

Technical sheet :

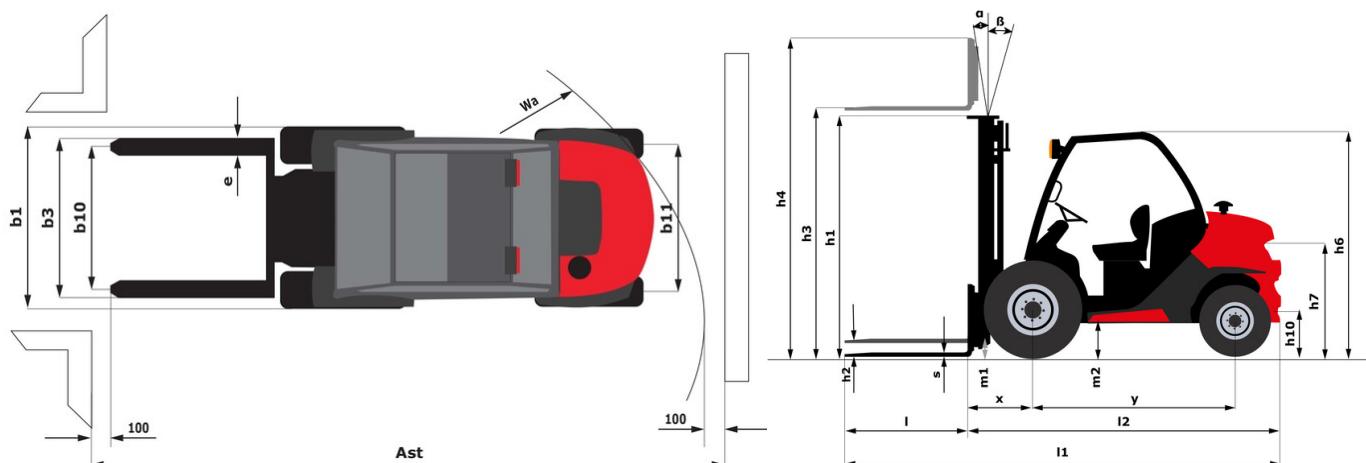
# MC-X 25-2



 **MANITOU**  
HANDLING YOUR WORLD

Technical characteristics		Metric	
1.1	Manufacturer	Manitou	
1.2	Model Name	MC-X 25-2	
1.3	Power source	Diesel	
1.4	Operator type	Seated	
1.5	Max. capacity	2500 kg	
1.6	Load center of gravity	500 mm	
1.8	Load distance, centre of drive axle to fork	621 mm	
1.9	Wheelbase	1900 mm	
<b>Weight</b>			
2.1	Service weight	3875 kg	
2.2	Weight on front axle (laden) / rear axle (laden)	5510 kg / 865 kg	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	1533 kg / 2342 kg	
<b>Wheels</b>			
3.1	Tires type	Pneumatic	
3.2	Dimensions of front wheels	12,5/80-18/12 SL R4	
3.3	Dimensions of rear wheels	7.00-12/12 ED PLUS	
3.5	Number of front wheels / rear wheels	2 / 2	
3.5.2	Number of drive wheels	2	
3.6	Front wheel gauge	1159 mm	
3.7	Rear wheel gauge	1112 mm	
<b>Dimensions</b>			
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggy version)	h6 / h6*	2155 mm / 1990 mm
4.8	Seat height/stand height	h7	1034 mm
4.19	Overall length	l1	4195 mm
4.20	Length to face of forks	l2	3045 mm
4.21	Overall width	b1	1450 mm
4.22	Forks section x width x length	s / e / l	40 mm x 122 mm / 1150 mm
4.23	Fork carriage ISO 2328 (class/form) A/B	b3	2A
4.24	Fork carriage width	m1	1260 mm
4.31	Ground clearance below mast	m2	300 mm
4.32	Ground clearance at centre of wheelbase	Wa	320 mm
4.35	Turning radius		2620 mm
<b>Performances</b>			
5.1	Travel speed (laden / unladen)		12 km/h / 24.90 km/h
5.2	Lifting speed (laden / unladen)		0.47 m/s / 0.46 m/s
5.3	Lowering speed (laden / unladen)		0.50 m/s / 0.30 m/s
5.10	Service brake		Hydraulic brakes by loss of pressure
	Transmission type		Hydrostatic
<b>Engine</b>			
7.1	Engine brand / model / norm		Kubota / V2403 / Stage IIIA
7.2	Engine power (Hp / kW)		49 Hp/36 kW
7.3	Rated speed		2700 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 2434 cm <sup>3</sup>
<b>Miscellaneous</b>			
8.1	Type of drive control		Cable
8.2	Working hydraulic pressure for attachments		180 bar
8.3	Oil flow rate for attachments		53 l/min
8.4	Sound level at the driver's ear according to DIN 12 053		82 dB

## MC-X 25-2 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)	
α - Mast/fork carriage tilt, forward	°
β - Mast/fork carriage tilt, backward	°
h1 - Mast lowered height	mm
h2 - Mast free lift	mm
h3 - Mast lifting height	mm
h4 - Mast extended height	mm
Height at max capacity	mm

FVD 33	FVD 37	FVD 45
10	10	10
12	12	12
2338	2598	3038
112	112	112
3300	3700	4500
4090	4490	5290
2500	2500	2500

Free Lift Triplex (FLT)	
α - Mast/fork carriage tilt, forward	°
β - Mast/fork carriage tilt, backward	°
h1 - Mast lowered height	mm
h2 - Mast free lift	mm
h3 - Mast lifting height	mm
h4 - Mast extended height	mm
Height at max capacity	mm

FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
10	10	10	10	10	6
12	12	12	12	12	6
1988	2088	2188	2338	2438	2788
1210	1310	1410	1510	1660	1920
3400	3700	4000	4300	4700	5500
4236	4536	4836	5168	5536	6408
2500	2500	2500	2500	2500	2500

Full Visibility Triplex (FVT)	
α - Mast/fork carriage tilt, forward	°
β - Mast/fork carriage tilt, backward	°
h1 - Mast lowered height	mm
h2 - Mast free lift	mm
h3 - Mast lifting height	mm
h4 - Mast extended height	mm
Height at max capacity	mm

FVT 33
10
12
1878
124
3300
4079
2500

**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](http://www.manitou.com)

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