

Technical sheet :

MBL-X 920 92P ST2



Capacities		Metric
Wheelbase 2 wheels drive		2185 mm
Wheelbase 4 wheels drive		2130 mm
Weight and dimensions		
Unladen weight		7620 kg
Unladen weight with 4 WD		7620 kg
Unladen weight with 4 WD 7 in 1		7908 kg
Overall length	l1	7330 mm
Overall width	b1	2330 mm
Cabin height	h6	2830 mm
Overall height	h17	3790 mm
External turning radius over tyres (unbraked / braked)	Wa1 / Wa1	4200 mm / 3850 m
External turning radius over bucket (unbraked / braked)	Wa5 / Wa5	5700 mm / 5550 mm
Standard tyres front / rear		12.5 x 18 - 12 PR / 16.9 x 28-12PR
Optional tyre (front / rear)		9 x 16 - 16 PR / 14 x 25 - 20 PR
Performances		
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		
Engine brand		Perkins
Engine model		1104C 44T Turbo Charged Water Cooled Tier-II
Max. capacity (l)		4.40 l
Gross Power (kW) / Gross Power		68.50 kW @ 2200 rpm
Max. torque		395 Nm
Battery / Batteries capacity		12 V / 75 Ah
Transmission		
Transmission brand		Carraro
Number of gears (forward / reverse)		4 / 4
Torque converter stall ratio		3.01:1
Service brake		Wet disc brakes
Hydraulics		
Hydraulic flow		142 l/min
Main relief pressure		225 Bar
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		
Backhoe standard capacity		0.24 cm³
Width backhoe bucket		892 mm
Loader standard capacity		1 m³
Width loader bucket		2235 mm
Miscellaneous		
Power steering		Yes
Front steer axle of oscillation		2 °
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)

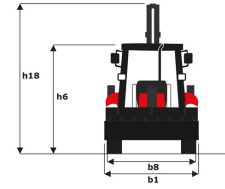
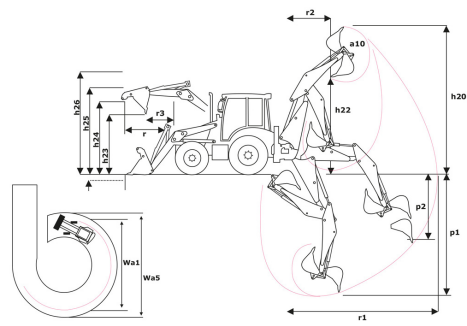
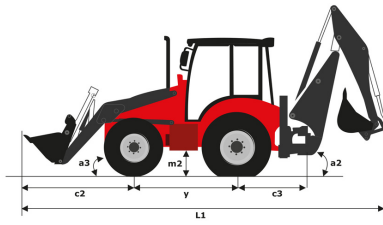
Standard dipper
4741
5730
1996
5626
3871
2602
194
1198
4336
5810
1460

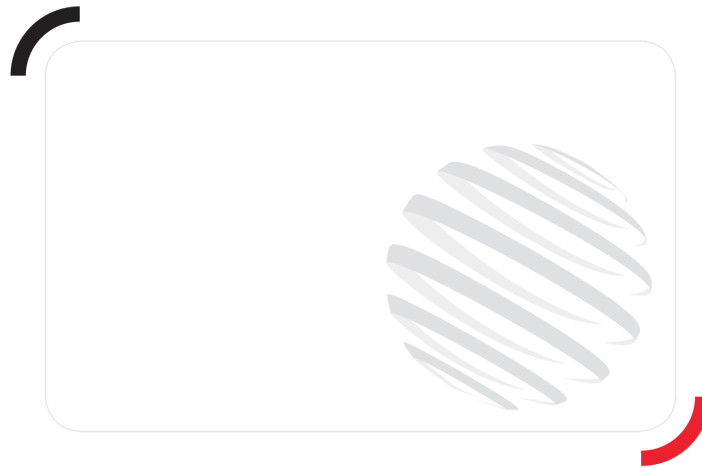
Performance loader

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)
r - Max reach at full height (mm)
r3 - Max reach at full height 45° (mm)
p3 - Below ground dig depth (mm)
Rollback at ground (°)
Shovel breakout (kgf)
Arms breakout (kgF)
Lifting capacity to full height (kg)

Standard shovel
51
4230
2780
3310
3570
1153
710
156
45
5229
5312
3819

Dimensional drawing





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