Technical sheet:

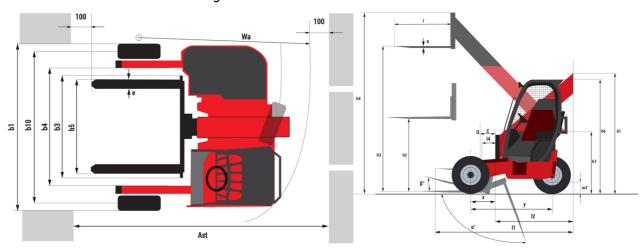
## **TMT 275 Y ST5**





		TMT 275 YST5 Create	ed on November 21, 2024 at 6:33 PM (
	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	Wheelbase	, v	1921 mm
1.9		У	1921 111111
0.1	Weight Control weight		2720 km
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
3.5.2	Drive wheels (front / rear)		2 / 1
3.6	Front wheel gauge	b10	2072 mm
	Dimensions		
4.1	Mast/fork carriage tilt, forward	α	100 °
4.1.1	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
4.21			40 mm x 125 mm x 1200 mm
	Forks section / width / length	s / e / l	
4.23	Fork carriage ISO 2328 (class/form) A/B	10	FEM 2A
4.24	Fork carriage width	b3	1270 mm
4.26	Distance between support arms	b5	1267 mm
4.26	Distance between wheel arms/loading surfaces	b4	1519 mm
4.28	Max. outreach		1310 mm
4.32	Ground clearance at centre of wheelbase	m2	290 mm
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	3840 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	3840 mm
4.35	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		Yanmar - Stage V
7.2	I.C. Engine power rating		31 kW
			2800 rpm
	Rated speed		2000 ipini
7.3	Rated speed Number of cylinders / Canacity of cylinders		3 - 1568 cm <sup>3</sup>
	Number of cylinders / Capacity of cylinders		3 - 1568 cm³
7.3 7.4	Number of cylinders / Capacity of cylinders Miscellaneous		
7.3 7.4 8.1	Number of cylinders / Capacity of cylinders  Miscellaneous  Type of drive control		Mechanical
7.3 7.4	Number of cylinders / Capacity of cylinders Miscellaneous		

### TMT 27S Y ST5 - Dimensional drawing

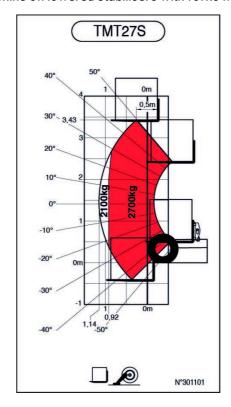


#### TMT 27S Y ST5 - Load chart

#### Machine on tires with forks Metric

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#### Machine on lowered stabilisers with forks Metric







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