Technical sheet:

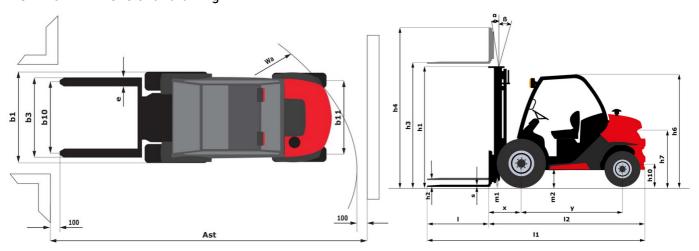
MC-X 25-2





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Tech	nnical characteristics		Metric
1.1 Man	ufacturer		Manitou
1.2 Mod	el Name		MC-X 25-2
1.3 Powe	er source		Diesel
1.4 Oper	ator type		Seated
1.5 Max	. capacity	Q	2500 kg
1.6 Load	I center of gravity	С	500 mm
1.8 Load	I distance, centre of drive axle to fork	x	621 mm
1.9 Whe	elbase	у	1900 mm
Weig	yht en		
2.1 Servi	ce weight		3875 kg
2.2 Weig	ht on front axle (laden) / rear axle (laden)		5510 kg / 865 kg
2.3 Weig	ht on front axle (Unladen) / rear axle (Unladen)		1533 kg / 2342 kg
Whe	els		
3.1 Tires	type		Pneumatic
3.2 Dime	ensions of front wheels		12,5/80-18/12 SL R4
3.3 Dime	ensions of rear wheels		7.00-12/12 ED PLUS
3.5 Num	ber of front wheels / rear wheels		2 / 2
3.5.2 Num	ber of drive wheels		2
3.6 From	t wheel gauge	b10	1159 mm
3.7 Rear	wheel gauge	b11	1112 mm
Dime	ensions		
4.7 Heig	ht of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	2155 mm / 1990 mm
4.8 Seat	height/stand height	h7	1034 mm
4.19 Over	all length	I1	4195 mm
4.20 Leng	yth to face of forks	12	3045 mm
4.21 Over	all width	b1	1450 mm
4.22 Fork	s 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 Grou	nd clearance below mast	m1	300 mm
4.32 Grou	nd clearance at centre of wheelbase	m2	320 mm
4.35 Tum	ing radius	Wa	2620 mm
Perf	omances		
5.1 Trave	el speed (laden / unladen)		12 km/h / 24.90 km/h
5.2 Liftin	ng speed (laden / unladen)		0.47 m/s / 0.46 m/s
5.3 Lowe	ering speed (laden / unladen)		0.50 m/s / 0.30 m/s
5.10 Servi	ce brake		Hydraulic brakes by loss of pressure
Tran	smission type		Hydrostatic
Engi	ne .		
7.1 Engi	ne brand / model / norm		Kubota / V2403 / Stage IIIA
7.2 I.C. I	Engine power rating		36 kW
7.3 Rate	d speed		2700 rpm
7.4 Num	ber of cylinders / Capacity of cylinders		4 - 2434 cm³
Misc	cellaneous		
8.1 Type	of drive control		Cable
8.2 Work	ring hydraulic pressure for attachments		180 bar
8.3 Oil fl	ow rate for attachments		53 I/min
8.4 Sour	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	۰	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	٠	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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