

Technical sheet :

# M-X 50-2

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Technical characteristics		Metric	
1.1	Manufacturer		Manitou
1.2	Model Name		M-X 50-2
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	5000 kg
1.6	Load center of gravity	c	600 mm
1.8	Load distance, centre of drive axle to fork	x	772 mm
1.9	Wheelbase	y	2120 mm
Weight			
2.1	Service weight		7480 kg
2.2	Weight on front axle (laden) / rear axle (laden)		10895 kg / 1930 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		2645 kg / 5180 kg
Wheels			
3.1	Tires type		Pneumatic
3.3	Dimensions of rear wheels		10R17,5 134/132M G291
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	1620 mm
Dimensions			
4.7	Height of overhead guard (cabin)	h6	2420 mm
4.19	Overall length	l1	4955 mm
4.20	Length to face of forks	l2	3755 mm
4.21	Overall width	b1	2060 mm
4.23	Fork carriage ISO 2328 (class/form) A/B		4A
4.24	Fork carriage width	b3	1670 mm
4.31	Ground clearance below mast	m1	265 mm
4.32	Ground clearance at centre of wheelbase	m2	365 mm
4.35	Turning radius	Wa	3395 mm
Performances			
5.1	Travel speed (laden)		22.80 km/h
5.2	Lifting speed (laden / unladen)		0.40 m/s / 0.40 m/s
5.3	Lowering speed (laden / unladen)		0.50 m/s / 0.40 m/s
5.5	Drawbar pull (Laden / Unladen)		5685 daN / 3665 daN
5.10	Service brake		Hydraulic
Engine			
7.1	Engine brand / model / norm		Perkins / 1104D-44T NL38894 / Stage IIIA
7.2	Engine power (Hp / kW)		95 Hp/70 kW
7.3	Rated speed		2360 rpm
Miscellaneous			
8.1	Type of drive control		Hydraulic
8.2	Working hydraulic pressure for attachments		210 bar
8.3	Oil flow rate for attachments		87 l/min

### M-X 50-2 - Dimensional drawing







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