

Technical sheet :

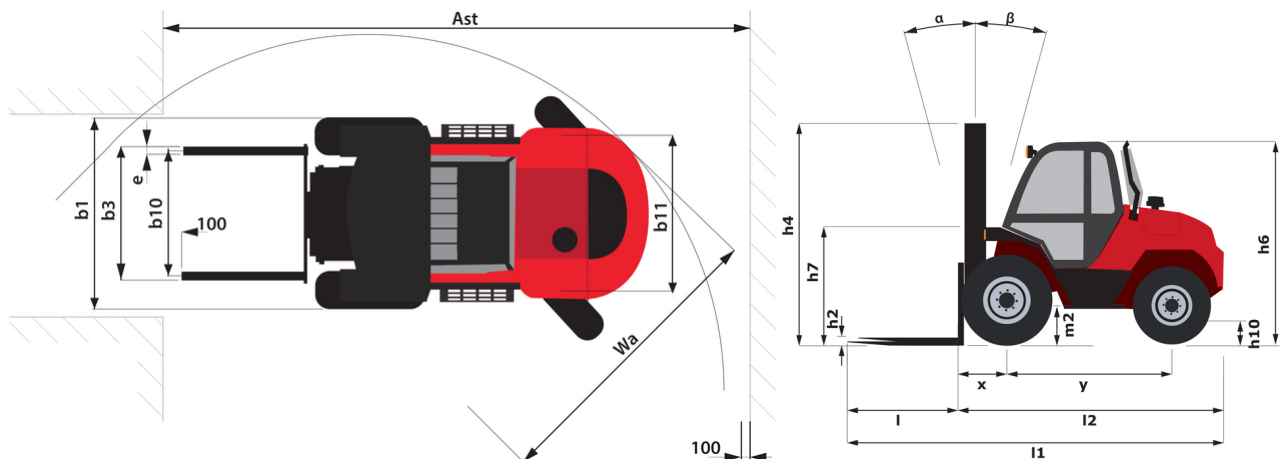
M-X 70-2



 **MANITOU**
HANDLING YOUR WORLD

	Technical characteristics		Imperial
1.1	Manufacturer		Manitou
1.2	Model Name		M-X 70-2
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	15432 lb
1.6	Load center of gravity	c	24 in
1.8	Load distance, centre of drive axle to fork	x	32 in
1.9	Wheelbase	y	8 ft 2 in
	Weight		
2.1	Service weight		21782 lb
2.2	Weight on front axle (laden) / rear axle (laden)		32968 lb / 4246 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		8907 lb / 12875 lb
	Wheels		
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		18R185 8T N20XF
3.3	Dimensions of rear wheels		265/70R19,5 6T P30 HT3
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	67 in
3.7	Rear wheel gauge	b11	5068 ft 11 in
	Dimensions		
4.7	Height of overhead guard (cabin)	h6	97 in
4.8	Seat height/stand height	h7	58 in
4.19	Overall length	l1	224 in
4.20	Length to face of forks	l2	165 in
4.21	Overall width	b1	85 in
4.22	Forks section x width x length	s / e / l	3 in x 6 in / 47 in
4.23	Fork carriage ISO 2328 (class/form) A/B		4A
4.24	Fork carriage width	b3	69 in
4.31	Ground clearance below mast	m1	12 in
4.32	Ground clearance at centre of wheelbase	m2	16 in
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	264 in
4.35	Turning radius	Wa	165 in
	Performances		
5.1	Travel speed (laden)		15 mph
5.2.1	Lifting speed (unladen)		1 ft/s
5.3.1	Lowering speed (unladen)		1 ft/s
5.5	Drawbar pull (Laden)		7960 daN
5.10	Service brake		Hydraulic servo brake
	Engine		
7.1	Engine brand / model		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	123.8	123.8	141.5
h4 - Mast extended height	in	195.3	195.3	230.7
Residual capacity at max height	lb	15432	15432	14330
Residual capacity with integrated side shift at max height	lb	13889		
Height at max capacity	in	98.4	98.4	98.4



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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