Technical sheet :

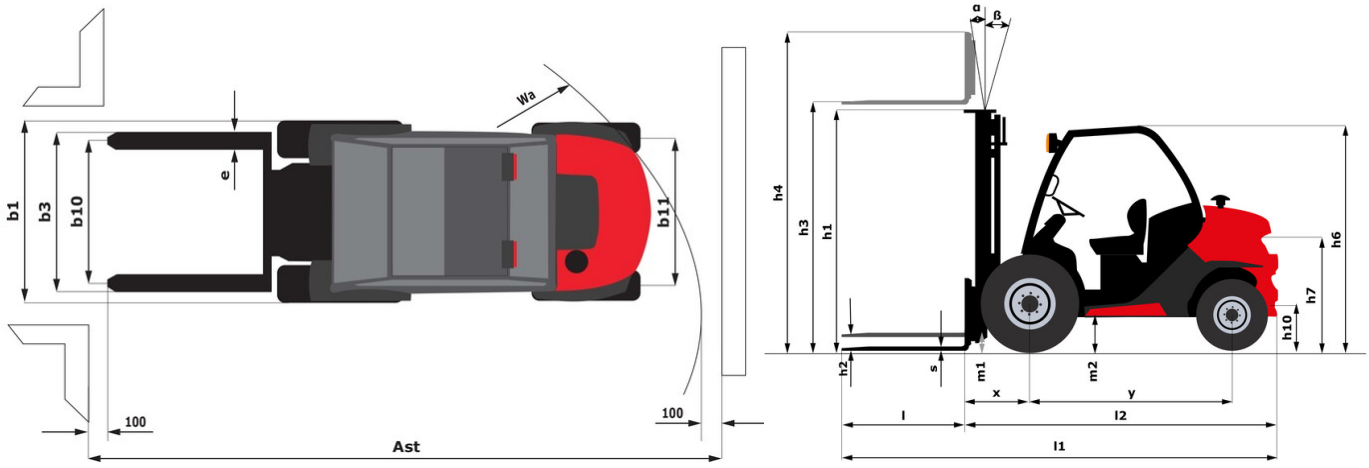
MC-X 30-4



MANITOU
HANDLING YOUR WORLD

	Technical characteristics		Imperial
1.1	Manufacturer		Manitou
1.2	Model Name		MC-X_30-4
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	25 in
1.9	Wheelbase	y	75 in
	Weight		
2.1	Service weight		9954 lb
2.2	Weight on front axle (laden) / rear axle (laden)		14539 lb / 2028 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		4012 lb / 5941 lb
	Wheels		
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		12,5/80-18/12 SL R4
3.3	Dimensions of rear wheels		27x10-12 SKS
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		4
3.6	Front wheel gauge	b10	46 in
3.7	Rear wheel gauge	b11	46 in
	Dimensions		
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	85 in / 78 in
4.8	Seat height/stand height	h7	43 in
4.19	Overall length	l1	167 in
4.20	Length to face of forks	l2	121 in
4.21	Overall width	b1	57 in
4.22	Forks section x width x length	s / e / l	2 in x 5 in / 45 in
4.23	Fork carriage ISO 2328 (class/form) A/B		3A
4.24	Fork carriage width	b3	50 in
4.31	Ground clearance below mast	m1	12 in
4.32	Ground clearance at centre of wheelbase	m2	12 in
4.35	Turning radius	Wa	135 in
	Performances		
5.1	Travel speed (laden / unladen)		7 mph / 15 mph
5.2	Lifting speed (laden / unladen)		2 ft/s / 2 ft/s
5.3	Lowering speed (laden / unladen)		2 ft/s / 0.98 ft/s
5.5	Drawbar pull (Laden / Unladen)		3270 daN / 1150 daN
5.7	Gradeability (laden / unladen)		40 % / 43 %
5.10	Service brake		Hydraulic brakes by loss of pressure
	Engine		
7.2	Engine power according to ISO 1585		36 kW
7.1	Engine brand / model		Kubota / V2403
7.2	Engine power according to ISO 1585		36 kW
7.3	Rated speed		2700 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 149 in³
	Miscellaneous		
8.1	Type of drive control		Cable
8.2	Working hydraulic pressure for attachments		2611 PSI
8.3	Oil flow rate for attachments		14 US gpm
8.4	Sound level at the driver's ear according to DIN 12 053		82 dB

MC-X 30-4 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 37	FVD 45
Mast/fork carriage tilt, forward	°	10	10	10
Mast/fork carriage tilt, backward	°	12	12	12
h1 - Mast lowered height	in	92	102.3	119.6
h2 - Mast free lift	in	4.6	4.6	4.6
h3 - Mast lifting height	in	129.9	145.7	177.2
h4 - Mast extended height	in	161	176.8	208.3
Height at max capacity	in	98.4	98.4	98.4

Free Lift Triplex (FLT)		FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
Mast/fork carriage tilt, forward	°	10	10	10	10	10	6
Mast/fork carriage tilt, backward	°	12	12	12	12	12	6
h1 - Mast lowered height	in	78.3	82.2	86141.7	92	96	109.8
h2 - Mast free lift	in	48.6	52.6	56.5	62.4	66.3	80.1
h3 - Mast lifting height	in	133.9	145.7	157.5	169.3	185	216.5
h4 - Mast extended height	in	166.8	178.6	190.4	202.2	218	249.4
Residual capacity at max height	lb	3483					
Height at max capacity	in	98.4	98.4	98.4	98.4	98.4	98.4

Full Visibility Triplex (FVT)		FVT 33
Mast/fork carriage tilt, forward	°	10
Mast/fork carriage tilt, backward	°	12
h1 - Mast lowered height	in	73.9
h2 - Mast free lift	in	5.1
h3 - Mast lifting height	in	129.9
h4 - Mast extended height	in	160.6
Height at max capacity	in	98.4

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