

Technical sheet :

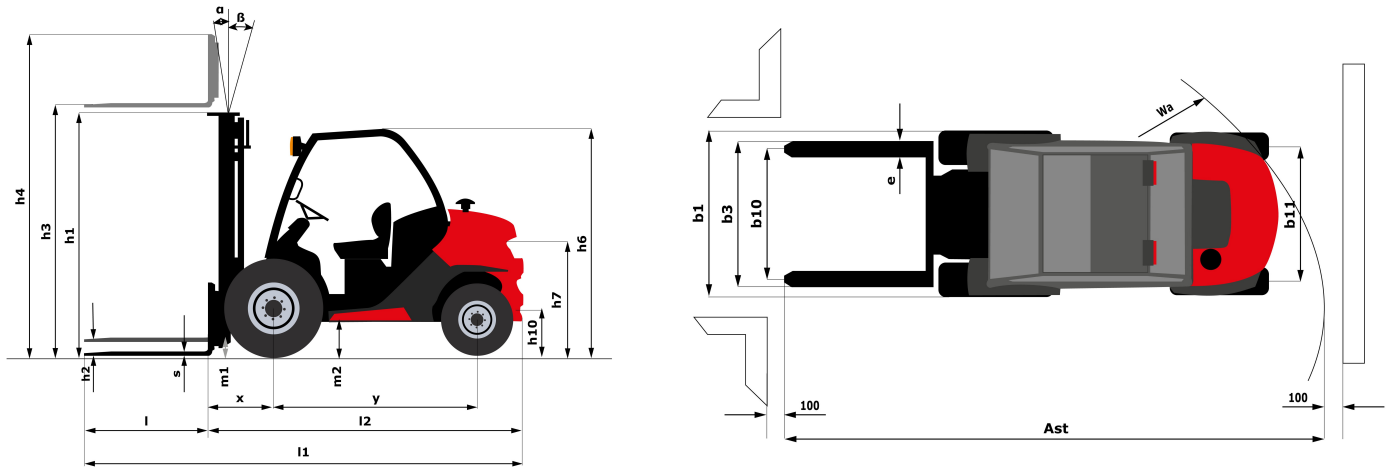
MC 30-2



Technical characteristics			Metric
1.1	Manufacturer		Manitou
1.2	Model Name		MC 30-2
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		4355 kg
2.2	Weight on front axle (laden) / rear axle (laden)		6435 kg / 920 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		1660 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		7,00-12/12 ED PLUS
3.5	Number of front wheels / rear wheels		2 / 2
3.2	Number of drive wheels		2
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)	α / β	10 / 12
4.7	Height of overhead guard (cabin)	h6	2155 mm
4.7	Overall height of standard overhead guard	h6	2155 mm
4.8	Seat height/stand height	h7	1094 mm
4.19	Overall length	l1	4265 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	4626 mm
4.35	Turning radius	Wa	2650 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)		1810 daN / 1150 daN
5.7	Gradeability - laden / unladen		23 % / 26 %
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 ³
7.5	Fuel consumption according to VDI cycle		5,3
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	117	117	117
h1 - Height mast Lowered	mm	2338	2598	3038
h3 - Lifting Height	mm	3300	3700	4500
h4 - Height mast extended	mm	4090	4490	5290
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	1335	1435	1585	1685	2035
h1 - Height mast Lowered	mm	1988	2088	2188	2338	2438	2788
h3 - Lifting Height	mm	3400	3700	4000	4300	4700	5500
h4 - Height mast extended	mm	4236	4536	4836	5136	5536	6336
α / β - Mast inclination (front / rear)	°	10 / 12	10 / 12	10 / 12	10 / 12	10 / 12	6 / 6
Residual capacity at max height	kg	1580					
Residual capacity without attachment (Industrial load chart)	kg	1580					
Height at max capacity	mm	2500					

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



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