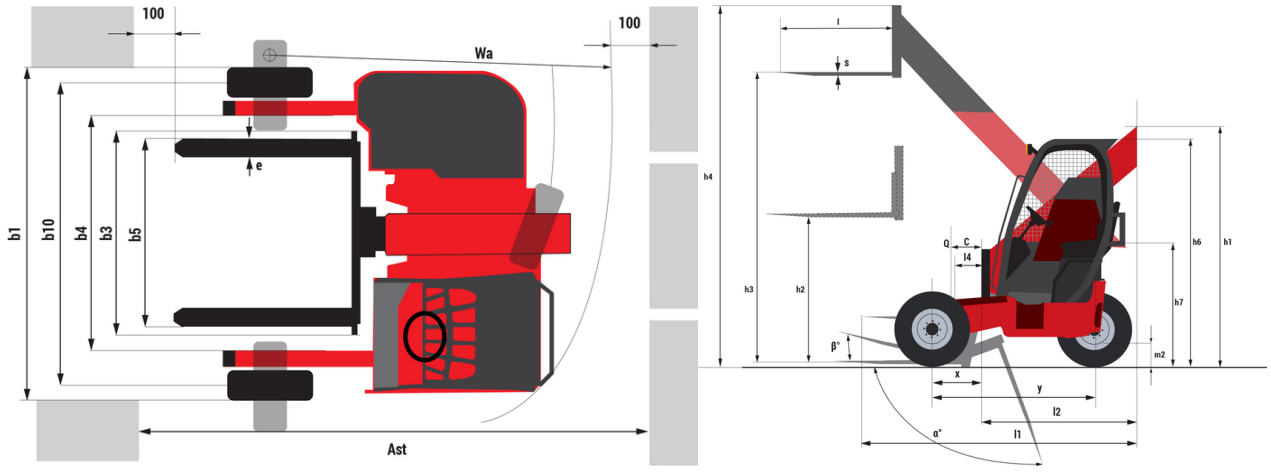
Technical sheet :

TMT 55 XT 4W Y ST5

MANITOU
HANDLING YOUR WORLD

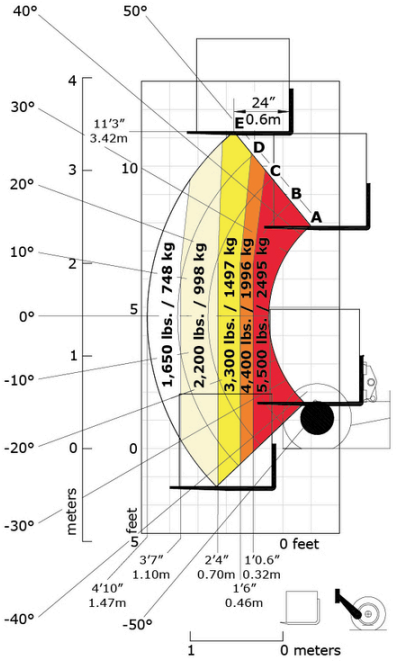
	Technical characteristics		Imperial
1.1	Manufacturer		Manitou
1.2	Model Name		TMT 55 XT 4W Y ST5
1.2.1	Reach out equipment		Telescopic boom
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	5512 lb
1.6	Load center of gravity	c	24 in
1.8	Load distance, centre of drive axle to fork	x	-20 in
1.9	Wheelbase	y	65 in
	Weight		
2.1	Service weight		6415 lb
	Wheels		
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		10x16,5
3.3	Dimensions of rear wheels		31x15,5-15
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	134 in
4.5	Height telescopic boom extended	h4	154 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	97 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. horizontal extension at COG 600	l4	52 in
4.32	Ground clearance at centre of wheelbase	m2	11 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	77 in
4.35	Turning radius	Wa	117 in
	Performances		
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
5.10	Service brake		Hydraulic brakes by loss of pressure
	Engine		
7.1	Engine brand / norm / 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 - 96 in³
	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		105 dB

TMT 55 XT 4W Y ST5 - Dimensional drawing

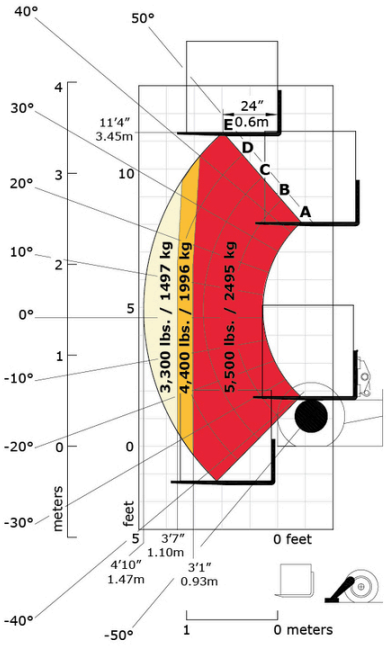


TMT 55 XT 4W Y ST5 - Load chart

Machine on tires with forks Imperial



Machine on lowered stabilisers with forks Imperial



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