Technical sheet :





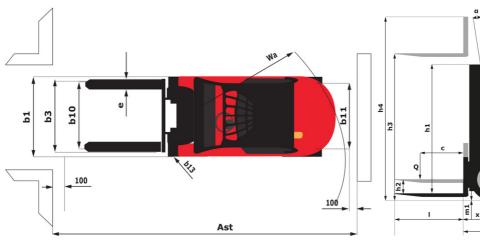


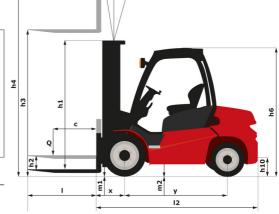
	Technical characteristics	
1	Manufacturer	
2	Model Name	
3	Power source	
4	Operator type	
5	Max. capacity	
ò	Load center of gravity	
	Load distance, centre of drive axle to fork	
9	Wheelbase	
	Weight	
	Service weight	
2	Weight on front axle (laden) / rear axle (laden)	
3	Weight on front axle (Unladen) / 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	
2	Front wheel gauge	
	Rear wheel gauge	
,		
7	Dimensions	
'	Height of overhead guard (cabin)	
	Seat height/stand height	
2	Height of towing bar (coupling height)	
9	Overall length	
)	Length to face of forks	
1	Overall width	
1	Overall width - Single wheels	
2	Forks section / width / length	
3	Fork carriage ISO 2328 (class/form) A/B	
4	Fork carriage width	
1	Ground clearance below mast	
2	Ground clearance at centre of wheelbase	
3	Aisle Width for pallets 1000 x 1200 crossways	
4	Aisle width for 800 x 1200 pallet lengthways	
5	Tuming radius	
6	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	
2	Working hydraulic pressure for attachments	
	Oil flow rate for attachments	
	Measured/guaranteed mean noise level at the ear of the operator	

## MI-X 30 D Created on August 26, 2025 at 5:31 PM UTC

	Metric
	MANITOU
	MI-X 30 D
	Diesel
	Seated
	3000 kg
	500 mm
	480 mm
	1700 mm
	4610 kg
	6650 kg / 960 kg
	1860 kg / 2750 kg
	Super Elastic
	28-9-15 12
	6.50-10 10
	2 / 2
	2
	1005 mm
	975 mm
	2130 mm
	1215 mm
	355 mm
	3875 mm
	2715 mm
	1225 mm
	1225 mm
/ I	45 mm x 122 mm x 1150 mm
	3A
	1100 mm
	130 mm
	200 mm
	4140 mm
	4340 mm
	2460 mm
	160 mm
	18 km/h-18.50 km/h
	0.45 m/s-0.52 m/s
	0.43 m/s-0.48 m/s
	1600 daN / 1380 daN
	20 % / 20 %
	Hydraulic
	Torque converter
	Yanmar / 4TNV94L-BXPHZ / Stage IIIA
	35 kW
	2400 rpm
	4 - 3054 cm³
	160 bar
	69 l/min
	0.1.10
	< 84 dB 84 dB

## MI-X 30 D - Dimensional drawing





## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 40
a - Mast/fork carriage tilt, forward	۰	6	6
β - Mast/fork carriage tilt, backward	۰	12	12
h1 - Mast lowered height	mm	2050	2650
h2 - Mast free lift	mm	145	145
h3 - Mast lifting height	mm	3000	4000
h4 - Mast extended height	mm	3735	4735
Residual capacity at max height	kg	3000	3000
Residual capacity with integrated side shift at max heigth	kg	3000	3000
Height at max capacity	mm	3000	4000
Height at max capacity with integrated sideshift	mm		4000

Free Lift Duplex (FLD)		FLD 33	FLD 37	FLD 40	FVD 33
α - Mast/fork carriage tilt, forward	۰	6	6	6	6
$\beta$ - Mast/fork carriage tilt, backward	٥	12	12	12	12
h1 - Mast lowered height	mm	2230	2430	2580	2200
h2 - Mast free lift	mm	1475	1675	1825	145
h3 - Mast lifting height	mm	3300	3700	4000	3300
h4 - Mast extended height	mm	4055	4455	4755	4035
Residual capacity at max height	kg	3000	3000	3000	3000
Residual capacity with integrated side shift at max heigth	kg	3000	3000	3000	3000
Height at max capacity	mm	3300	3700	4000	3300
Height at max capacity with integrated sideshift	mm	3300	3700	4000	3300

Free Lift Triplex (FLT)		FLT 43	FLT 45	FLT 47	FLT 55	FLT 60	FLT 65
α - Mast/fork carriage tilt, forward °		6	6	6	3	3	3
β - Mast/fork carriage tilt, backward	٥	6	6	6	6	6	6
h1 - Mast lowered height	mm	2115	2165	2215	2515	2765	2915
h2 - Mast free lift	mm	1360	1410	1460	1760	2010	2160
h3 - Mast lifting height	mm	4300	4500	4700	5500	6000	6500
h4 - Mast extended height	mm	5055	5305	5455	6255	6805	7255
Residual capacity at max height	kg	2950	2900	2800	1850	1400	1300
Residual capacity with integrated side shift at max heigth	kg	2850	2800	2700	1750	1300	1250
Height at max capacity	mm	4000	4000	4000	4000	4000	2500
Height at max capacity with integrated sideshift	mm	4000	4000	4000			



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