

Technical sheet :

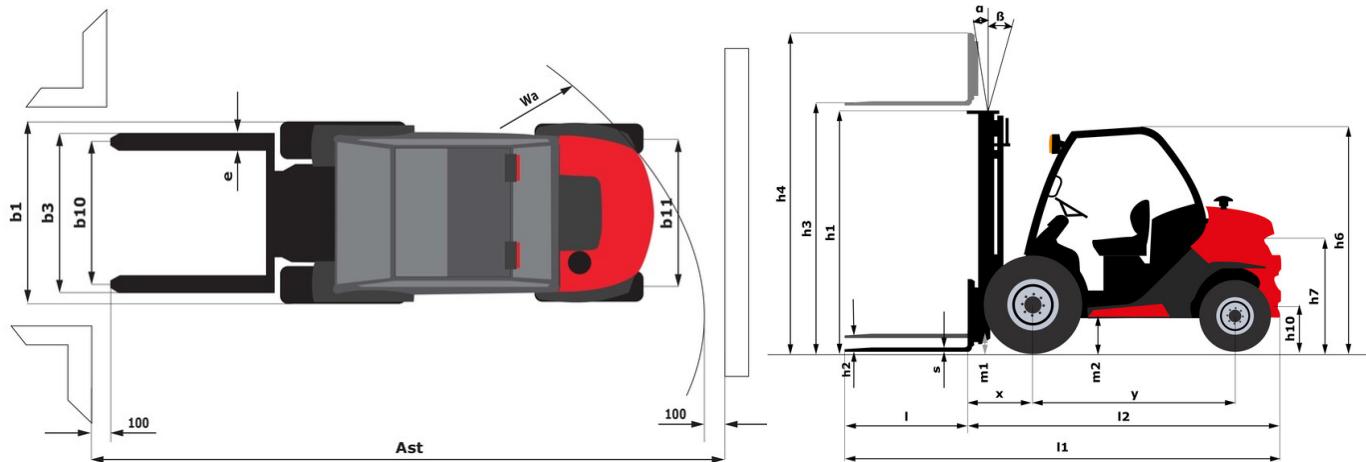
# MC-X 30-4



 **MANITOU**  
HANDLING YOUR WORLD

Technical characteristics		Metric	
1.1	Manufacturer	Manitou	
1.2	Model Name	MC-X 30-4	
1.3	Power source	Diesel	
1.4	Operator type	Seated	
1.5	Max. capacity	3000 kg	
1.6	Load center of gravity	500 mm	
1.8	Load distance, centre of drive axle to fork	626 mm	
1.9	Wheelbase	1900 mm	
Weight			
2.1	Service weight	4515 kg	
2.2	Weight on front axle (laden) / rear axle (laden)	6595 kg / 920 kg	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	1820 kg / 2695 kg	
Wheels			
3.1	Tires type	Pneumatic	
3.2	Dimensions of front wheels	12,5/80-18/12 SL R4	
3.3	Dimensions of rear wheels	27x10-12 SKS	
3.5	Number of front wheels / rear wheels	2 / 2	
3.5.2	Number of drive wheels	4	
3.6	Front wheel gauge	1159 mm	
3.7	Rear wheel gauge	1176 mm	
Dimensions			
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggy version)	2155 mm / 1990 mm	
4.8	Seat height/stand height	1094 mm	
4.19	Overall length	4235 mm	
4.20	Length to face of forks	3085 mm	
4.21	Overall width	1450 mm	
4.22	Forks section x width x length	45 mm x 122 mm / 1150 mm	
4.23	Fork carriage ISO 2328 (class/form) A/B	3A	
4.24	Fork carriage width	1260 mm	
4.31	Ground clearance below mast	300 mm	
4.32	Ground clearance at centre of wheelbase	310 mm	
4.35	Turning radius	3435 mm	
Performances			
5.1	Travel speed (laden / unladen)	12 km/h / 24.90 km/h	
5.2	Lifting speed (laden / unladen)	0.47 m/s / 0.46 m/s	
5.3	Lowering speed (laden / unladen)	0.50 m/s / 0.30 m/s	
5.5	Drawbar pull (Laden / Unladen)	3270 daN / 1150 daN	
5.7	Gradeability (laden / unladen)	40 % / 43 %	
5.10	Service brake	Hydraulic brakes by loss of pressure	
	Transmission type	Hydrostatic	
Engine			
7.1	Engine brand / model / norm	Kubota / V2403 / Stage IIIA	
7.2	Engine power (Hp / kW)	49 Hp/36 kW	
7.3	Rated speed	2700 rpm	
7.4	Number of cylinders / Capacity of cylinders	4 - 2434 cm <sup>3</sup>	
Miscellaneous			
8.1	Type of drive control	Cable	
8.2	Working hydraulic pressure for attachments	180 bar	
8.3	Oil flow rate for attachments	53 l/min	
8.4	Sound level at the driver's ear according to DIN 12 053	82 dB	

## MC-X 30-4 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)	FVD 33	FVD 37	FVD 45	FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
α - Mast/fork carriage tilt, forward	°	10	10	10	10	10	10	10	6
β - Mast/fork carriage tilt, backward	°	12	12	12	12	12	12	12	6
h1 - Mast lowered height	mm	2338	2598	3038					
h2 - Mast free lift	mm	117	117	117					
h3 - Mast lifting height	mm	3300	3700	4500					
h4 - Mast extended height	mm	4090	4490	5290					
Height at max capacity	mm	2500	2500	2500					

Free Lift Triplex (FLT)	FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
α - Mast/fork carriage tilt, forward	°	10	10	10	10	10
β - Mast/fork carriage tilt, backward	°	12	12	12	12	12
h1 - Mast lowered height	mm	1988	2088	2188000	2338	2438
h2 - Mast free lift	mm	1235	1335	1435	1585	1685
h3 - Mast lifting height	mm	3400	3700	4000	4300	4700
h4 - Mast extended height	mm	4236	4536	4836	5136	5536
Residual capacity at max height	kg	1580				6336
Height at max capacity	mm	2500	2500	2500	2500	2500

Full Visibility Triplex (FVT)	FVT 33
α - Mast/fork carriage tilt, forward	°
β - Mast/fork carriage tilt, backward	°
h1 - Mast lowered height	mm
h2 - Mast free lift	mm
h3 - Mast lifting height	mm
h4 - Mast extended height	mm
Height at max capacity	mm



# **MANITOU** HANDLING YOUR WORLD

## 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