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.





l1 b1 h6 h6** h17 Wa1 Wa5 Wa5	Metric 2185 mm 2130 mm 7730 kg 7730 kg 8018 kg 7455 kg 7730 kg 7330 mm 2330 mm 2330 mm 2880 mm 2860 mm 3790 mm 3850 mm 4200 mm 5550 mm 5700 mm
h6 h6** h17 Wa1 Wa1 Wa5 Wa5	2185 mm 2130 mm 7730 kg 7730 kg 8018 kg 7455 kg 7730 kg 7330 mm 2330 mm 23910 mm 2830 mm 2860 mm 3790 mm 3850 mm 4200 mm 5550 mm
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h17 Wa1 Wa1 Wa5 Wa5	3790 mm 3850 mm 4200 mm 5550 mm 5700 mm
Wa1 Wa1 Wa5 Wa5	3850 mm 4200 mm 5550 mm 5700 mm
Wa1 Wa5 Wa5	4200 mm 5550 mm 5700 mm
Wa5 Wa5	5550 mm 5700 mm
Wa5	5700 mm
c2	
	12.3 x 10 - 12 FK / 10.9 x 20-12FK
	0 v 16 16 DD / 14 v 25 20 DD
	9 x 16 - 16 PR / 14 x 25 - 20 PR
	2098 mm
	1293 mm
a2	20 °
a3	66 °
m4	280 mm
	5.40 // / 0.60 //
	5.40 km/h / 8.60 km/h
	19.90 km/h / 40 km/h
	10.1
	Kirloskar
	4R1040TA1 Turbo Charged Water Cooled BSII
	4.15
	67.12 kW @ 2200 rpm
	350 Nm
	12 V / 65 Ah
	Carraro
	4 / 4
	2.64:1
	Wet disc brakes
	142 l/min
	225 bar
	90 I
	16 l
	145 I
	17.50 I
	9.10
	17.50 l
	0.24 m³
	892 mm
	1 m³
	2235 mm
	Yes
	Yes 20 °

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)

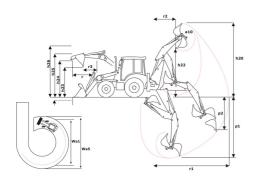
Standard dipper
4741
5730
1996
5626
3871
2602
194
1198
4336
5810
1460

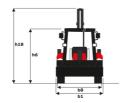
Performance loader

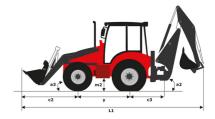
Max dump angle (°)
Max dump angle (°)
h26 - Max operating height (loader version) (mm)
h23 - Max dump height at 45° (mm)
h24 - Max loadover height (mm)
h25 - Max hinge pin height (mm)
r3 - Max reach at full height 45° (mm)
p3 - Below ground dig depth (mm)
a13 - Rollback at ground (°)
Shovel breakout (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 900 90KL ST3 - Dimensional drawing











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