Technical sheet:

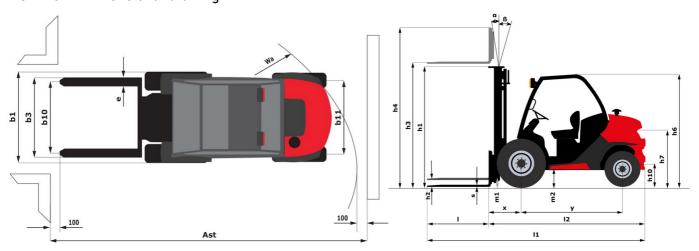
## MC-X 25-2





Tech	nical characteristics		Metric
I.1 Manu	facturer		Manitou
.2 Mode	I Name		MC-X 25-2
1.3 Powe	r source		Diesel
1.4 Opera	otor type		Seated
1.5 Max.	capacity	Q	2500 kg
1.6 Load	center of gravity	С	500 mm
1.8 Load	distance, centre of drive axle to fork	x	621 mm
1.9 Whee	Ibase	у	1900 mm
Weig	nt Control of the Con		
2.1 Service	ee weight		3875 kg
2.2 Weigh	nt on front axle (laden) / rear axle (laden)		5510 kg / 865 kg
2.3 Weigh	nt on front axle (Unladen) / rear axle (Unladen)		1533 kg / 2342 kg
Whee	ls .		
3.1 Tires	type		Pneumatic
3.2 Dime	nsions of front wheels		12,5/80-18/12 SL R4
3.3 Dime	nsions of rear wheels		7.00-12/12 ED PLUS
3.5 Numb	per of front wheels / rear wheels		2/2
3.5.2 Numb	per of drive wheels		2
3.6 Front	wheel gauge	b10	1159 mm
3.7 Rear	wheel gauge	b11	1112 mm
Dime	nsions		
4.7 Heigh	nt of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	2155 mm / 1990 mm
4.8 Seat	neight/stand height	h7	1034 mm
4.19 Overa	II length	l1	4195 mm
4.20 Lengt	h to face of forks	12	3045 mm
4.21 Overa	II 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		2A
4.24 Fork	carriage width	b3	1260 mm
4.31 Groun	d clearance below mast	m1	300 mm
4.32 Groun	d clearance at centre of wheelbase	m2	320 mm
4.35 Tumii	ng radius	Wa	2620 mm
Perfo	mances		
5.1 Trave	speed (laden / unladen)		12 km/h / 24.90 km/h
5.2 Liftin	g speed (laden / unladen)		0.47 m/s / 0.46 m/s
5.3 Lowe	ring speed (laden / unladen)		0.50 m/s / 0.30 m/s
5.10 Service	e brake		Hydraulic brakes by loss of pressure
Trans	mission type		Hydrostatic
Engir	e		
7.1 Engin	e brand / model / norm		Kubota / V2403 / Stage IIIA
7.2 I.C. E	ngine power rating		36 kW
	speed		2700 rpm
7.4 Numb	per of cylinders / Capacity of cylinders		4 - 2434 cm³
Misc	ellaneous		
8.1 Type	of drive control		Cable
8.2 Worki	ng hydraulic pressure for attachments		180 bar
8.3 Oil flo	ow rate for attachments		53 l/min
8.4 Sound	d 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)		FVD 33	FVD 37	FVD 45
α - Mast/fork carriage tilt, forward	٠	10	10	10
β - Mast/fork carriage tilt, backward	٠	12	12	12
h1 - Mast lowered height	mm	2338	2598	3038
h2 - Mast free lift	mm	112	112	112
h3 - Mast lifting height	mm	3300	3700	4500
h4 - Mast extended height	mm	4090	4490	5290
Height at max capacity	mm	2500	2500	2500

Free Lift Triplex (FLT)		FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
α - Mast/fork carriage tilt, forward	۰	10	10	10	10	10	6
β - Mast/fork carriage tilt, backward	٠	12	12	12	12	12	6
h1 - Mast lowered height	mm	1988	2088	2188	2338	2438	2788
h2 - Mast free lift	mm	1210	1310	1410	1510	1660	1920
h3 - Mast lifting height	mm	3400	3700	4000	4300	4700	5500
h4 - Mast extended height	mm	4236	4536	4836	5168	5536	6408
Height at max capacity	mm	2500	2500	2500	2500	2500	2500

Full Visibility Triplex (FVT)		FVT 33
α - Mast/fork carriage tilt, forward	•	10
β - Mast/fork carriage tilt, backward	۰	12
h1 - Mast lowered height	mm	1878
h2 - Mast free lift	mm	124
h3 - Mast lifting height	mm	3300
h4 - Mast extended height	mm	4079
Height at max capacity	mm	2500





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