Technical sheet :

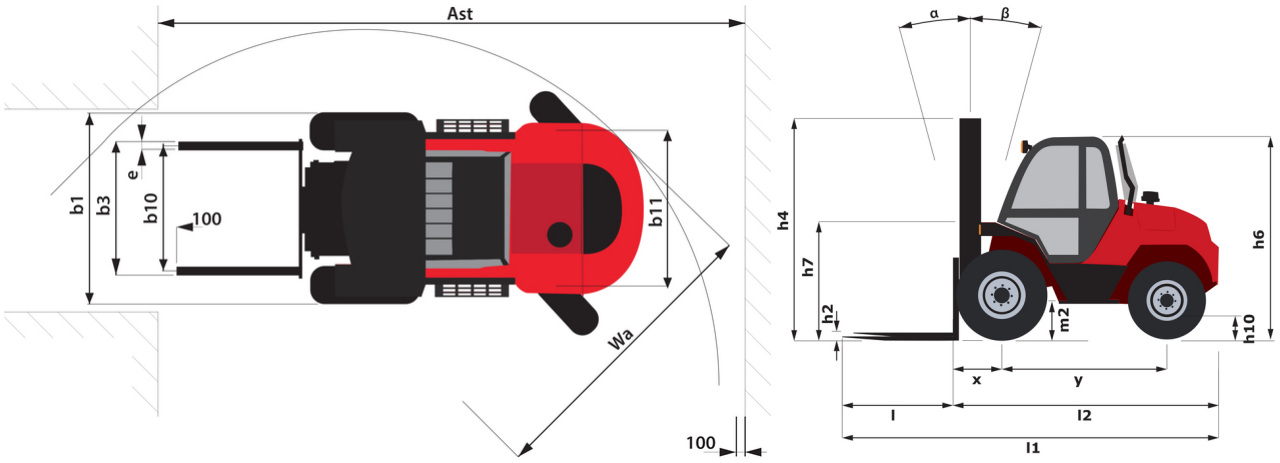
M-X 70-2



MANITOU
HANDLING YOUR WORLD

	Technical characteristics		Metric	Imperial
1.1	Manufacturer		Manitou	Manitou
1.2	Model Name		M-X 70-2	M-X 70-2
1.3	Power source		Diesel	Diesel
1.4	Operator type		Sitting	Sitting
1.5	Max. capacity	Q	7000 kg	15432 lb
1.6	Load center of gravity	c	600 mm	24 in
1.8	Load distance, centre of drive axle to fork	x	803 mm	32 in
1.9	Wheelbase	y	2.49 m	8 ft 2 in
	Weight			
2.1	Service weight		9880 kg	21782 lb
2.2	Weight on front axle (laden) / rear axle (laden)		14954 kg / 1926 kg	32968 lb / 4246 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		4040 kg / 5840 kg	8907 lb / 12875 lb
	Wheels			
3.1	Tires type		Pneumatic	Pneumatic
3.2	Dimensions of front wheels		18R185 8T N20XF	18R185 8T N20XF
3.3	Dimensions of rear wheels		265/70R19,5 6T P30 HT3	265/70R19,5 6T P30 HT3
3.5	Number of front wheels / rear wheels		2 / 2	2 / 2
3.5.2	Number of drive wheels		2	2
3.6	Front wheel gauge	b10	1700 mm	67 in
3.7	Rear wheel gauge	b11	1545 m	5068 ft 11 in
	Dimensions			
4.7	Height of overhead guard (cabin)	h6	2475 mm	97 in
4.8	Seat height/stand height	h7	1485 mm	58 in
4.19	Overall length	l1	5700 mm	224 in
4.20	Length to face of forks	l2	4200 mm	165 in
4.21	Overall width	b1	2155 mm	85 in
4.22	Forks section x width x length	s / e / l	70 mm x 150 mm / 1200 mm	3 in x 6 in / 47 in
4.23	Fork carriage ISO 2328 (class/form) A/B		4A	4A
4.24	Fork carriage width	b3	1750 mm	69 in
4.31	Ground clearance below mast	m1	300 mm	12 in
4.32	Ground clearance at centre of wheelbase	m2	410 mm	16 in
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	6703 mm	264 in
4.35	Turning radius	Wa	4200 mm	165 in
	Performances			
5.1	Travel speed (laden)		24 km/h	15 mph
5.2.1	Lifting speed (unladen)		0.40 m/s	1 ft/s
5.3.1	Lowering speed (unladen)		0.40 m/s	1 ft/s
5.5	Drawbar pull (Laden)		7960 daN	7960 daN
5.10	Service brake		Hydraulic servo brake	Hydraulic servo brake
	Engine			
7.1	Engine brand / model		Perkins / 1104D-44T NL38894	Perkins / 1104D-44T NL38894

M-X 70-2 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 36	FVD 40	FVD 45
Mast/fork carriage tilt, forward	°	15	15	15
Mast/fork carriage tilt, backward	°	15	15	15
h1 - Mast lowered height	in (mm)	123.8 (3145)	123.8 (3145)	141.5 (3595)
h4 - Mast extended height	in (mm)	195.3 (4960)	195.3 (4960)	230.7 (5860)
Residual capacity at max height	lb (kg)	15432 (7000)	15432 (7000)	14330 (6500)
Residual capacity with integrated side shift at max heigth	lb (kg)	13889 (6300)		
Height at max capacity	in (mm)	98.4 (2500)	98.4 (2500)	98.4 (2500)

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