Technical sheet :



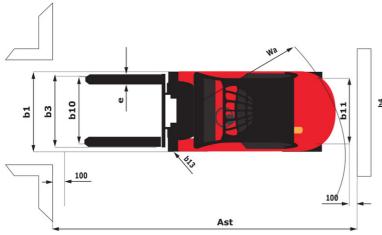


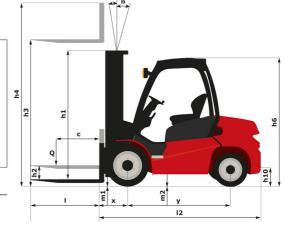


	Technical characteristics
1.1	Manufacturer
.2	Model Name
1.3	Power source
.4	Operator type
.5	Max. capacity
.6	Load center of gravity
.8	Load distance, centre of drive axle to fork
1.9	Wheelbase
	Weight
.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
.3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
.1	
.1	Tires type
.2	Dimensions of front wheels
	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
12	Height of towing bar (coupling height)
19	Overall length
20	Length to face of forks
21	Overall width
1	Overall width - Single wheels
1	Overall width - Twinned wheels
22	Forks section / width / length
23	Fork carriage ISO 2328 (class/form) A/B
24	Fork carriage width
31	Ground clearance below mast
32	Ground clearance at centre of wheelbase
.33	Aisle Width for pallets 1000 x 1200 crossways
34	Aisle width for 800 x 1200 pallet lengthways
35	Tuming 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)
5 7	
	Gradeability (laden / unladen)
10	Service brake
	Transmission type
	Engine
	Engine brand / model / norm
2	I.C. Engine power rating
3	Rated speed
.4	Number of cylinders / Capacity of cylinders
	Miscellaneous
.2	Working hydraulic pressure for attachments
.3	Oil flow rate for attachments
4	Measured/guaranteed mean noise level at the ear of the operator
	Sound level at the driver's ear according to DIN 12 053

MI-X 15 D	Created on August 18, 2025 at 5:33 PM UTC
	Metric
	MANITOU
	MI-X 15 D
	Diesel
	Seated
Q	1500 kg
c	500 kg
x	405 mm
у	1420 mm
,	
	2905 kg
	3820 kg / 585 kg
	1325 kg / 1580 kg
	······································
	Super Elastic
	6.50-10 10
	5.00-8 8
	2/2
	2
b10	- 900 mm
b11	920 mm
511	220 1111
h6	2090 mm
h7	1160 mm
h10	315 mm
11	3310 mm
12	2240 mm
b1	1080 mm
b1	1080 mm
b1	1500 mm
s/e/l	35 mm x 100 mm x 1150 mm
	2A
b3	1000 mm
m1	115 mm
m2	150 mm
Ast	3590 mm
Ast	3790 mm
Wa	1985 mm
b13	55 mm
	18.50 km/h-19 km/h
	0.50 m/s-0.55 m/s
	0.50 m/s-0.55 m/s
	1450 daN / 760 daN
	20 % / 20 %
	Hydraulic
	Torque converter
	Yanmar / 4TNE92-HRJ / Stage IIIA
	32.80 kW
	2450 rpm
	4 - 2065 cm³
	160 bar
	56 l/min
	< 86 dB
	86 dB

MI-X 15 D - Dimensional drawing





Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 37	FVD 40
a - Mast/fork carriage tilt, forward	۰	б	6	6	6
β - Mast/fork carriage tilt, backward	۰	12	12	12	12
h1 - Mast lowered height	mm	1995	2145	2395	2595
h2 - Mast free lift	mm	155	155	155	155
h3 - Mast lifting height	mm	3000	3300	3700	4000
h4 - Mast extended height	mm	3565	3865	4265	4600
Residual capacity at max height	kg	1500	1500	1500	1500
Residual capacity with integrated side shift at max heigth	kg	1500	1500	1500	1500
Height at max capacity	mm	3000	3300	3700	4000
Height at max capacity with integrated sideshift	mm	3000	3300	3700	4000

Free Lift Duplex (FLD)		FLD 33	FLD 37	FLD 40
α - Mast/fork carriage tilt, forward	٥	6	6	6
β - Mast/fork carriage tilt, backward	۰	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 heigth	kg	1500	1500	1500
Height at max capacity	mm	3300	3700	4000
Height at max capacity with integrated sideshift	mm	3300	3700	4000

Free Lift Triplex (FLT)		FLT 43	FLT 45	FLT 47	FLT 48	FLT 50	FLT 55	FLT 60	FLT 65
α - Mast/fork carriage tilt, forward °		б	6	6	6	6	3	3	3
β - Mast/fork carriage tilt, backward	٥	6	6	6	6	6	6	6	6
h1 - Mast lowered height	mm	2070	2120	2170	2220	2270	2470	2720	2870
h2 - Mast free lift	mm	1400	1500	1585	1600	1685	1885	2100	2200
h3 - Mast lifting height	mm	4300	4500	4700	4800	5000	5500	6000	6500
h4 - Mast extended height	mm	4980	5130	5380	5430	5595	6095	6730	7180
Residual capacity at max height	kg	1350	1300	1250	1250	1200	950	700	
Residual capacity with integrated side shift at max heigth	kg	1350	1300	1150	1150	1100	850	600	
Height at max capacity	mm	4000	2500	2500	2500	2500	2500	2500	2500



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