

Technical sheet :

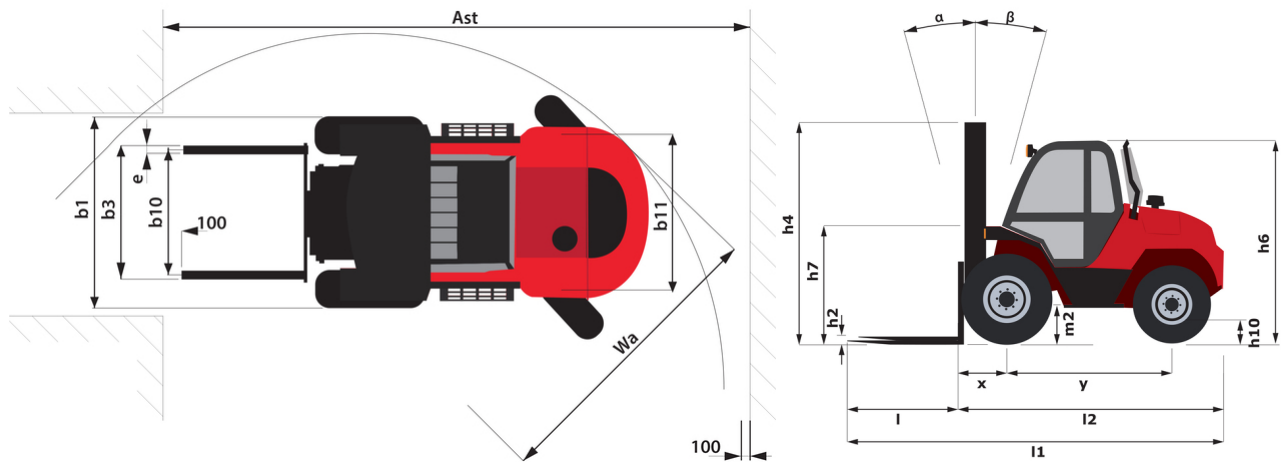
M-X 30-2



 **MANITOU**
HANDLING YOUR WORLD

	Technical characteristics		Imperial
1.1	Manufacturer		Manitou
1.2	Model Name		M-X 30-2
1.3	Power source		Diesel
1.4	Operator type		Sitting
1.5	Max. capacity	Q	6614 lb
1.6	Load center of gravity	c	20 in
1.8	Load distance, centre of drive axle to fork	x	27 in
1.9	Wheelbase	y	83 in
	Weight		
2.1	Service weight		11222 lb
2.2	Weight on front axle (laden) / rear axle (laden)		15543 lb / 2293 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		4960 lb / 6261 lb
	Wheels		
3.1	Tires type		Inflatable
3.2	Dimensions of front wheels		3.2: 440/80-24 8TN5 A325 168A8
3.3	Dimensions of rear wheels		10R17,5 G291 134M
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	66 in
	Dimensions		
4.7	Height of overhead guard (cabin)	h6	97 in
4.19	Overall length	l1	183 in
4.20	Length to face of forks	l2	143 in
4.21	Overall width	b1	83 in
4.22	Forks section x width x length	s / e / l	5 in x 47 in / 2 in
4.23	Fork carriage ISO 2328 (class/form) A/B		3A
4.24	Fork carriage width	b3	58 in
4.31	Ground clearance below mast	m1	15 in
4.32	Ground clearance at centre of wheelbase	m2	15 in
4.35	Turning radius	Wa	126 in
	Performances		
5.1	Travel speed (laden / unladen)		15 mph / 14 mph
5.2	Lifting speed (laden / unladen)		2 ft/s / 2 ft/s
5.3	Lowering speed (laden / unladen)		2 ft/s / 2 ft/s
5.5	Drawbar pull (Laden / Unladen)		4830 daN / 1873 daN
5.10	Service brake		Hydraulic
	Engine		
7.2	Engine power according to ISO 1585		70 kW
7.1	Engine brand / model		Perkins / 1104D-44T NL38894
7.2	Engine power according to ISO 1585		70 kW
7.3	Rated speed		2360 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 269 in³
	Miscellaneous		
8.1	Type of drive control		Hydraulic
8.2	Working hydraulic pressure for attachments		2683 PSI
8.3	Oil flow rate for attachments		22 US gpm
8.4	Sound level at the driver's ear according to DIN 12 053		72 dB

M-X 30-2 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 37	FVD 45
Mast/fork carriage tilt, forward	°	6	6
Mast/fork carriage tilt, backward	°	12	12
h1 - Mast lowered height	in	109.6	127
h2 - Mast free lift	in	5.1	5.1
h4 - Mast extended height	in	189.6	221.1
Residual capacity at max height	lb	6614	6614
Residual capacity with integrated side shift at max heighth	lb	6614	6614
Height at max capacity	in	98.4	98.4

Free Lift Triplex (FLT)		FLT 43	FLT 50
Mast/fork carriage tilt, forward	°	6	6
Mast/fork carriage tilt, backward	°	12	12
h1 - Mast lowered height	in	99.4	109.6
h2 - Mast free lift	in	60.4	70.6
h4 - Mast extended height	in	209.9	237.5
Residual capacity at max height	lb	6614	
Residual capacity with integrated side shift at max heighth	lb	5512	3307
Height at max capacity	in	98.4	98.4

Full Visibility Triplex (FVT)		FVT 55
Mast/fork carriage tilt, forward	°	6
Mast/fork carriage tilt, backward	°	12
h1 - Mast lowered height	in	120.3
h4 - Mast extended height	in	264.8
Residual capacity at max height	lb	3307
Residual capacity with integrated side shift at max heighth	lb	2425
Height at max capacity	in	98.4



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