Technical sheet :





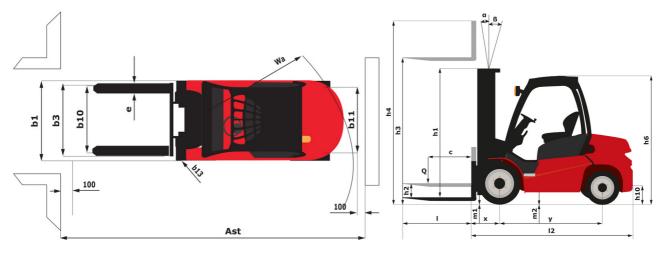


	Technical characteristics
1.1	Manufacturer
.2	Model Name
3	Power source
.4	Operator type
.5	Max. capacity
.6	Load center of gravity
.8	Load distance, centre of drive axle to fork
9	Wheelbase
	Weight
.1	Service weight
2	Weight on front axle (laden) / rear axle (laden)
3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
1	Tires type
2	Dimensions of front wheels
3	Dimensions of rear wheels
5	Number of front wheels / rear wheels
.2	Number of drive wheels
6	Front wheel gauge
7	Rear wheel gauge
	Dimensions
7	Height of overhead guard (cabin)
8	Seat height/stand height
2	Height of towing bar (coupling height)
9	Overall length
20	Length to face of forks
21	Overall width
21	Overall width - Single wheels
22	Forks section / width / length
24	Fork carriage width
31	Ground clearance below mast
32	Ground clearance at centre of wheelbase
3	Aisle Width for pallets 1000 x 1200 crossways
34	Aisle width for 800 x 1200 pallet lengthways
5	Turning radius
36	Internal turning radius (over tyres)
	Performances
1	Travel speed (laden / unladen)
2	Lifting speed (laden / unladen)
3	Lowering speed (laden / unladen)
5	Drawbar pull (Laden / Unladen)
7	Gradeability (laden / unladen)
0	Service brake
	Transmission type
	Engine
	Engine brand / model / norm
	I.C. Engine power rating
}	Rated speed
4	Number of cylinders / Capacity of cylinders
	Miscellaneous
2	Working hydraulic pressure for attachments
.2	Oil flow rate for attachments
4	Measured/guaranteed mean noise level at the ear of the operator
4	Sound level at the driver's ear according to DIN 12 053

## MI-X 100 D Created on August 21, 2025 at 8:41 AM UTC

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
Pneumatic
9.00-20-14PR
9.00-20-14PR
4 / 2
4
1628 mm
1700 mm
2580 mm
1505 mm
505 mm
5742 mm
4242 mm
2165 mm
2165 mm
80 mm x 160 mm x 1520 mm
2044 mm
190 mm
339 mm
5973 mm
6134 mm
3940 mm
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>
4 4500 011
195 bar
195 bar 180 l/min

## 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	б	6	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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