

Technical sheet

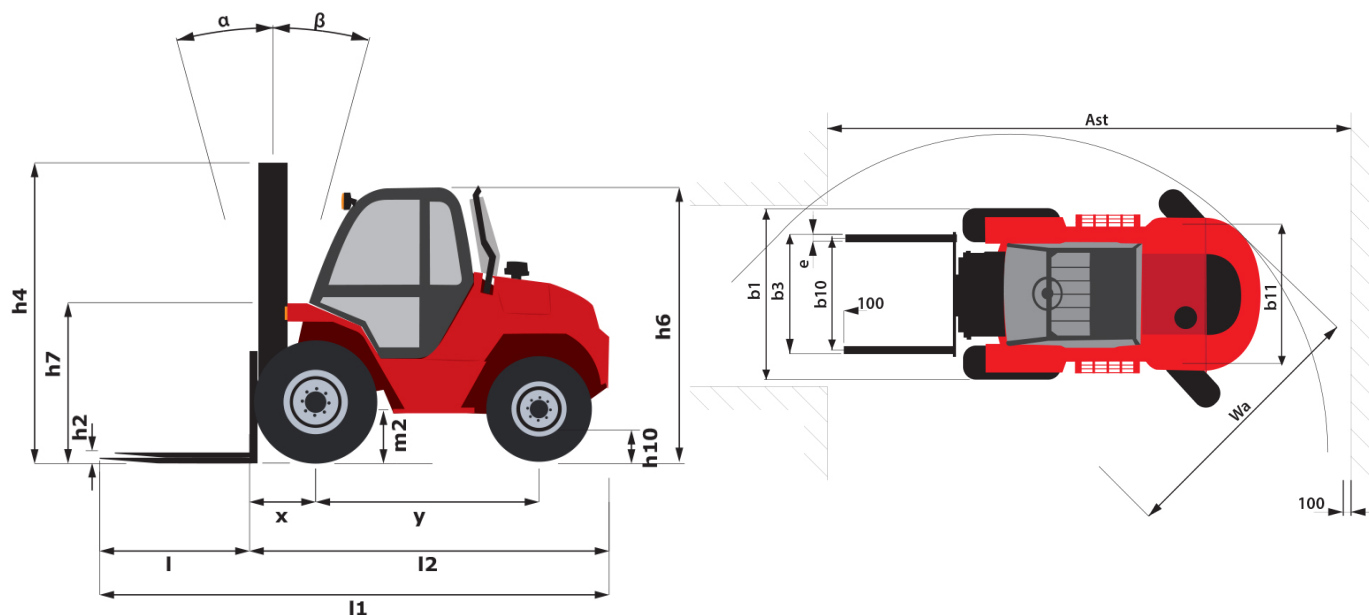
M-X 30-4

Masted Forklift Trucks



 **MANITOU**
HANDLING YOUR WORLD

	Technical characteristics	Metric	Imperial
1.1	Manufacturer	Manitou	Manitou
1.2	Model	M-X 30-4	M-X 30-4
1.3	Type of traction	Diesel	Diesel
1.4	Type of operation	Seated	Seated
1.5	Q - Rated capacity	3000 kg	6600 lbs
1.6	c - Center of gravity of load	500 mm	2 in
1.9	y - Wheelbase	2100 mm	6 ft 1 in
	Weight		
2.1	Weight of truck in working order	5620 kg	12364 lbs
	Wheels		
3.1	Tyre equipment: bandage (V), PPS (SE), inflatable tyre (L)	L	L
3.2	Size of front wheels	16,5/85-24 SGI14PR	-
3.5	Number of front wheels (x	2x / 2	2x / 2
3.6	b10 - Front track	1.67 mm	6 in
	Dimensions		
4.1	α / β - Front/Rear mast angle	6 ° / 12 °	6 ° / 12 °
4.2	h1 - Height (mast lowered)	2540 mm	8 ft 5 in
4.4	h3 - Lift height (Duplex mast)	3700 mm	12 ft 2 in
4.20	l2 - Length to fork heel	3630 mm	11 ft 1 in
4.21	b1 - Overall width - Singe/twinned wheels	2100 mm / -	6 ft 11 in / -
4.22	e / s / l - Fork dimensions	1200 x 125 x 40	3.11 x 0.5 x 0.2
4.35	Wa - Turning radius	4100 mm	13 ft 6 in
	Performances		
5.1	Speed of travel laden / unladen	27 km/h / -	16.70 mph / -
5.2	Lifting speed laden / unladen	- / 0.60 m/s	- / 2 ft/s
5.3	Lowering speed laden / unladen	- / 0.50 m/s	- / 1.80 ft/s
5.5	Nominal pulling force laden / unladen	5870 daN / -	13196 lbf / -
	Engine		
7.1	Engine manufacturer / Type	Perkins / Stage 3A	Perkins / Stage 3A
7.2	Useful power	70 kW	70 kW
7.4	Number of pistons / Capacity	4 / 4400 cm ³	4 /
	Miscellaneous		
8.2	Working hydraulic pressure for attachments	185 bar	2684 psi
8.3	Oil flow rate for attachments	85 l/min	22.44 gpm
8.4	Measured/guaranteed mean noise level at the ear of the operator	72 dB(A)	72 dB(A)

