Technical sheet :

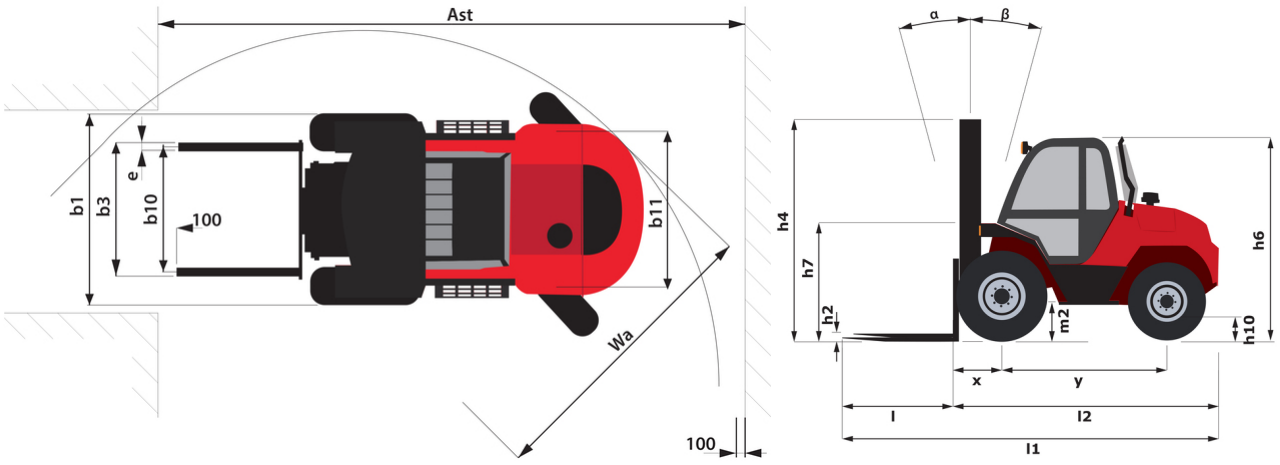
M-X 30-2



MANITOU
HANDLING YOUR WORLD

	Technical characteristics		Metric	Imperial
1.1	Manufacturer		Manitou	Manitou
1.2	Model Name		M-X 30-2	M-X 30-2
1.3	Power source		Diesel	Diesel
1.4	Operator type		Sitting	Sitting
1.5	Max. capacity	Q	3000 kg	6614 lb
1.6	Load center of gravity	c	500 mm	20 in
1.8	Load distance, centre of drive axle to fork	x	697 mm	27 in
1.9	Wheelbase	y	2100 mm	83 in
	Weight			
2.1	Service weight		5090 kg	11222 lb
2.2	Weight on front axle (laden) / rear axle (laden)		7050 kg / 1040 kg	15543 lb / 2293 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		2250 kg / 2840 kg	4960 lb / 6261 lb
	Wheels			
3.1	Tires type		Inflatable	Inflatable
3.2	Dimensions of front wheels		3.2: 440/80-24 8TN5 A325 168A8	3.2: 440/80-24 8TN5 A325 168A8
3.3	Dimensions of rear wheels		10R17,5 G291 134M	10R17,5 G291 134M
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	1670 mm	66 in
	Dimensions			
4.7	Height of overhead guard (cabin)	h6	2460 mm	97 in
4.19	Overall length	l1	4642 mm	183 in
4.20	Length to face of forks	l2	3630 mm	143 in
4.21	Overall width	b1	2100 mm	83 in
4.22	Forks section x width x length	s / e / l	125 mm x 1200 mm / 40 mm	5 in x 47 in / 2 in
4.23	Fork carriage ISO 2328 (class/form) A/B		3A	3A
4.24	Fork carriage width	b3	1470 mm	58 in
4.31	Ground clearance below mast	m1	380 mm	15 in
4.32	Ground clearance at centre of wheelbase	m2	385 mm	15 in
4.35	Turning radius	Wa	3210 mm	126 in
	Performances			
5.1	Travel speed (laden / unladen)		24 km/h / 22 km/h	15 mph / 14 mph
5.2	Lifting speed (laden / unladen)		0.50 m/s / 0.60 m/s	2 ft/s / 2 ft/s
5.3	Lowering speed (laden / unladen)		0.50 m/s / 0.50 m/s	2 ft/s / 2 ft/s
5.5	Drawbar pull (Laden / Unladen)		4830 daN / 1873 daN	4830 daN / 1873 daN
5.10	Service brake		Hydraulic	Hydraulic
	Engine			
7.2	Engine power according to ISO 1585		70 kW	70 kW
7.1	Engine brand / model		Perkins / 1104D-44T NL38894	Perkins / 1104D-44T NL38894
7.2	Engine power according to ISO 1585		70 kW	70 kW
7.3	Rated speed		2360 rpm	2360 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 4400 cm³	4 - 269 in³
	Miscellaneous			
8.1	Type of drive control		Hydraulic	Hydraulic
8.2	Working hydraulic pressure for attachments		185 bar	2683 PSI
8.3	Oil flow rate for attachments		85 l/min	22 US gpm
8.4	Sound level at the driver's ear according to DIN 12 053		72 dB	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 (mm)	109.6 (2785)	127 (3225)
h2 - Mast free lift	in (mm)	5.1 (130)	5.1 (130)
h4 - Mast extended height	in (mm)	189.6 (4815)	221.1 (5615)
Residual capacity at max height	lb (kg)	6614 (3000)	6614 (3000)
Residual capacity with integrated side shift at max heigth	lb (kg)	6614 (3000)	6614 (3000)
Height at max capacity	in (mm)	98.4 (2500)	98.4 (2500)

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 (mm)	99.4 (2525)	109.6 (2785)
h2 - Mast free lift	in (mm)	60.4 (1533)	70.6 (1793)
h4 - Mast extended height	in (mm)	209.9 (5332)	237.5 (6032)
Residual capacity at max height	lb (kg)	6614 (3000)	
Residual capacity with integrated side shift at max heigth	lb (kg)	5512 (2500)	3307 (1500)
Height at max capacity	in (mm)	98.4 (2500)	98.4 (2500)

Full Visibility Triplex (FVT)		FVT 55
Mast/fork carriage tilt, forward	°	6
Mast/fork carriage tilt, backward	°	12
h1 - Mast lowered height	in (mm)	120.3 (3055)
h4 - Mast extended height	in (mm)	264.8 (6725)
Residual capacity at max height	lb (kg)	3307 (1500)
Residual capacity with integrated side shift at max heigth	lb (kg)	2425 (1100)
Height at max capacity	in (mm)	98.4 (2500)

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