Technical sheet:

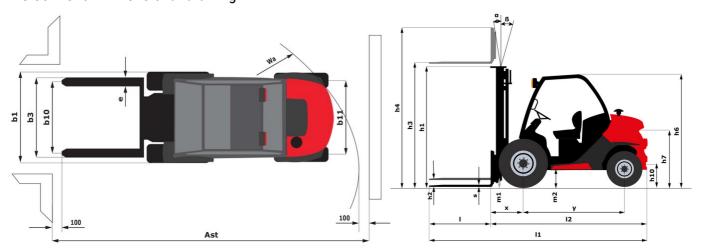
# MC 30-4 ST5





		MC 30-4 ST5 Creat	ed on November 1, 2025 at 1.09 AM UTC
	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	Q	6614 lb
1.6	Load center of gravity	c	20 in
1.8	Load distance, centre of drive axle to fork	X	25 in
1.9	Wheelbase	у	75 in
	Weight		
	Standard mast reference of the machine		FVD 33
2.1	Service weight		9789 lb
2.2	Weight on front axle (laden) / rear axle (laden)		14661 lb / 1742 lb
	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	b10	46 in
3.7	Rear wheel gauge	b11	46 in
3.7	Dimensions	511	40 111
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	85 in / 78 in
4.7	Seat height/stand height	h7	43 in
4.0	Overall length	II7	45 iii
4.19	•	12	107 III
4.20	Length to face of forks  Overall width	b1	57 in
4.21			2 in x 4 in / 47 in
	Forks section x width x length	s / e / l	2 iii x 4 iii / 4/ iii 3A
4.23	Fork carriage ISO 2328 (class/form) A/B	1	
4.31	Ground clearance below mast	m1	12 in 12 in
4.32	Ground clearance at centre of wheelbase	m2	
4.33	Aisle width for 1000 x 1200 pallet widthways	Ast	215 in
4.35	Tuming radius	Wa	135 in
F 4	Performances		7 1 /45
5.1	Travel speed (laden / unladen)		7 mph / 15 mph
5.2	Lifting speed (laden / unladen)		2 ft/s / 2 ft/s
5.3	Lowering speed (laden / unladen)		2 ft/s / 0.98 ft/s
5.5	Drawbar pull (Laden)		3100 daN
5.7	Gradeability (laden)		46 %
5.10	Service brake		Hydraulic brakes by loss of pressure
	Transmission type		Hydrostatic
	Engine		
7.1	Engine brand / model / norm		Kubota / D1803 CRT E5B / Stage V
7.2	Engine power (Hp / kW)		50 Hp/37 kW
7.3	Rated speed		2700 rpm
7.4	Number of cylinders / Capacity of cylinders		3 - 111 in³
	Miscellaneous		
8.1	Type of drive control		Electronic
8.3	Oil flow rate for attachments		11 US gpm
8.4	Sound level at the driver's ear according to DIN 12 053		79 dB

#### MC 30-4 ST5 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 37	FVD 45
α - Mast/fork carriage tilt, forward	۰	12	12	12
β - Mast/fork carriage tilt, backward	۰	10	10	10
h1 - Mast lowered height	in	92	102.3	119.6
h2 - Mast free lift	in	4.6	4.6	4.6
h3 - Mast lifting height	in	129.9	145.7	177.2
h4 - Mast extended height	in	161	176.8	208.3
Residual capacity at max height	lb	3086	3086	1102
Residual capacity with hooked-on side shift at max heigth	lb	3086	3086	1102
Height at max capacity	in	106.3	106.3	110.2
Height at max capacity with hooked-on sideshift	in	106.3	106.3	110.2

Free Lift Triplex (FLT)		FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
α - Mast/fork carriage tilt, forward °		12	12	12	12	12	6
β - Mast/fork carriage tilt, backward	۰	10	10	10	10	10	6
h1 - Mast lowered height	in	78.3	82.2	86.1	92	96	109.8
h2 - Mast free lift	in	48.6	52.6	56.5	62.4	66.3	80.1
h3 - Mast lifting height	in	133.9	145.7	157.5	169.3	185	216.5
h4 - Mast extended height	in	166.8	178.6	190.4	202.2	218	249.4
Residual capacity at max height	lb	4189	3307	2866	3086	948	1102
Residual capacity with hooked-on side shift at max heigth	lb	3968	3086	2756		882	882
Height at max capacity	in	106.3	102.4	106.3	122	106.3	98.4
Height at max capacity with hooked-on sideshift	in	106.3	102.4	106.3		106.3	98.4

Full Visibility Triplex (FVT)		FVT 33
α - Mast/fork carriage tilt, forward	٠	12
β - Mast/fork carriage tilt, backward	٠	10
h1 - Mast lowered height	in	73.9
h2 - Mast free lift	in	5.1
h3 - Mast lifting height	in	129.9
h4 - Mast extended height	in	160.6
Height at max capacity	in	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	





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