

Technical sheet :

# MI-X 15 D

---



 **MANITOU**  
HANDLING YOUR WORLD

	Technical characteristics		Metric
1.1	Manufacturer		MANITOU
1.2	Model Name		MI-X 15 D
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	1500 kg
1.6	Load center of gravity	c	500 mm
1.8	Load distance, centre of drive axle to fork	x	405 mm
1.9	Wheelbase	y	1420 mm
	<b>Weight</b>		
2.1	Service weight		2905 kg
2.2	Weight on front axle (laden) / rear axle (laden)		3820 kg / 585 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		1325 kg / 1580 kg
	<b>Wheels</b>		
3.1	Tires type		Super Elastic
3.2	Dimensions of front wheels		6.50-10 10
3.3	Dimensions of rear wheels		5.00-8 8
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	900 mm
3.7	Rear wheel gauge	b11	920 mm
	<b>Dimensions</b>		
4.7	Height of overhead guard (cabin)	h6	2090 mm
4.8	Seat height/stand height	h7	1160 mm
4.12	Height of towing bar (coupling height)	h10	315 mm
4.19	Overall length	l1	3310 mm
4.20	Length to face of forks	l2	2240 mm
4.21	Overall width	b1	1080 mm
4.21	Overall width - Single wheels	b1	1080 mm
4.21	Overall width - Twinned wheels	b1	1500 mm
4.22	Forks section / width / length	s / e / l	35 mm x 100 mm x 1150 mm
4.23	Fork carriage ISO 2328 (class/form) A/B		2A
4.24	Fork carriage width	b3	1000 mm
4.31	Ground clearance below mast	m1	115 mm
4.32	Ground clearance at centre of wheelbase	m2	150 mm
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	3590 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	3790 mm
4.35	Turning radius	Wa	1985 mm
4.36	Internal turning radius (over tyres)	b13	55 mm
	<b>Performances</b>		
5.1	Travel speed (laden / unladen)		18.50 km/h-19 km/h
5.2	Lifting speed (laden / unladen)		0.50 m/s-0.55 m/s
5.3	Lowering speed (laden / unladen)		0.50 m/s-0.55 m/s
5.5	Drawbar pull (Laden / Unladen)		1450 daN / 760 daN
5.7	Gradeability (laden / unladen)		20 % / 20 %
5.10	Service brake		Hydraulic
	Transmission type		Torque converter
	<b>Engine</b>		
7.1	Engine brand / model / norm		Yanmar / 4TNE92-HR / Stage IIIA
7.2	I.C. Engine power rating		32.80 kW
7.3	Rated speed		2450 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 2065 cm³
	<b>Miscellaneous</b>		
8.2	Working hydraulic pressure for attachments		160 bar
8.3	Oil flow rate for attachments		56 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 86 dB
8.4	Sound level at the driver's ear according to DIN 12 053		86 dB

## MI-X 15 D - Dimensional drawing



Free Lift Duplex (FLD)		FLD 33	FLD 37	FLD 40
α - Mast/fork carriage tilt, forward	°	6	6	6
β - Mast/fork carriage tilt, backward	°	12	12	12
h1 - Mast lowered height	mm	2160	2360	2560
h2 - Mast free lift	mm	1575	1755	1975
h3 - Mast lifting height	mm	3300	3700	4000
h4 - Mast extended height	mm	3885	4285	4585
Residual capacity at max height	kg	1500	1500	1500
Residual capacity with integrated side shift at max height	kg	1500	1500	1500
Height at max capacity	mm	3300	3700	4000
Height at max capacity with integrated sideshift	mm	3300	3700	4000

[illegible]



**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](http://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