Technical sheet:

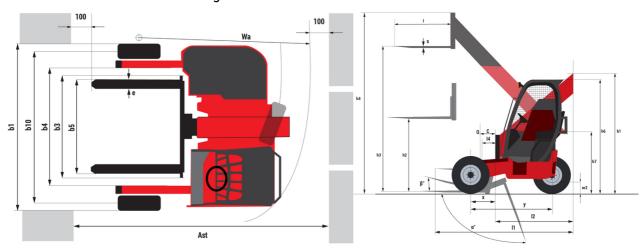
TMT 275 Y 5T5





		TMT 275 Y ST5 UR	ated on August 11, 2025 at 8:17 AM
	Technical characteristics		Metric
1.1	Manufacturer		MANITOU
1.2	Model Name		TMT 27S 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	2700 kg
1.6	Load center of gravity	c	500 mm
1.8	Load distance, centre of drive axle to fork	x	-775 mm
1.9		*	
1.9	Wheelbase	у	1921 mm
0.1	Weight		0700 1
2.1	Service weight		2720 kg
	Wheels		
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		10x16,5
3.3	Dimensions of rear wheels		10x16,5
3.5	Number of front wheels / rear wheels		2 / 1
.5.2	Drive wheels (front / rear)		2 / 1
3.6	Front wheel gauge	b10	2072 mm
	Dimensions		
4.1	Mast/fork carriage tilt, forward	α	100 °
1.1.1	Mast/fork carriage tilt, backward	β	12 °
4.2	Height telescopic boom lowered	h1	2240 mm
4.3	Mast free lift	h2	1440 mm
4.4	Max. lifting height	h3	3380 mm
4.5	Height telescopic boom extended	h4	3925 mm
4.7	Height of overhead guard (cabin)	h6	2200 mm
4.8	Seat height/stand height	h7	1220 mm
4.19	Overall length	 I1	2790 mm
4.20	Length to face of forks	12	1590 mm
4.21	Overall width	b1	2350 mm
4.22	Forks section / width / length	s / e / l	40 mm x 125 mm x 1200 mm
4.23	Fork carriage ISO 2328 (class/form) A/B	3/6/1	FEM 2A
+.23 4.24		h2	1270 mm
	Fork carriage width	b3	
1.26	Distance between support arms	b5	1267 mm
1.26	Distance between wheel arms/loading surfaces	b4	1519 mm
1.28	Maximum outreach		1310 mm
1.32	Ground clearance at centre of wheelbase	m2	290 mm
1.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	3840 mm
1.34	Aisle width for 800 x 1200 pallet lengthways	Ast	3840 mm
1.35	Turning radius	Wa	3215 mm
	Performances		
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
	Engine		
7.1	Engine brand / norm / 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 - 1568 cm³
_	Miscellaneous		
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
			,

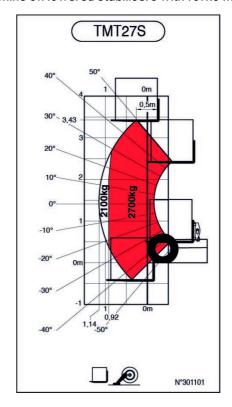
TMT 27S Y ST5 - Dimensional drawing



TMT 27S Y ST5 - Load chart

Machine on tires with forks Metric

Machine on lowered stabilisers with forks Metric







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