Technical sheet :



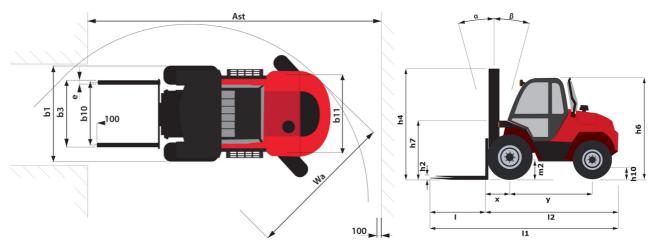




	Technical characteristics
1.1	Manufacturer
1.2	Model Name
1.3	Power source
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Load distance, centre of drive axle to fork
1.9	Wheelbase
	Weight
2.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front axle (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

M-X 50-2	Created on September 9, 2025 at 6:52 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				
11	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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