Technical sheet :





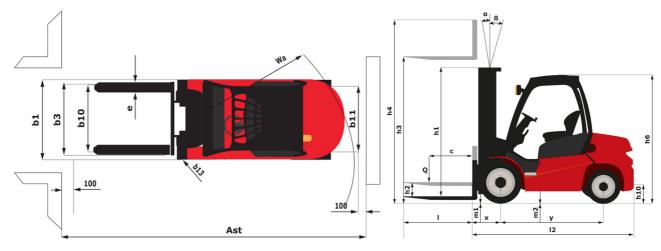


	Technical characteristics	
	Manufacturer	
	Model Name	
	Power source	
	Operator type	
	Max. capacity	
	Load center of gravity	
	Load distance, centre of drive axle to fork	
	Wheelbase	
	Weight	
	Service weight	
	Weight on front axle (laden) / rear axle (laden)	
	Weight on front axle (Unladen) / rear 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)	
1	Overall length	
	Length to face of forks	
	Overall width	
	Overall width - Single wheels	
	Forks section / width / length	
1	Fork carriage width	
	Ground clearance below mast	
1 2	Ground clearance at centre of wheelbase	
	Aisle Width for pallets 1000 x 1200 crossways	
4	Aisle width for 800 x 1200 pallet lengthways	
5	Turning radius	
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	
	Transmission type	
	Engine	
	Engine brand / model / norm	
	I.C. Engine power rating	
	Rated speed	
	Number of cylinders / Capacity of cylinders	
	Miscellaneous	
	Working hydraulic pressure for attachments	
	Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator	

## ми-х тоо р Created on August 1, 2025 at 6:09 PM 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
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>
105 bor
195 bar 180 l/min
< 88 dB
88 dB
00 00

## 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
a - 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
$\beta$ - 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



Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes