Technical sheet :





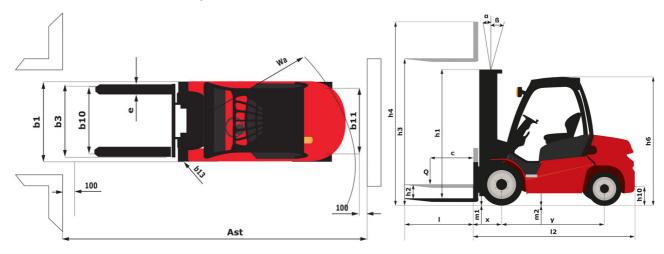


	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	С
1.8	Load distance, centre of drive axle to fork	х
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight 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	b10
3.7	Rear wheel gauge	b10
0.7	Dimensions	511
4.7	Height of overhead guard (cabin)	h6
4.7	Seat height/stand height	h7
4.0	Height of towing bar (coupling height)	h10
4.12	Overall length	1
4.19	Length to face of forks	12
4.20	Overall width	b1
		b1
4.21	Overall width - Single wheels	
4.22	Forks section / width / length	s / e /
4.24	Fork carriage width	b3
4.31	Ground clearance below mast	m1
4.32	Ground clearance at centre of wheelbase	m2
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast
4.35	Turning radius	Wa
4.36	Internal turning radius (over tyres)	b13
	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	

## MI-X 100 D Created on July 3, 2025 at 9:46 PM UTC

	Meulo						
	Manitou						
	MI-X 100 D						
	Diesel						
	Seated						
2	10000 kg						
:	600 mm						
	732 mm						
	2800 mm						
/	2800 11111						
	10500 hr						
	13590 kg						
	21330 kg / 2560 kg						
	6430 kg / 7160 kg						
	Pneumatic						
	9.00-20-14PR						
	9.00-20-14PR						
	4 / 2						
	4						
0	1628 mm						
1	1700 mm						
6	2580 mm						
7	1505 mm						
0	505 mm						
1	5742 mm						
2	4242 mm						
- 1	2165 mm						
1	2165 mm						
• e / I	80 mm x 160 mm x 1520 mm						
3	2044 mm						
1	190 mm						
2	339 mm						
st	5973 mm						
st	6134 mm						
a	3940 mm						
3	1396 mm						
	26 km/h-31 km/h						
	0.32 m/s-0.35 m/s						
	0.45 m/s-0.36 m/s						
	8300 daN / 5400 daN						
	44 % / 44 %						
	Hydraulic						
	Torque converter						
	Cummins / QSB4,5 / Stage IIIA						
	82 kW						
	2200 rpm						
	4 - 4500 cm <sup>3</sup>						
	195 bar						
	180 l/min						
	< 88 dB						
	88 dB						

## MI-X 100 D - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 36	FVD 40	FVD 45	FVD 50
α - Mast/fork carriage tilt, forward	٥	6	б	6	б	6	6
$\beta$ - Mast/fork carriage tilt, backward	٥	12	12	12	12	6	6
h1 - Mast lowered height	mm	2850	3000	3150	3350	3650	3900
h2 - Mast free lift	mm	200	200	200	200	200	200
h3 - Mast lifting height	mm	3000	3300	3600	4000	4500	5000
h4 - Mast extended height	mm	4555	4855	5155	5555	6055	6555
Residual capacity at max height	kg	10000	10000	10000	10000	10000	10000
Height at max capacity	mm	3000	3300	3600	4000	4500	5000

Free Lift Triplex (FLT)		FLT 45	FLT 48	FLT 50	FLT 55	FLT 60
α - Mast/fork carriage tilt, forward	٥	6	6	б	3	3
$\beta$ - Mast/fork carriage tilt, backward	٥	6	6	6	6	6
h1 - Mast lowered height	mm	2850	2850	3050	3200	3350
h2 - Mast free lift	mm	1305	1405	1505	1655	1805
h3 - Mast lifting height	mm	4500	4800	5000	5500	6000
h4 - Mast extended height	mm	6055	6355	6555	7055	7555
Residual capacity at max height	kg	8500	8500	8200	7700	7000
Height at max capacity	mm	4500	4800	5000	5500	6000



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