

Technical sheet :

# **TMT 55 HT Y ST5**

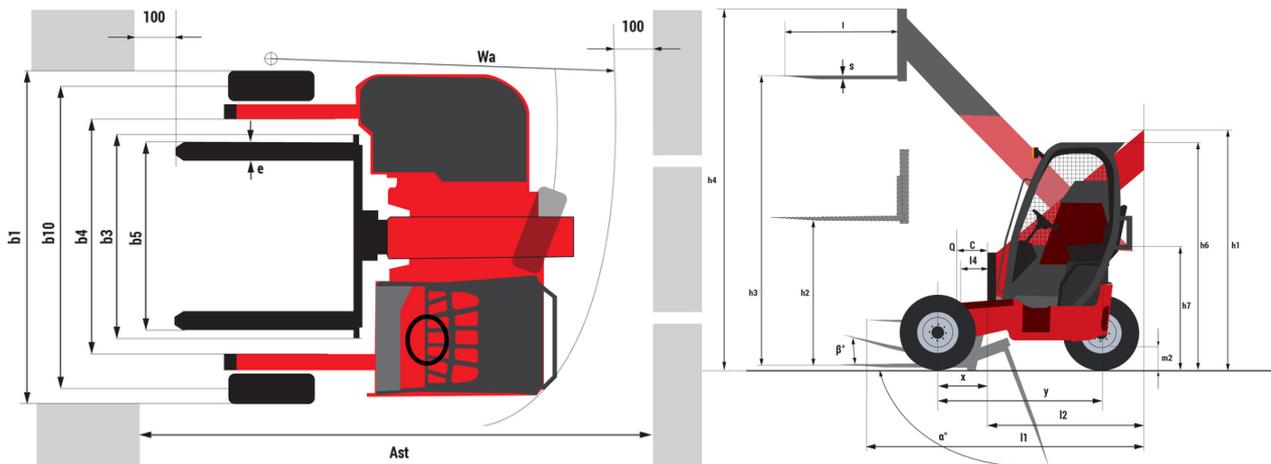
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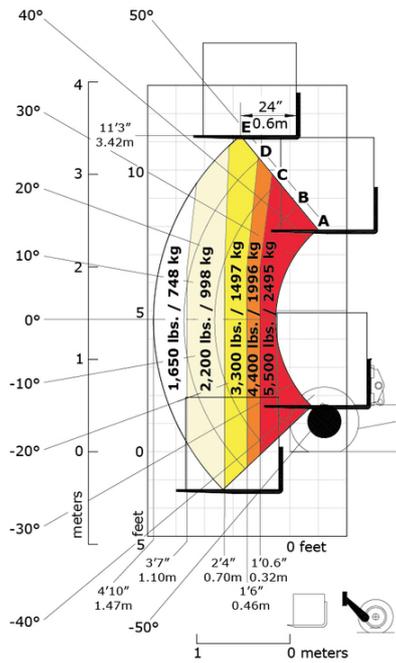
Technical characteristics			Metric
1.1	Manufacturer		Manitou
1.2	Model Name		TMT 55 HT Y ST5
1.2.1	Reach out equipment		Telescopic boom
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	2500 kg
1.6	Load center of gravity	c	600 mm
1.8	Load distance, centre of drive axle to fork	x	-500 mm
1.9	Wheelbase	y	1651 mm
<b>Weight</b>			
2.1	Service weight		2730 kg
<b>Wheels</b>			
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	2187 mm
<b>Dimensions</b>			
4.1	Mast/fork carriage tilt, forward	$\alpha$	100 °
4.1.1	Mast/fork carriage tilt, backward	$\beta$	12 °
4.2	Height telescopic boom lowered	h1	2255 mm
4.3	Mast free lift	h2	1440 mm
4.4	Max. lifting height	h3	3430 mm
4.5	Height telescopic boom extended	h4	3925 mm
4.7	Height of overhead guard (cabin)	h6	2365 mm
4.8	Seat height/stand height	h7	1385 mm
4.19	Overall length	l1	2815 mm
4.20	Length to face of forks	l2	1595 mm
4.21	Overall width	b1	2565 mm
4.22	Forks section / width / length	s / e / l	45 mm x 102 mm x 1220 mm
4.23	Fork carriage ISO 2328 (class/form) A/B		FEM 2A
4.24	Fork carriage width	b3	1270 mm
4.26	Distance between support arms	b5	1247 mm
4.26	Distance between wheel arms/loading surfaces	b4	1519 mm
4.28	Maximum horizontal extension at COG 600	l4	1310 mm
4.32	Ground clearance at centre of wheelbase	m2	408 mm
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	2010 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	1895 mm
4.35	Turning radius	Wa	3000 mm
<b>Performances</b>			
5.1	Travel speed (laden / unladen)		11.80 km/h - 11.50 km/h
5.2	Lifting speed (laden / unladen)		0.25 m/s / 0.27 m/s
5.3	Lowering speed (laden / unladen)		0.29 m/s / 0.32 m/s
5.9	Acceleration time (laden / unladen)		4 s / 3.50 s
5.10	Service brake		Hydraulic brakes by loss of pressure
<b>Engine</b>			
7.1	Engine brand / nom / model		Yanmar - Stage V / 3TNV 86 CT
7.2	Engine power (Hp / kW)		42 Hp / 31 kW
7.3	Rated speed		2800 rpm
7.4	Number of cylinders / Capacity of cylinders		3 - 1568 cm <sup>3</sup>
<b>Miscellaneous</b>			
8.1	Type of drive control		Mechanical
8.2	Working hydraulic pressure for attachments		270 bar
8.3	Oil flow rate for attachments		44 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator		104 dB

TMT 55 HT Y ST5 - Dimensional drawing

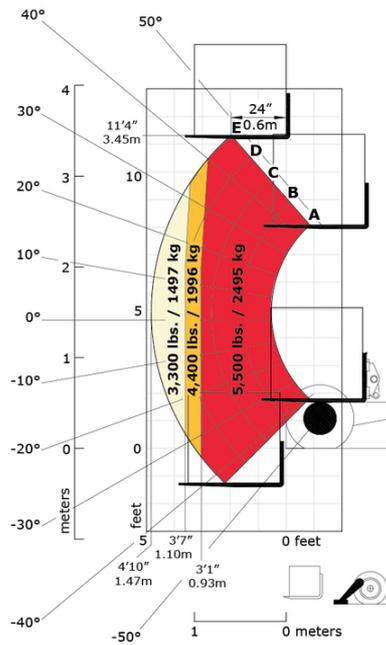


# TMT 55 HT Y ST5 - Load chart

Machine on tires with forks Metric



Machine on lowered stabilisers with forks Metric





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