Technical sheet:

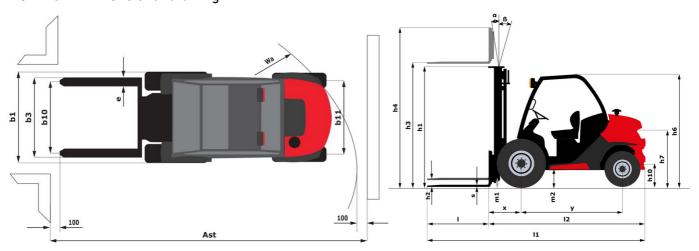
MC-X 25-2





Techni	cal characteristics		Metric
I.1 Manuf	acturer		Manitou
1.2 Model	Name		MC-X 25-2
1.3 Power	source		Diesel
1.4 Operat	or type		Seated
1.5 Max. c	apacity	Q	2500 kg
1.6 Load c	enter of gravity	С	500 mm
1.8 Load d	istance, centre of drive axle to fork	x	621 mm
1.9 Wheeli	pase	у	1900 mm
Weight			
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
Wheels			
3.1 Tires ty	ре		Pneumatic
3.2 Dimen	sions of front wheels		12,5/80-18/12 SL R4
3.3 Dimen	sions of rear wheels		7.00-12/12 ED PLUS
3.5 Number	r of front wheels / rear wheels		2 / 2
3.5.2 Number	r of drive wheels		2
3.6 Front w	heel gauge	b10	1159 mm
3.7 Rear w	neel gauge	b11	1112 mm
Dimen	sions		
4.7 Height	of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	2155 mm / 1990 mm
4.8 Seat he	eight/stand height	h7	1034 mm
4.19 Overall	length	l1	4195 mm
4.20 Length	to face of forks	12	3045 mm
4.21 Overall	width	b1	1450 mm
4.22 Forks	ection x width x length	s / e / l	40 mm x 122 mm / 1150 mm
4.23 Fork ca	rriage ISO 2328 (class/form) A/B		2A
4.24 Fork ca	rriage width	b3	1260 mm
4.31 Ground	clearance below mast	m1	300 mm
4.32 Ground	clearance at centre of wheelbase	m2	320 mm
4.35 Turning	radius	Wa	2620 mm
Perfor	nances		
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 Loweri	ng speed (laden / unladen)		0.50 m/s / 0.30 m/s
5.10 Service	brake		Hydraulic brakes by loss of pressure
Transn	nission type		Hydrostatic
Engine			
7.1 Engine	brand / model / norm		Kubota / V2403 / Stage IIIA
7.2 Engine	power (Hp / kW)		49 Hp/36 kW
7.3 Rated s	peed		2700 rpm
7.4 Numbe	r of cylinders / Capacity of cylinders		4 - 2434 cm³
Miscel	laneous		
8.1 Type o	drive control		Cable
8.2 Workin	g hydraulic pressure for attachments		180 bar
8.3 Oil flow	rate for attachments		53 I/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)		FVD 33	FVD 37	FVD 45
α - Mast/fork carriage tilt, forward	۰	10	10	10
β - Mast/fork carriage tilt, backward	۰	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	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





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



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