Technical sheet :



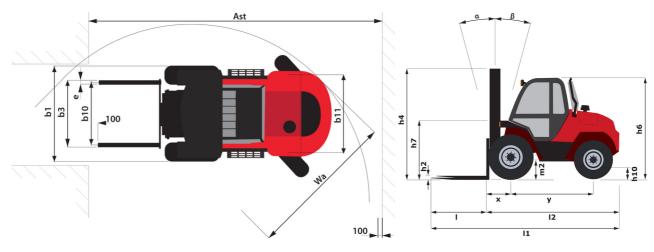




1.1	Technical characteristics						
11							
	Manufacturer						
1.2	Model Name						
1.3	Power source						
1.4	Operator type						
1.5	Max. capacity						
1.6	Load center of gravity						
1.8	Load distance, centre of drive axle to fork						
1.9	Wheelbase						
	Weight						
2.1	Service weight						
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	Tuming radius						
	Performances						
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						
	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 э	o-4 Created on July 31, 2025 at 3:54 PM UTC							
	Metric							
	Manitou							
	M-X 30-4							
	Diesel							
	Seated							
Q	3000 kg							
С	500 mm							
х	810 mm							
у	2100 mm							
	5320 kg							
	6550 kg / 1370 kg							
	2370 kg / 2950 kg							
	Pneumatic							
	10,5/80-18 10PR TG42 TL							
	2 / 2							
	4							
b10	1670 mm							
h6	2540 mm							
11	4835 mm							
12	3635 mm							
b1	2105 mm							
	3A							
b3	1470 mm							
m1	495 mm							
m2	395 mm							
Wa	4070 mm							
	27 km/h / 27 km/h							
	0.50 m/s / 0.60 m/s							
	0.50 m/s / 0.50 m/s							
	5685 daN / 3665 daN							
	Hydraulic							
	Perkins / 1104D-44T NL38894 / Stage IIIA							
	70 Hp							
	2360 rpm							
	Hydraulic							

## M-X 30-4 - 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	FVD 55	FVD 60
α - Mast/fork carriage tilt, forward	۰	6	6	6	6	6	6	6	6	6
β - Mast/fork carriage tilt, backward	۰	12	12	12	12	12	12	12	12	12
h1 - Mast lowered height	mm	2375	2525	2625	2785	2975	3225	3475	3725	3975
h2 - Mast free lift	mm	130	130	130	130	130	130	130	130	130
h4 - Mast extended height	mm	4115	4415	4615	4815	5115	5615	6115	6615	7115
Residual capacity at max height	kg								1500	
Height at max capacity	mm	2500	2500	2500	2500	2500	2500	2500	2500	2500

Free Lift Triplex (FLT)		FLT 37	FLT 40	FLT 43	FLT 47	FLT 50	FLT 55	FLT 60
a - Mast/fork carriage tilt, forward	۰	6	6	6	6	6	6	6
$\beta$ - Mast/fork carriage tilt, backward	٥	12	12	12	12	12	12	12
h1 - Mast lowered height	mm	2275	2375	2525	2625	2785	2.97	3225
h2 - Mast free lift	mm	1283	1383	1533	1633	1793	1.98	2233
h4 - Mast extended height	mm	4732	5032	5332	5732	6032	6532	7032
Residual capacity at max height	kg	3000	3000	2500	2250	1500		
Residual capacity with integrated side shift at max heigth	kg			2500	1750	1250		
Height at max capacity	mm	2500	2500	2500	2500	2500	2500	2500

Full Visibility Triplex (FVT)		FVT 55
α - Mast/fork carriage tilt, forward	٥	6
$\beta$ - Mast/fork carriage tilt, backward	٥	12
h1 - Mast lowered height	mm	3055
h4 - Mast extended height	mm	6725
Residual capacity at max height	kg	2100
Height at max capacity	mm	2500



Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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