

Technical sheet :

TMT 55 HT Y ST5



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HANDLING YOUR WORLD

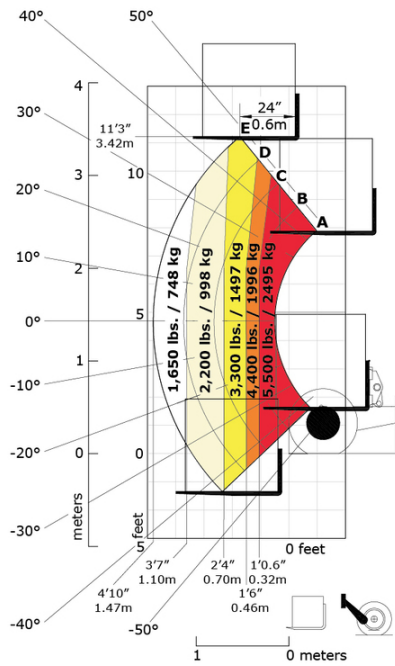
Technical characteristics		Imperial	
1.1	Manufacturer		Manitou
1.2	Model Name		TMT 55 HT Y ST5
1.2.1	Reach out equipment		Telescopic boom
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	5512 lb
1.6	Load center of gravity	c	24 in
1.8	Load distance, centre of drive axle to fork	x	-20 in
1.9	Wheelbase	y	65 in
Weight			
2.1	Service weight		6019 lb
Wheels			
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		31 x 15,5 - 15"
3.3	Dimensions of rear wheels		31 x 15,5 - 15"
3.5	Number of front wheels / rear wheels		2 / 1
3.5.2	Drive wheels (front / rear)		2 / 1
3.6	Front wheel gauge	b10	86 in
Dimensions			
4.1	Mast/fork carriage tilt, forward	α	100 °
4.1.1	Mast/fork carriage tilt, backward	β	12 °
4.2	Height telescopic boom lowered	h1	89 in
4.3	Mast free lift	h2	57 in
4.4	Max. lifting height	h3	135 in
4.5	Height telescopic boom extended	h4	155 in
4.7	Height of overhead guard (cabin)	h6	93 in
4.8	Seat height/stand height	h7	55 in
4.19	Overall length	l1	111 in
4.20	Length to face of forks	l2	63 in
4.21	Overall width	b1	101 in
4.22	Forks section / width / length	s / e / l	2 in x 4 in x 48 in
4.23	Fork carriage ISO 2328 (class/form) A/B		FEM 2A
4.24	Fork carriage width	b3	50 in
4.26	Distance between support arms	b5	49 in
4.26	Distance between wheel arms/loading surfaces	b4	60 in
4.28	Max. outreach		52 in
4.32	Ground clearance at centre of wheelbase	m2	16 in
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	79 in
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	75 in
4.35	Turning radius	Wa	118 in
Performances			
5.1	Travel speed (laden / unladen)		7 mph - 7 mph
5.2	Lifting speed (laden / unladen)		0.82 ft/s / 0.89 ft/s
5.3	Lowering speed (laden / unladen)		0.95 ft/s / 1 ft/s
5.9	Acceleration time (laden / unladen)		4 s / 3.50 s
5.10	Service brake		Hydraulic brakes by loss of pressure
Engine			
7.1	Engine brand / nom / model		Yanmar - Stage V / 3TNV 86 CT
7.2	I.C. Engine power rating		31 kW
7.3	Rated speed		2800 rpm
7.4	Number of cylinders / Capacity of cylinders		3 - 96 in ³
Miscellaneous			
8.1	Type of drive control		Mechanical
8.2	Working hydraulic pressure for attachments		3916 PSI
8.3	Oil flow rate for attachments		12 US gpm
8.4	Measured/guaranteed mean noise level at the ear of the operator		104 dB

TMT 55 HT Y ST5 - Dimensional drawing

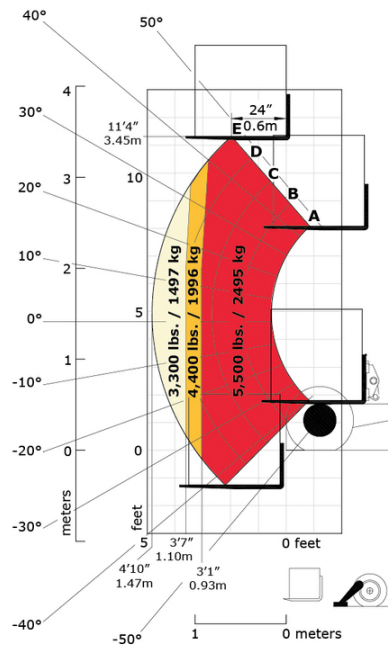


TMT 55 HT Y ST5 - Load chart

Machine on tires with forks Imperial



Machine on lowered stabilisers with forks Imperial





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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