Technical sheet:

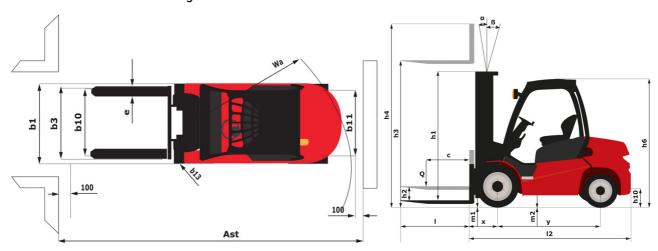
MI-X 80 D





		realed on August 2, 2025 at 4.55 AM
Technical characteristics		Metric
Manufacturer		Manitou
Model Name		MI-X 80 D
Power source		Diesel
Operator type		Seated
Max. capacity	Q	8000 kg
Load center of gravity	C	600 mm
Load distance, centre of drive axle to fork	x	705 mm
Wheelbase	У	2500 mm
Weight	,	2000 111111
Service weight		11790 kg
Weight on front axle (laden) / rear axle (laden)		17670 kg / 2120 kg
Wheels		17070 kg / 2120 kg
		Do como eti e
Tires type		Pneumatic 2 22 22 11 PD
Dimensions of front wheels		9.00-20-14PR
Dimensions of rear wheels		9.00-20-14PR
Number of front wheels / rear wheels		4 / 2
Number of drive wheels		4
Front wheel gauge	b10	1628 mm
Rear wheel gauge	b11	1700 mm
Dimensions		
Height of overhead guard (cabin)	h6	2580 mm
Seat height/stand height	h7	1505 mm
Height of towing bar (coupling height)	h10	505 mm
Overall length	I1	5395 mm
Length to face of forks	12	3895 mm
Overall width	b1	2165 mm
Overall width - Single wheels	b1	2165 mm
Forks section / width / length	s / e / l	75 mm x 160 mm x 1520 mm
Fork carriage ISO 2328 (class/form) A/B		4A
Ground clearance below mast	m1	185 mm
Ground clearance at centre of wheelbase	m2	339 mm
Aisle Width for pallets 1000 x 1200 crossways	Ast	5637 mm
Aisle width for 800 x 1200 pallet lengthways	Ast	5803 mm
Internal turning radius (over tyres)	b13	1327 mm
Performances	5.5	1027
Travel speed (laden / unladen)		28 km/h-32 km/h
Lifting speed (laden / unladen)		0.43 m/s-0.46 m/s
Lowering speed (laden / unladen)		0.45 m/s-0.36 m/s
Drawbar pull (Laden / Unladen)		7860 daN / 4500 daN
. ,		44 % / 44 %
Gradeability (laden / unladen)		
Service brake		Hydraulic
Transmission type		Torque converter
Engine		
Engine brand / model / norm		Cummins / QSB4,5 / Stage IIIA
I.C. Engine power rating		82 kW
Rated speed		2200 rpm
Number of cylinders / Capacity of cylinders		4 - 4500 cm³
Miscellaneous		
Oil flow rate for attachments		180 l/min
Measured/guaranteed mean noise level at the ear of the operator		< 88 dB
Sound level at the driver's ear according to DIN 12 053		88 dB

MI-X 80 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	۰	6	6	6	6	6	6
β - Mast/fork carriage tilt, backward	٠	12	12	12	12	6	6
h1 - Mast lowered height	mm	2700	2850	3000	3200	3500	3750
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	4210	4510	4810	5210	5710	6210
Residual capacity at max height	kg	8000	8000	8000	8000	8000	8000
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	۰	6	6	6	3	3
β - Mast/fork carriage tilt, backward	٠	6	6	6	6	6
h1 - Mast lowered height	mm	2750	2850	2950	3100	3250
h2 - Mast free lift	mm	1485	1585	1600	1800	1985
h3 - Mast lifting height	mm	4500	4800	5000	5500	6000
h4 - Mast extended height	mm	5775	6075	6360	6810	7275
Residual capacity at max height	kg	7000	7000	6500	6100	5600
Height at max capacity	mm	4500	4800	5000	5500	6000





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