Technical sheet :



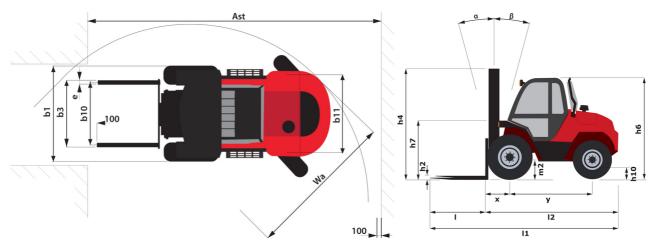




	Technical characteristics
1.1	Manufacturer
1.2	Model Name
1.3	Power source
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Load distance, centre of drive axle to fork
1.9	Wheelbase
	Weight
2.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
3.1	Tires type
3.3	Dimensions of rear wheels
3.5	Number of front wheels / rear wheels
3.5.2	Number of drive wheels
3.6	Front wheel gauge
	Dimensions
4.7	Height of overhead guard (cabin)
4.19	Overall length
4.20	Length to face of forks
4.21	Overall width
4.23	Fork carriage ISO 2328 (class/form) A/B
4.24	Fork carriage width
4.31	Ground clearance below mast
4.32	Ground clearance at centre of wheelbase
4.35	Turning radius
	Performances
5.1	Travel speed (laden)
5.2	Lifting speed (laden / unladen)
5.3	Lowering speed (laden / unladen)
5.5	Drawbar pull (Laden / Unladen)
5.10	Service brake
	Engine
7.1	Engine brand / model / norm
7.2	I.C. Engine power rating
7.3	Rated speed
	Miscellaneous
8.1	Type of drive control

м-х 50-2 Created on June 17, 2025 at 12:33 PM UTC							
	Metric						
	Manitou						
	M-X 50-2						
	Diesel						
	Seated						
Q	5000 kg						
С	600 mm						
х	772 mm						
у	2120 mm						
	7480 kg						
	10895 kg / 1930 kg						
	2645 kg / 5180 kg						
	Pneumatic						
	10R17,5 134/132M G291						
	2 / 2						
	2						
b10	1620 mm						
h6	2420 mm						
l1	4955 mm						
12	3755 mm						
b1	2060 mm						
	4A						
b3	1670 mm						
m1	265 mm						
m2	365 mm						
Wa	3395 mm						
	22.80 km/h						
	0.40 m/s / 0.40 m/s						
	0.50 m/s / 0.40 m/s						
	5685 daN / 3665 daN						
	Hydraulic						
	Perkins / 1104D-44T NL38894 / Stage IIIA						
	70 Hp						
	2360 rpm						
	Hydraulic						

M-X 50-2 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 35	FVD 37	FVD 40	FVD 45	FVD 50
a - Mast/fork carriage tilt, forward	٥	15	15	15	15	15	15	15
β - Mast/fork carriage tilt, backward	٥	15	15	15	15	15	15	15
h1 - Mast lowered height	mm	2475	2625	2725	2825	2975	3225	3475
h4 - Mast extended height	mm	4025	4325	4525	4725	5025	5525	6025
Height at max capacity	mm	2500	2500	2500	2500	2500	2500	2500

Free Lift Triplex (FLT)		FLT 37	FLT 40	FLT 43	FLT 45	FLT 47	FLT 50	FLT 55	FLT 60
α - Mast/fork carriage tilt, forward	٥	15	15	15	15	15	10	10	10
β - Mast/fork carriage tilt, backward	۰	15	15	15	15	15	15	15	15
h1 - Mast lowered height	mm	2225	2325	2425	2500	2560	2675	2825	3000
h2 - Mast free lift	mm	1265	1365	1465	1540	1600	1715	1865	2040
h4 - Mast extended height	mm	4725	5025	5325	5525	5725	6025	6525	7025
Height at max capacity	mm	2500	2500	2500	2500	2500	2500	2500	2500



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