Technical sheet :







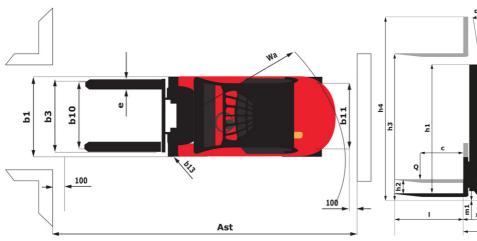
	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	
1.6	Load center of gravity	
1.8	Load distance, centre of drive axle to fork	
1.9	Wheelbase	
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
2.5	Wheels	
0.1		
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	
3.7	Rear wheel gauge	_
	Dimensions	
4.7	Height of overhead guard (cabin)	
4.8	Seat height/stand height	
4.12	Height of towing bar (coupling height)	
4.19	Overall length	
4.20	Length to face of forks	
4.21	Overall width	
4.21	Overall width - Single wheels	
4.22	Forks section / width / length	
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	
4.31	Ground clearance below mast	
4.32	Ground clearance at centre of wheelbase	
4.33	Aisle Width for pallets 1000 x 1200 crossways	
4.34	Aisle width for 800 x 1200 pallet lengthways	
4.35	Tuming radius	
4.36	Internal turning radius (over tyres)	
5.4	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)	
5.7	Gradeability (laden / unladen)	
5.10	Service brake	
	Transmission type	
	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	
8.2	Working hydraulic pressure for attachments	
8.3	Oil flow rate for attachments	
8.4	Measured/guaranteed mean noise level at the ear of the operator	
8.4	Sound level at the driver's ear according to DIN 12 053	

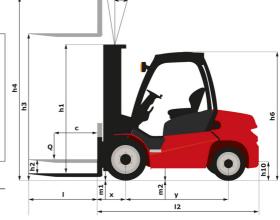
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	Metric
	MANITOU
	MI-X 30 D
	Diesel
	Seated
Q	3000 kg
c	5000 kg
	480 mm
x	
у	1700 mm
	4610 hrs
	4610 kg
	6650 kg / 960 kg
	1860 kg / 2750 kg
	Inflatable
	28-9-15 12
	6.50-10 10
	2 / 2
	2
b10	1005 mm
b11	975 mm
h6	2130 mm
h7	1215 mm
h10	355 mm
11	3875 mm
12	2715 mm
b1	1225 mm
b1	1225 mm
s/e/l	45 mm x 122 mm x 1150 mm
	3A
b3	1100 mm
m1	130 mm
m2	200 mm
Ast	4140 mm
Ast	4340 mm
Wa	2460 mm
b13	160 mm
	18 km/h-18.50 km/h
	0.45 m/s-0.52 m/s
	0.43 m/s-0.48 m/s
	1600 daN / 1380 daN
	20 % / 20 %
	Hydraulic
	Torque converter
	Torque convener
	Yanmar / 4TNV94L-BXPHZ / Stage IIIA
	35 kW
	2400 rpm 4 - 3054 cm <sup>3</sup>
	4 - 3054 CM*
	160 has
	160 bar
	69 l/min
	< 84 dB
	84 dB

## MI-X 30 D - Dimensional drawing





## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 40
a - Mast/fork carriage tilt, forward	٥	6	6
β - Mast/fork carriage tilt, backward	٥	12	12
h1 - Mast lowered height	mm	2050	2650
h2 - Mast free lift	mm	145	145
h3 - Mast lifting height	mm	3000	4000
h4 - Mast extended height	mm	3735	4735
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	3000	4000
Height at max capacity with integrated sideshift	mm		4000

Free Lift Duplex (FLD)		FLD 33	FLD 37	FLD 40	FVD 33
α - Mast/fork carriage tilt, forward	۰	6	6	6	6
$\beta$ - Mast/fork carriage tilt, backward	٥	12	12	12	12
h1 - Mast lowered height	mm	2230	2430	2580	2200
h2 - Mast free lift	mm	1475	1675	1825	145
h3 - Mast lifting height	mm	3300	3700	4000	3300
h4 - Mast extended height	mm	4055	4455	4755	4035
Residual capacity at max height	kg	3000	3000	3000	3000
Residual capacity with integrated side shift at max heigth	kg	3000	3000	3000	3000
Height at max capacity	mm	3300	3700	4000	3300
Height at max capacity with integrated sideshift	mm	3300	3700	4000	3300

Free Lift Triplex (FLT)		FLT 43	FLT 45	FLT 47	FLT 55	FLT 60	FLT 65
α - Mast/fork carriage tilt, forward	۰	6	6	6	3	3	3
β - Mast/fork carriage tilt, backward	٥	6	6	6	6	6	6
h1 - Mast lowered height	mm	2115	2165	2215	2515	2765	2915
h2 - Mast free lift	mm	1360	1410	1460	1760	2010	2160
h3 - Mast lifting height	mm	4300	4500	4700	5500	6000	6500
h4 - Mast extended height	mm	5055	5305	5455	6255	6805	7255
Residual capacity at max height	kg	2950	2900	2800	1850	1400	1300
Residual capacity with integrated side shift at max heigth	kg	2850	2800	2700	1750	1300	1250
Height at max capacity	mm	4000	4000	4000	4000	4000	2500
Height at max capacity with integrated sideshift	mm	4000	4000	4000			



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