Technical sheet :





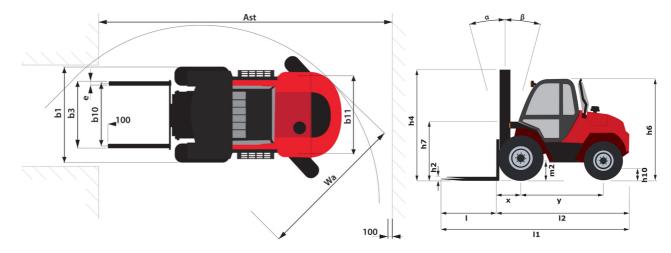


	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	С
1.8	Load distance, centre of drive axle to fork	х
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight 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	b1(
	Dimensions	
4.7	Height of overhead guard (cabin)	h6
4.19	Overall length	11
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	
4.24	Fork carriage width	b3
4.31	Ground clearance below mast	m1
4.32	Ground clearance at centre of wheelbase	m2
4.35	Turning radius	Wa
	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.5	Drawbar pull (Laden / Unladen)	
5.10	Service brake	
	Engine	
7.1	Engine brand / model / norm	
7.2	I.C. Engine power rating	
7.3	Rated speed	
7.4	Number of cylinders / Capacity of cylinders	
	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	

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	Metric
	Manitou
	M-X 30-2
	Diesel
	Seated
Q	3000 kg
С	500 mm
х	697 mm
у	2100 mm
,	
	5090 kg
	7050 kg / 1040 kg
	2250 kg / 2840 kg
	Inflatable
	3.2: 440/80-24 8TN5 A325 168A8
	10R17,5 G291 134M
	2 / 2
	2
b10	1670 mm
h6	2460 mm
11	4642 mm
12	3630 mm
b1	2100 mm
s/e/l	125 mm x 1200 mm / 40 mm
3/0/1	3A
L0	3A 1470 mm
b3	
m1	380 mm
m2	385 mm
Wa	3210 mm
	24 km/h / 22 km/h
	0.50 m/s / 0.60 m/s
	0.50 m/s / 0.50 m/s
	4830 daN / 1873 daN
	Hydraulic
	Perkins / 1104D-44T NL38894 / Stage IIIA
	70 kW
	2360 rpm
	4 - 4400 cm ³
	Hydraulic
	185 bar
	85 l/min
	72 dB
	, 2 00

M-X 30-2 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 37	FVD 45
α - Mast/fork carriage tilt, forward	۰	6	6
β - Mast/fork carriage tilt, backward	۰	12	12
h1 - Mast lowered height	mm	2785	3225
h2 - Mast free lift	mm	130	130
h4 - Mast extended height	mm	4815	5615
Residual capacity at max height	kg	3000	3000
Residual capacity with integrated side shift at max heigth	kg	3000	3000
Height at max capacity	mm	2500	2500

Free Lift Triplex (FLT)		FLT 43	FLT 50
a - Mast/fork carriage tilt, forward	۰	6	б
β - Mast/fork carriage tilt, backward	۰	12	12
h1 - Mast lowered height	mm	2525	2785
h2 - Mast free lift	mm	1533	1793
h4 - Mast extended height	mm	5332	6032
Residual capacity at max height	kg	3000	
Residual capacity with integrated side shift at max heigth	kg	2500	1500
Height at max capacity	mm	2500	2500

Full Visibility Triplex (FVT)		FVT 55
α - Mast/fork carriage tilt, forward	۰	6
β - Mast/fork carriage tilt, backward	۰	12
h1 - Mast lowered height	mm	3055
h4 - Mast extended height	mm	6725
Residual capacity at max height	kg	1500
Residual capacity with integrated side shift at max heigth	kg	1100
Height at max capacity	mm	2500



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