Technical sheet:

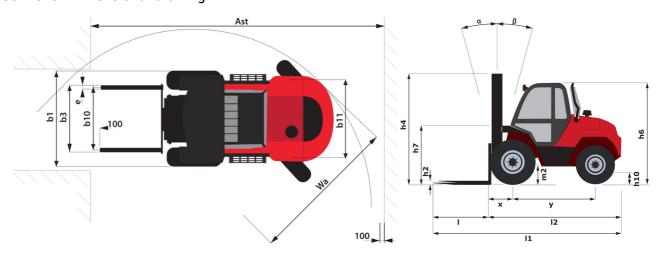
## M 30-4 ST5





		M 30-4 ST5 Created	TON March 31, 2023 at 4.48.27 PM 01
	Technical characteristics		Imperial
1.1	Manufacturer		MANITOU
1.2	Model Name		M 30-4 ST5
1.3	Power source		Diesel
1.4	Operator type		Sitting
1.5	Max. capacity	Q	6614 lb
1.6	Load centre of gravity	С	20 in
1.8	Load distance, centre of drive axle to fork	X	29 in
1.9	Wheelbase	у	79 in
	Weight		
2.1	Service weight		13151 lb
2.2	Weight on front axle (laden) / rear axle (laden)		16513 lb / 3252 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		4751 lb / 8400 lb
	Wheels		
3.1	Tyres type		Pneumatic
3.2	Dimensions of front wheels		405/70-20 149B 1323
3.3	Dimensions of rear wheels		10,5-18 12PR 1317
3.5	Number of front wheels / rear wheels		2/2
3.5.2	Number of drive wheels		4
3.6	Front wheel gauge	b10	60 in
3.7	Rear wheel gauge	b11	64 in
0.7	Dimensions	511	·
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	97 in / 97 in
4.8	Seat height/stand height	h7	56 in
4.19	Overall length	 I1	185 in
4.20	Length to face of forks	12	138 in
4.21	Overall width	b1	76 in
4.22	Forks section x width x length	s / e / l	2 in x 5 in / 47 in
4.23	Fork carriage ISO 2328 (class/form) A/B	3,5,1	3A
4.24	Fork carriage width	b3	58 in
4.31	Ground clearance below mast	m1	16 in
4.32	Ground clearance at centre of wheelbase	m2	16 in
4.33	Aisle width for 1000 x 1200 pallet widthways	Ast	243 in
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	243 in
4.35	Tuming radius	Wa	159 in
4.00	Performances	Wu	107 111
5.1	Travel speed (laden / unladen)		6 mi/h / 14 mi/h
5.2	Lifting speed (laden / unladen)		2 ft/s / 2 ft/s
5.3	Lowering speed (laden / unladen)		1 ft/s / 1 ft/s
5.5	Drawbar pull (Laden / Unladen)		6290 daN / 4250 daN
5.10	Service brake		Hydraulic
0.10	Engine		riyalaano
7.1	Engine brand / model	_	Deutz / TCD 2,9
7.1	Engine power according to ISO 1585		55 kW
7.3	Rated speed		2300 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 178 in³
7.7	Miscellaneous		7 1/0 111
	Working hydraulic pressure for attachments		2683 PSI
8.2			2003 F3I
8.2 8.3	Oil flow rate for attachments		26 US gpm

## M 30-4 ST5 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 37	FVD 45
h1 - Height mast lowered *	in	8' 10"	10' 3"
h4 - Height mast extended *	in	15' 2"	17' 9"
h3 - Max. lifting height	in	12' 2"	14' 9"
$\alpha$ / $\beta$ - Mast inclination (front / rear)	۰	6 / 12	6 / 12
Residual capacity at max height	lb	6613.87	6613.87
Residual capacity with hooked-on side shift (Off road load chart)	lb	6613.87	6613.87

Free Lift Triplex (FLT)		FLT 43	FLT 50	FLT 65
h1 - Height mast lowered *	in	8'	8' 10"	11' 1"
h2 - Free lift	in	5' 2"	6'	8' 3"
h4 - Height mast extended *	in	17' 2"	19' 5"	24' 4"
h3 - Max. lifting height	in	14' 1"	16' 5"	21' 4"
$\alpha$ / $\beta$ - Mast inclination (front / rear)	٠	6 / 12	6 / 12	6 / 12
Residual capacity at max height	lb	6613.87		
Residual capacity with hooked-on side shift (Off road load chart)	lb	6613.87	3527.40	1102.31

Full Visibility Triplex (FVT)		FVT 55
h1 - Height mast lowered *	in	9' 8"
h4 - Height mast extended *	in	21' 6"
h3 - Max. lifting height	in	18' 1"
$\alpha$ / $\beta$ - Mast inclination (front / rear)	۰	6 / 10
Residual capacity at max height	lb	4409.25
Residual capacity with hooked-on side shift (Off road load chart)	lb	3306.93





## **Head Office**

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