

Technical sheet :

# **MC 30-4**

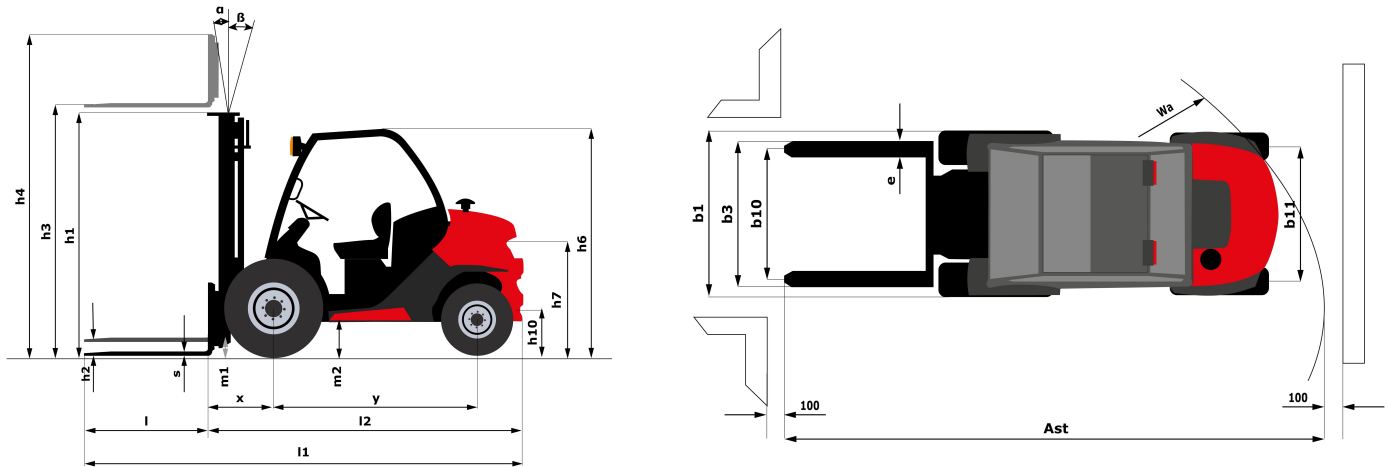
---



Technical characteristics			Metric
1.1	Manufacturer		Manitou
1.2	Model Name		MC 30-4
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	3000 kg
1.6	Load centre of gravity	c	500 mm
1.8	Load distance, centre of drive axle to fork	x	626 mm
1.9	Wheelbase	y	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	Tyres 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
3.2	Number of drive wheels		4
3.6	Front wheel gauge	b10	1159 mm
3.7	Rear wheel	b11	1176 mm
Dimensions			
4.1	Tilt of Mast Forward (deg) / Backward (deg)	$\alpha / \beta$	10 / 12
4.7	Height of overhead guard (cabin)	h6	2155 mm
4.7	Overall height of standard overhead guard	h6	2115 mm
4.8	Seat height/stand height	h7	1094 mm
4.19	Overall length	l1	4235 mm
4.20	Length to face of forks	l2	3085 mm
4.21	Overall width	b1	1450 mm
4.22	Forks section / width / length	s / e / l	45 mm x 122 mm x 1150 mm
4.23	Fork carriage ISO 2328 (class/form) A/B		3A
4.24	Fork carriage width	b3	1260 mm
4.31	Ground clearance below mast	m1	300 mm
4.32	Ground clearance at centre of wheelbase	m2	310 mm
4.33	Aisle width for 1000 x 1200 pallet widthways	Ast	5411 m
4.35	Turning radius	Wa	5411 mm
Performances			
5.1	Travel speed (laden / unladen)		12 km/h / 24.9 km/h
5.2	Lifting speed (laden / unladen)		0.47 Nm / 0.46 Nm
5.3	Lowering speed (laden / unladen)		0.5 Nm / 0.3 Nm
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
Engine			
7.1	Engine brand / model / norm		Kubota / D1803 CRT E5B / Stage V

Engine			
7.2	Engine power according to ISO 1585		36 kW
7.3	Rated speed		2700 tr/min
7.4	Number of cylinders / Capacity of cylinders		4-2434 cm <sup>3</sup>
7.5	Fuel consumption according to VDI cycle		6,1
Miscellaneous			
8.1	Type of drive control		Cable
8.2	Working hydraulic pressure for attachments (bar)		180 Bar
8.3	Oil flow rate for attachments		53 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 82 dB(A)

## Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex		FVD 33	FVD 37	FVD 45
h2 - Free lift	mm	90	90	90
h1 - Height mast Lowered	mm	2340	2600	3040
h3 - Lifting Height	mm	3300	3700	4500
h4 - Height mast extended	mm	4238	4638	5438
α / β - Mast inclination (front / rear)	°	10 / 12	10 / 12	10 / 12

Free Lift Triplex		FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
h2 - Free lift	mm	1235	1292	1392	1542	1642	1992
h1 - Height mast Lowered	mm	1988	2090	2190	2340	2440	2790
h3 - Lifting Height	mm	3400	3700	4000	4300	4700	5500
h4 - Height mast extended	mm	4236	4545	4845	5145	5545	6345
α / β - Mast inclination (front / rear)	°	10 / 12	10 / 12	10 / 12	10 / 12	10 / 12	6 / 6

Full Visibility Triplex		FVT 33
h2 - Free lift	mm	129
h1 - Height mast Lowered	mm	1878
h3 - Lifting Height	mm	3300
h4 - Height mast extended	mm	4079
α / β - Mast inclination (front / rear)	°	10 / 12



Siège Social  
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 brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.

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