910 mm 2830 mm 2860 mm 3790 mm 3850 mm 4200 mm 5550 mm 5700 mm 12.5 x 18 · 12 PR / 16.9 x 28·12PR 9 x 16 · 16 PR / 14 x 25 · 20 PR 2098 mm
h6** h17 Wa1 Wa1 Wa5 Wa5 C2 C3 a2 a3	2830 mm 2860 mm 3790 mm 3850 mm 4200 mm 5550 mm 5700 mm 12.5 x 18 - 12 PR / 16.9 x 28-12PR 9 x 16 - 16 PR / 14 x 25 - 20 PR 2098 mm
h6** h17 Wa1 Wa1 Wa5 Wa5 C2 C3 a2 a3	2860 mm 3790 mm 3850 mm 4200 mm 5550 mm 5700 mm 12.5 x 18 - 12 PR / 16.9 x 28-12PR 9 x 16 - 16 PR / 14 x 25 - 20 PR 2098 mm
h17 Wa1 Wa5 Wa5 C2 C3 a2 a3	3790 mm 3850 mm 4200 mm 5550 mm 5700 mm 12.5 x 18 - 12 PR / 16.9 x 28-12PR 9 x 16 - 16 PR / 14 x 25 - 20 PR 2098 mm
Wa1 Wa1 Wa5 Wa5 C2 C3 a2 a3	3850 mm 4200 mm 5550 mm 5700 mm 12.5 x 18 - 12 PR / 16.9 x 28-12PR 9 x 16 - 16 PR / 14 x 25 - 20 PR 2098 mm
Wa1 Wa5 Wa5 C2 C3 a2 a3	4200 mm 5550 mm 5700 mm 12.5 x 18 - 12 PR / 16.9 x 28-12PR 9 x 16 - 16 PR / 14 x 25 - 20 PR 2098 mm
Wa5 Wa5 c2 c3 a2 a3	5550 mm 5700 mm 12.5 x 18 - 12 PR / 16.9 x 28-12PR 9 x 16 - 16 PR / 14 x 25 - 20 PR 2098 mm
Wa5 c2 c3 a2 a3	5700 mm 12.5 x 18 - 12 PR / 16.9 x 28-12PR 9 x 16 - 16 PR / 14 x 25 - 20 PR 2098 mm
c2 c3 a2 a3	12.5 x 18 - 12 PR / 16.9 x 28-12PR 9 x 16 - 16 PR / 14 x 25 - 20 PR 2098 mm
c3 a2 a3	9 x 16 - 16 PR / 14 x 25 - 20 PR 2098 mm
c3 a2 a3	2098 mm
c3 a2 a3	
a2 a3	1702 mm
a3	
	20 °
m4	66 °
	280 mm
	5.40 km/h / 8.60 km/h
	19.90 km/h / 40 km/h
	Kirloskar
	4R1040TA1 Turbo Charged Water Cooled BSIII
	4.15 l
	67.12 kW @ 2200 rpm
	350 Nm
	12 V / 65 Ah
	Саггаго
	4 / 4
	2.64:1
	Wet disc brakes
	142 l/min
	225 bar
	90
	16
	145
	17.50
	9.10
	17.50 l
	0.04 2
	0.24 m ³
	892 mm
	1 m ³
	2235 mm
	Yes
	20 °
	16 °

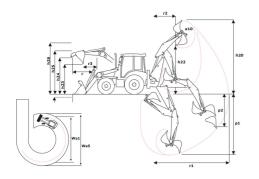
Performance backhoe

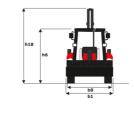
	Standard dipper
p1 - Max dig depth (mm)	4741
r1 - Max reach ground level to slew center (mm)	5730
r2 - Max loading reach (mm)	1996
Max operating height (mm)	5626
Max loading height (mm)	3871
p2 - Max straight wall dig depth (mm)	2602
a10 - Max bucket rotation (°)	194
Total side shift (mm)	1198
Dipper tearout (kgF)	4336
Bucket tearout (kgF)	5810
Hydraulic lift capacity (kg)	1460

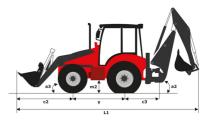
Performance loader

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)

MBL-X 900 90KL ST3 - Dimensional drawing











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