Technical sheet :



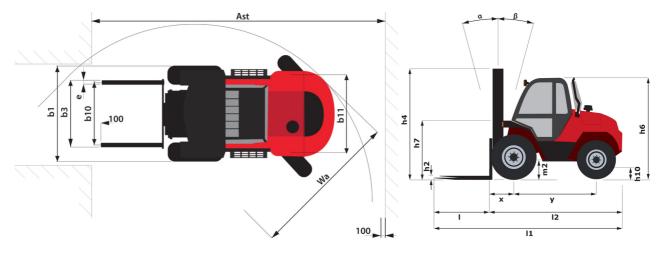




1.9Wheelbasey2.1Service weight12.2Weight on front axle (laden) / rear axle (laden)12.3Weight on front axle (Unladen) / rear axle (Unladen)13.1Tires type13.3Dimensions of rear wheels13.5Number of front wheels / rear wheels13.5.2Number of drive wheels13.6Front wheel gauge1Dimensions14.7Height of overhead guard (cabin)14.19Overall length114.20Length to face of forks124.21Overall widthb14.22Fork section x width x lengths / e4.23Fork carriage lS0 2328 (class/form) A/Bb34.31Ground clearance below mastmt4.32Ground clearance at centre of wheelbasemt			
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4.35 Turning radius Wather the set of the set	4.31	Ground clearance below mast	m1
Performances 5.1 Travel speed (laden / unladen) 5.2 Lifting speed (laden / unladen) 5.3 Lowering speed (laden / unladen) 5.4 Transmission gened (laden / unladen) 5.5 Drawbar pull (Laden / Unladen) 5.10 Service brake Transmission type Image: Comparison of the power rating 7.1 Engine power rating 7.3 Rated speed Miscellaneous Image: Comparison of the power rating	4.32	Ground clearance at centre of wheelbase	m2
5.1 Travel speed (laden / unladen) 5.2 Lifting speed (laden / unladen) 5.3 Lowering speed (laden / unladen) 5.5 Drawbar pull (Laden / Unladen) 5.10 Service brake Transmission type Image: Comparison type 7.1 Engine 7.2 I.C. Engine power rating 7.3 Rated speed Miscellaneous Image: Comparison type	4.35	Turning radius	Wa
5.2 Lifting speed (laden / unladen) 5.3 Lowering speed (laden / unladen) 5.5 Drawbar pull (Laden / Unladen) 5.10 Service brake Transmission type Engine 7.1 Engine brand / model / norm 7.2 I.C. Engine power rating 7.3 Rated speed Miscellaneous		Performances	
5.3 Lowering speed (laden / unladen) 5.5 Drawbar pull (Laden / Unladen) 5.10 Service brake Transmission type Engine 7.1 Engine brand / model / norm 7.2 I.C. Engine power rating 7.3 Rated speed Miscellaneous Image: Colspan="2">Image: Colspan="2" Image: Colspa	5.1	Travel speed (laden / unladen)	
5.5 Drawbar pull (Laden / Unladen) 5.10 Service brake Transmission type Engine 7.1 Engine brand / model / norm 7.2 I.C. Engine power rating 7.3 Rated speed Miscellaneous Image: Comparison of the comparison of th	5.2	Lifting speed (laden / unladen)	
5.10 Service brake Transmission type Engine 7.1 Engine brand / model / norm 7.2 I.C. Engine power rating 7.3 Rated speed Miscellaneous	5.3	Lowering speed (laden / unladen)	
Transmission type Engine 7.1 Engine brand / model / norm 7.2 I.C. Engine power rating 7.3 Rated speed Miscellaneous	5.5	Drawbar pull (Laden / Unladen)	
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7.3 Rated speed Miscellaneous	7.1	Engine brand / model / norm	
7.3 Rated speed Miscellaneous	7.2	I.C. Engine power rating	
Miscellaneous	7.3		
8.1 Type of drive control			
	8.1	Type of drive control	

M-X 50-	• Created on June 17, 2025 at 3:54 AM UTC							
	Metric							
	Manitou							
	M-X 50-4							
	Diesel							
	Seated							
Q	5000 kg							
С	600 mm							
х	762 mm							
у	2120 mm							
	7660 kg							
	10800 kg / 1869 kg							
	2570 kg / 5090 kg							
	Pneumatic							
	340/80R18 XMCL 143A8							
	2 / 2							
	4							
b10	1620 mm							
h6	2495 mm							
11	4945 mm							
12	3745 mm							
b1	2080 mm							
s / e / l	50 mm x 150 mm / 1200 mm							
	4A							
b3	1670 mm							
m1	265 mm							
m2	375 mm							
Wa	4155 mm							
	0.4 here /h / 0.0 40 here /h							
	24 km/h / 23.40 km/h							
	0.40 m/s / 0.50 m/s 0.40 m/s / 0.40 m/s							
	10360 daN / 6205 daN							
	Hydraulic							
	Torque converter							
	Perkins / 1104D-44T NL38894 / Stage IIIA							
	70 Hp							
	2360 rpm							
	2300 ipin							
	Hydraulic							
	Hjululio							

M-X 50-4 - 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
α - Mast/fork carriage tilt, forward	۰	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	2520	2670	2770	2870	3020	3270	3520
h4 - Mast extended height	mm	4070	4370	4570	4770	5070	5570	6070
Residual capacity at max height	kg	5000	5000	5000	5000	5000	4500	4000
Residual capacity with integrated side shift at max heigth	kg	4700	4700	4700	4700	4700	4050	3600
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	۰	15	15	15	15	15	10	10	10
β - Mast/fork carriage tilt, backward	٥	15	15	15	15	15	15	15	15
h1 - Mast lowered height	mm	2270	2370	2470	2545	2605	2720	2870	3045
h2 - Mast free lift	mm	1265	1365	1465	1540	1600	1715	1865	2040
h4 - Mast extended height	mm	4770	5070	5370	5570	5770	6070	6570	7070
Residual capacity at max height	kg	5000	5000	4500	4000	3700	3300	2400	2000
Residual capacity with integrated side shift at max heigth	kg	4700	4500	4050	3600	3330	2970	2160	1800
Height at max capacity	mm	2500	2500	2500	2500	2500	2500	2500	2500



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