Technical sheet :



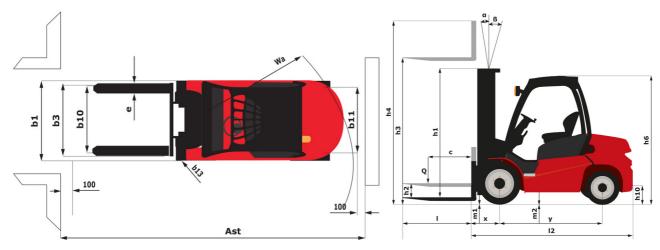




	Technical characteristics
	Manufacturer
	Model Name
	Power source
	Operator type
	Max. capacity
	Load center of gravity
	Load distance, centre of drive axle to fork
	Wheelbase
	Weight
	Service weight
	Weight on front axle (laden) / rear axle (laden)
	Wheels
	Tires type
	Dimensions of front wheels
	Dimensions 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)
)	Overall length
1	Length to face of forks
	Overall width
	Overall width - Single wheels
2	Forks section / width / length
3	Fork carriage ISO 2328 (class/form) A/B
	Ground clearance below mast
2	Ground clearance at centre of wheelbase
}	Aisle Width for pallets 1000 x 1200 crossways
Ļ	Aisle width for 800 x 1200 pallet lengthways
ò	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)
	Service brake
	Engine
	Engine brand / model
	Engine power according to ISO 1585
	Rated speed
	Number of cylinders / Capacity of cylinders
	Miscellaneous
	Oil flow rate for attachments
	Measured/guaranteed mean noise level at the ear of the operator
	Sound level at the driver's ear according to DIN 12 053

Metric Manitou MI-X 80 D Diesel Seated 8000 kg 600 mm 705 mm 2500 mm 11790 kg 17670 kg / 2120 kg Pneumatic 9.00-20-14PR 9.00-20-14PR 4/2 4 1628 mm 1700 mm 2580 mm 1505 mm 505 mm 5395 mm 3895 mm 2165 mm 2165 mm T. 75 mm x 160 mm x 1520 mm 4A 185 mm 339 mm 5637 mm 5803 mm 1327 mm 28 km/h-32 km/h 0.43 m/s-0.46 m/s 0.45 m/s-0.36 m/s 7860 daN / 4500 daN 44 % / 44 % Hydraulic Cummins / QSB4,5 82 kW 2200 rpm 4 - 4500 cm³ 180 l/min < 88 dB 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
Mast/fork carriage tilt, forward	٥	б	б	6	б	6	б
Mast/fork carriage tilt, backward	٥	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
Mast/fork carriage tilt, forward	٥	6	6	6	3	3
Mast/fork carriage tilt, backward	٥	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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