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 9:05 PM UTC

Capacities	Metric	
Wheelbase 2 wheels drive	2185 mm	
Wheelbase 4 wheels drive	2130 mm	
Neight and dimensions		
Inladen weight	7730 kg	
Inladen weight with 4 WD	7730 kg	
Inladen weight with 4 WD 7 in 1	8018 kg	
Inladen weight 4WD - Center mount	7455 kg	
Inladen weight 4WD - Side shift	7730 kg	
Iverall length	I1 7330 mm	
Iverall width	b1 2330 mm	
	3910 mm	
Overall width with stabilizers extended - Center mount only		
Cabin height	h6 2830 mm	
leight of cab with air conditioning (option)	h6** 2860 mm	
verall height	h17 3790 mm	
xternal turning radius over tyres (braked)	Wa1 3850 mm	
xternal turning radius over tyres (unbraked)	Wa1 4200 mm	
xternal turning radius over bucket (braked)	Wa5 5550 mm	
xternal turning radius over bucket (unbraked)	Wa5 5700 mm	
tandard tires front / rear	12.5 x 18 - 12 PR / 16.9 x 28-12	PR
Optional tyre (front / rear)	9 x 16 - 16 PR / 14 x 25 - 20 PF	
each at travelling	c2 2098 mm	
lear axle center to slew center	c3 1293 mm	
leparture angle	a2 20 °	
ingle of Approach	a3 66 °	
Bround clearance	m4 280 mm	
Performances	1114 288 11111	
	5.40 km/h / 8.60 km/h	
ravel speed forward 1st / 2nd		
Travel speed forward 3rd / 4th	19.90 km/h / 40 km/h	
ingine		
ingine brand	Kirloskar	
ingine model	4R1040TA1 Turbo Charged Water Cool	led BSIII
lisplacement	4.15 l	
Gross Power / Power	67.12 kW @ 2200 rpm	
fax. torque	350 Nm	
lattery voltage / capacity	12 V / 65 Ah	
ransmission		
ransmission brand	Саггаго	
lumber of gears (forward / reverse)	4 / 4	
orque converter stall ratio	2.64:1	
ervice brake	Wet disc brakes	
lydraulics		
·	142 l/min	
lydraulic flow		
Aain relief pressure	225 bar	
ank capacities		
lydraulic oil	90	
iquid cooling tank volume	16	
uel tank	1451	
ransmission oil	17.50 l	
ingine oil	9.10	
il rear axle	17.50	
ucket		
ackhoe standard capacity	0.24 m³	
Vidth backhoe bucket	892 mm	
oader standard capacity	1 m <sup>3</sup>	
Vidth loader bucket	2235 mm	
Viscellaneous		
Power steering	Yes	
Front steer axle of oscillation 2WD Front steer axle of oscillation 4WD	20 ° 16 °	

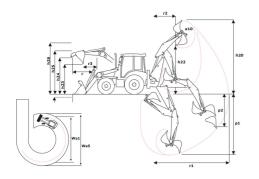
## Performance backhoe

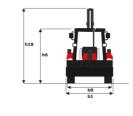
p1 - Max dig depth (mm)	
r1 - Max reach ground level to slew center (mm)	
r2 - Max loading reach (mm)	
Max operating height (mm)	
Max loading height (mm)	
p2 - Max straight wall dig depth (mm)	
a10 - Max bucket rotation (°)	
Total side shift (mm)	
Dipper tearout (kgF)	
Bucket tearout (kgF)	
Hydraulic lift capacity (kg)	

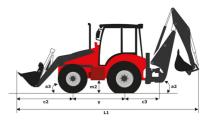
## Performance loader

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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