Technical sheet :





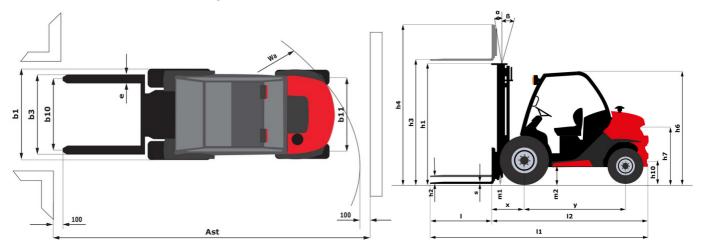


	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	С
1.8	Load distance, centre of drive axle to fork	x
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
	Wheels	
3.1	Tires type	
3.2	Dimensions of front wheels	
3.3	Dimensions of rear wheels	
3.5	Number of front wheels / rear wheels	
3.5.2	Number of drive wheels	
3.6	Front wheel gauge	b10
3.7	Rear wheel gauge	b11
	Dimensions	
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6
4.8	Seat height/stand height	h7
4.19	Overall length	1
4.20	Length to face of forks	12
4.21	Overall width	b1
4.22	Forks section x width x length	s/e/
4.23	Fork carriage ISO 2328 (class/form) A/B	5707
4.24	Fork carriage width	b3
4.31	Ground clearance below mast	m1
4.31	Ground clearance at centre of wheelbase	m2
4.35	Tuming radius	Wa
4.55	Performances	Wa
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.5	Drawbar pull (Laden / Unladen)	
5.7	Gradeability (laden / unladen)	
5.10	Service brake	
5.10	Transmission type	
	Engine	
7.1	Engine Engine brand / model / norm	
7.1	Engine brand / model / norm I.C. Engine power rating	
7.2		
	Rated speed	
7.4	Number of cylinders / Capacity of cylinders	
0.1	Miscellaneous	
8.1	Type of drive control	
8.2	Working hydraulic pressure for attachments	
8.3	Oil flow rate for attachments	
8.4	Sound level at the driver's ear according to DIN 12 053	

	Metric
	Manitou
	MC-X 30-2
	Diesel
	Seated
Q	3000 kg
С	500 mm
х	626 mm
у	1900 mm
	4355 kg
	6435 kg / 920 kg
	1660 kg / 2695 kg
	Pneumatic
	12,5/80-18/12 SL R4
	7,00-12/12 ED PLUS
	2 / 2
	2
b10	1159 mm
b11	1176 mm
h6 / h6*	2155 mm / 1990 mm
h7	1094 mm
1	4265 mm
12	3085 mm
b1	1450 mm
s / e / l	45 mm x 122 mm / 1150 mm
	3A
b3	1260 mm
m1	300 mm
m2	310 mm
Wa	2650 mm
	12 km/h / 24.90 km/h
	0.47 m/s / 0.46 m/s
	0.50 m/s / 0.30 m/s
	1810 daN / 1150 daN
	23 % / 26 %
	Hydraulic brakes by loss of pressure
	Hydrostatic
	Kubota / V2403 / Stage IIIA
	36 kW
	2700 rpm
	4 - 2434 cm ³
	Cable
	180 bar
	53 l/min
	82 dB

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MC-X 30-2 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 45
a - Mast/fork carriage tilt, forward	٥	10
β - Mast/fork carriage tilt, backward	٥	12
h1 - Mast lowered height	mm	3038
h2 - Mast free lift	mm	117
h3 - Mast lifting height	mm	4500
h4 - Mast extended height	mm	5290
Height at max capacity	mm	2500

Free Lift Triplex (FLT)		FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
a - Mast/fork carriage tilt, forward	۰	10	10	10	10	10	6
β - Mast/fork carriage tilt, backward	٥	12	12	12	12	12	6
h1 - Mast lowered height	mm	1988	1988	2188	2338	2438	2788
h2 - Mast free lift	mm	1235	1335	1435	1585	1685	2035
h3 - Mast lifting height	mm	3400	3700	4000	4300	4700	5500
h4 - Mast extended height	mm	4236	4536	4836	5136	5536	6336
Residual capacity at max height	kg	1580					
Height at max capacity	mm	2500	2500	2500	2500	2500	2500

Full Visibility Triplex (FVT)		FVD 33	FVD 37	FVT 33
α - Mast/fork carriage tilt, forward	۰	10	10	10
β - Mast/fork carriage tilt, backward	٥	12	12	12
h1 - Mast lowered height	mm	2338	2598	1878
h2 - Mast free lift	mm	117	117	129
h3 - Mast lifting height	mm	3300	3700	3300
h4 - Mast extended height	mm	4090	4490	4079
Height at max capacity	mm	2500	2500	2500



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