Technical sheet :





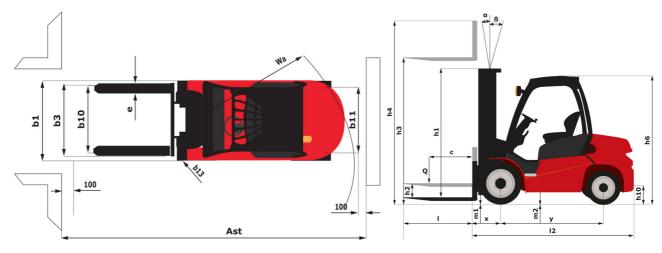


Technical characteristics	
Manufacturer	
Model Name	
Power source	
Operator type	
Max. capacity	
Load center of gravity	
Load distance, centre of drive axle to fork	
Wheelbase	
Weight	
Service weight	
Weight on front axle (laden) / rear axle (laden)	
Weight on front axle (Unladen) / rear axle (Unladen)	
Wheels	
Tires type	
Dimensions of front wheels	
Dimensions of rear wheels	
Number of front wheels / rear wheels	
2 Number of drive wheels	
Front wheel gauge	
Rear wheel gauge	
Dimensions	
Height of overhead guard (cabin)	
Seat height/stand height	
2 Height of towing bar (coupling height)	
9 Overall length	
D Length to face of forks	
1 Overall width	
1 Overall width - Single wheels	
2 Forks section / width / length	
4 Fork carriage width	
1 Ground clearance below mast	
2 Ground clearance at centre of wheelbase	
3 Aisle Width for pallets 1000 x 1200 crossways	
4 Aisle width for 800 x 1200 pallet lengthways	
5 Tuming radius	
6 Internal turning radius (over tyres)	
Performances	
Travel speed (laden / unladen)	
Lifting speed (laden / unladen)	
Lowering speed (laden / unladen)	
Drawbar pull (Laden / Unladen)	
Gradeability (laden / unladen)	
D Service brake	
Transmission type	
Engine Engine brand / model / norm	
Engine brand / model / norm	
Rated speed	
Number of cylinders / Capacity of cylinders	
Miscellaneous	
Working hydraulic pressure for attachments	
Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator	

MI-X 100 D Created on August 20, 2025 at 3:51 PM UTC Metric Manitou

	Metric
	Manitou
	MI-X 100 D
	Diesel
	Seated
	10000 kg
	600 mm
	732 mm
	2800 mm
	13590 kg
	21330 kg / 2560 kg
	6430 kg / 7160 kg
	0400 kg / 7100 kg
	Pneumatic
	9.00-20-14PR
	9.00-20-14PR
	4 / 2
	4 / 2
	4 1628 mm
	1700 mm
	0500
	2580 mm
	1505 mm
1	505 mm
	5742 mm
	4242 mm
	2165 mm
	2165 mm
/1	80 mm x 160 mm x 1520 mm
	2044 mm
	190 mm
	339 mm
	5973 mm
	6134 mm
	3940 mm
	1396 mm
	06 km /k 01 km /k
	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 cm³
	10E ber
	195 bar
	180 l/min
	< 88 dB
	< 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
β - 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	б	6	3	3
β - Mast/fork carriage tilt, backward	٥	6	6	6	б	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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