

Technical sheet :

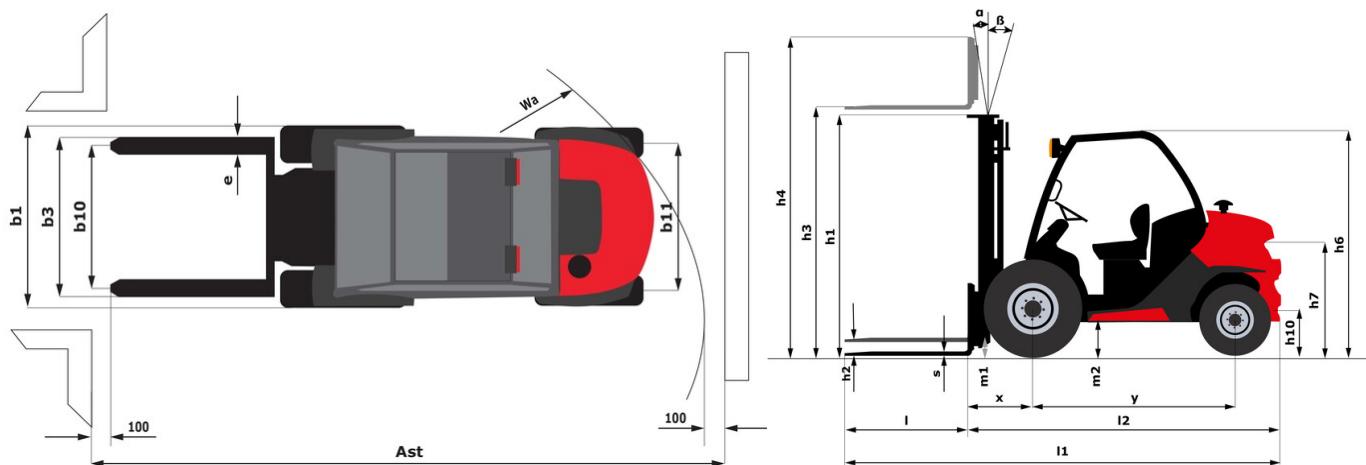
MC 30-4 ST5



 **MANITOU**
HANDLING YOUR WORLD

Technical characteristics		Imperial	
1.1	Manufacturer	Manitou	
1.2	Model Name	MC 30-4 ST5	
1.3	Power source	Diesel	
1.4	Operator type	Seated	
1.5	Max. capacity	6614 lb	
1.6	Load center of gravity	20 in	
1.8	Load distance, centre of drive axle to fork	25 in	
1.9	Wheelbase	75 in	
Weight		FVD 33	
2.1	Standard mast reference of the machine	9789 lb	
2.2	Service weight	14661 lb / 1742 lb	
Wheels		Pneumatic	
3.1	Tires type	12,5/80-18/12 SL R4	
3.2	Dimensions of front wheels	27x10-12 SKS	
3.3	Dimensions of rear wheels	2 / 2	
3.5	Number of front wheels / rear wheels	4	
3.5.2	Number of drive wheels		
3.6	Front wheel gauge	b10	46 in
3.7	Rear wheel gauge	b11	46 in
Dimensions		h6 / h6*	
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggy version)	85 in / 78 in	
4.8	Seat height/stand height	43 in	
4.19	Overall length	167 in	
4.20	Length to face of forks	121 in	
4.21	Overall width	57 in	
4.22	Forks section x width x length	2 in x 4 in / 47 in	
4.23	Fork carriage ISO 2328 (class/form) A/B	3A	
4.31	Ground clearance below mast	12 in	
4.32	Ground clearance at centre of wheelbase	12 in	
4.33	Aisle width for 1000 x 1200 pallet widthways	215 in	
4.35	Turning radius	135 in	
Performances		7 mph / 15 mph	
5.1	Travel speed (laden / unladen)	2 ft/s / 2 ft/s	
5.2	Lifting speed (laden / unladen)	2 ft/s / 0.98 ft/s	
5.3	Lowering speed (laden / unladen)	3100 daN	
5.5	Drawbar pull (Laden)	46 %	
5.7	Gradeability (laden)	Hydraulic brakes by loss of pressure	
5.10	Service brake	Hydrostatic	
Transmission type		Kubota / D1803 CRT E5B / Stage V	
Engine		50 Hp/37 kW	
7.1	Engine brand / model / norm	2700 rpm	
7.2	Engine power (Hp / kW)	3 - 111 in ³	
7.3	Rated speed		
7.4	Number of cylinders / Capacity of cylinders	Electronic	
Miscellaneous		11 US gpm	
8.1	Type of drive control	79 dB	
8.3	Oil flow rate for attachments		
8.4	Sound level at the driver's ear according to DIN 12 053		

MC 30-4 ST5 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)	
α - Mast/fork carriage tilt, forward	°
β - Mast/fork carriage tilt, backward	°
h1 - Mast lowered height	in
h2 - Mast free lift	in
h3 - Mast lifting height	in
h4 - Mast extended height	in
Residual capacity at max height	lb
Residual capacity with hooked-on side shift at max height	lb
Height at max capacity	in
Height at max capacity with hooked-on sideshift	in

FVD 33	FVD 37	FVD 45
12	12	12
10	10	10
92	102.3	119.6
4.6	4.6	4.6
129.9	145.7	177.2
161	176.8	208.3
3086	3086	1102
3086	3086	1102
106.3	106.3	110.2
106.3	106.3	110.2

Free Lift Triplex (FLT)	
α - Mast/fork carriage tilt, forward	°
β - Mast/fork carriage tilt, backward	°
h1 - Mast lowered height	in
h2 - Mast free lift	in
h3 - Mast lifting height	in
h4 - Mast extended height	in
Residual capacity at max height	lb
Residual capacity with hooked-on side shift at max height	lb
Height at max capacity	in
Height at max capacity with hooked-on sideshift	in

FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
12	12	12	12	12	6
10	10	10	10	10	6
78.3	82.2	86.1	92	96	109.8
48.6	52.6	56.5	62.4	66.3	80.1
133.9	145.7	157.5	169.3	185	216.5
166.8	178.6	190.4	202.2	218	249.4
4189	3307	2866	3086	948	1102
3968	3086	2756		882	882
106.3	102.4	106.3	122	106.3	98.4
106.3	102.4	106.3		106.3	98.4

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

FVT 33
12
10
73.9
5.1
129.9
160.6
98.4

Equipment

Standard
Closed cab
Differential Lock
Easy link
Ecostop
Front tires - Rough terrain profil
Inching Pedal
Mechanical suspension PVC seat - Grammer MSG65
Open cab
Oscillating rear axle
Rear tires - Rough terrain profil
Rear working light
Switch 2WD / 4WD

Optional
Audio warning on reverse
Enclosed Cab with Heat and A/C
Front and Rear - Work Lights
Joystick Switch and Move (JSM)
LED Rotative Beacon
Load backrest
Open cab
Pneumatic seat
Sideshift carriage

**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

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