Technical sheet :



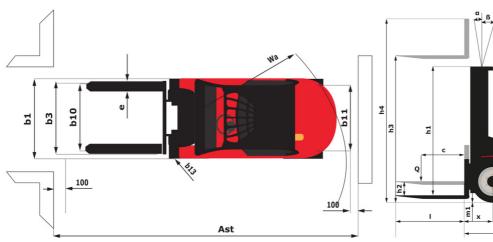


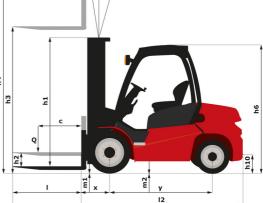


	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	
1.6	Load center of gravity	
1.8	Load distance, centre of drive axle to fork	
1.9	Wheelbase	
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight 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	

Metric MANITOU	-
MANITOU	
MI-X 30 D	
Diesel	
Seated	
Q 3000 kg	
c 500 mm	
x 480 mm	
y 1700 mm	
4610 kg	
6650 kg / 960 kg	
1860 kg / 2750 kg	
1000 kg / 2/00 kg	
Super Elastic	
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	
l1 3875 mm	
l2 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	
TUILLE CUIVEILE	
Yanmar / 4TNV94L-BXPHZ / Stage	IIIA
Yanmar / 4TNV94L-BXPHZ / Stage 35 kW	IIIA
Yanmar / 4TNV94L-BXPHZ / Stage 35 kW 2400 rpm	IIIA
Yanmar / 4TNV94L-BXPHZ / Stage 35 kW	IIIA
Yanmar / 4TNV94L-BXPHZ / Stage 35 kW 2400 rpm 4 - 3054 cm³	
Yanmar / 4TNV94L-BXPHZ / Stage 35 kW 2400 rpm 4 - 3054 cm³ 160 bar	
Yanmar / 4TNV94L-BXPHZ / Stage 35 kW 2400 rpm 4 - 3054 cm <sup>3</sup> 160 bar 69 l/min	
Yanmar / 4TNV94L-BXPHZ / Stage 35 kW 2400 rpm 4 - 3054 cm³ 160 bar	

## MI-X 30 D - Dimensional drawing





## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 40
α - Mast/fork carriage tilt, forward	۰	6	6
$\beta$ - Mast/fork carriage tilt, backward	۰	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 °		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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