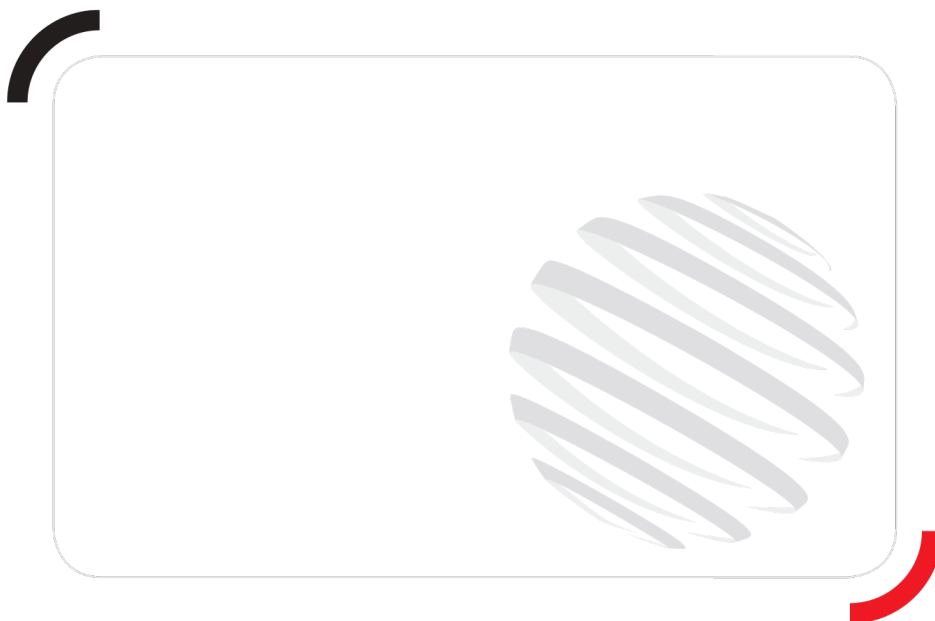


Characteristics of masts and residual capacities

Duplex Total Visibility		FVD30	FVD33	FVD35	FVD37	FVD40	FVD45	FVD50	FVD55
Lift height	mm	3030	3330	3530	3730	4030	4530	5030	5530
Height (mast lowered)	mm	2375	2525	2625	2785	2975	3225	3475	3725
Free lift	mm	0	0	0	0	0	0	0	0
Height of extended mast	mm	4115	4415	4615	4815	5115	5615	6115	6615
Residual Capacity without attachment (Industrial load chart)	kg	3000	3000	3000	3000	3000	3000	3000	2500
Residual Capacity with integrated side shift (Industrial load chart)	kg	3000	3000	3000	3000	3000	3000	3000	2300

Triplex Without Free Lift		FVT55
Lift height	mm	5545
Height (mast lowered)	mm	3055
Free lift	mm	0
Height of extended mast	mm	6725
Residual Capacity without attachment (Industrial load chart)	kg	2000
Residual Capacity with integrated side shift (Industrial load chart)	kg	1800

Triplex Free Lift		FLT37	FLT40	FLT43	FLT47	FLT50	FLT55	FLT60
Lift height	mm	3740	4040	4340	4740	5040	5540	6040
Height (mast lowered)	mm	2275	2375	2525	2625	2785	2975	3225
Free lift	mm	1283	1383	1533	1633	1793	1983	2233
Height of extended mast	mm	4732	5032	5332	5732	6032	6532	7032
Residual Capacity without attachment (Industrial load chart)	kg	3000	3000	3000	2800	2500	2000	1600
Residual Capacity with integrated side shift (Industrial load chart)	kg	3000	3000	3000	2600	2300	1800	1400



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