Technical sheet:

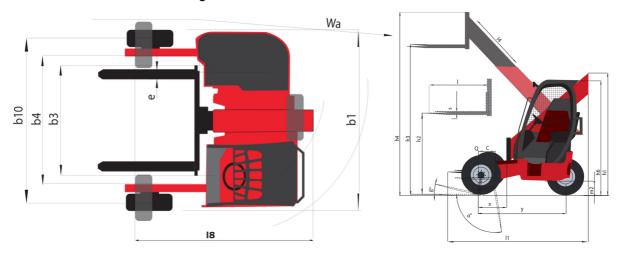
TMT 275 Y ST5





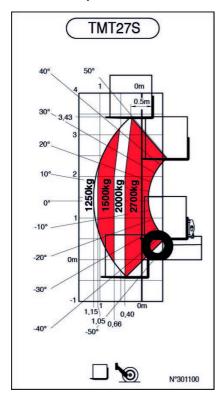
		TMT 275 Y 5T5 GR	TMT 275 Y ST5 Created on May 21, 2024 at 12:15:20 AN	
	Technical characteristics		Metric	
1.1	Manufacturer		MANITOU	
1.2	Model Name		TMT 27S Y ST5	
.2.1	Reach out equipment		Telescopic boom	
1.3	Power source		Diesel	
1.4	Operator type		Seated	
1.5	Max. capacity	Q	2700 kg	
1.6	Load center of gravity	c	500 mm	
1.8	Load distance, centre of drive axle to fork	X	-775 mm	
1.9	Wheelbase	У	1921 mm	
	Weight	· ·		
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		100 °	
4.1.1	Mast/fork carriage tilt, backward		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	37 67 1	FEM 2A	
4.24	Fork carriage width	b3	1270 mm	
4.25	Distance between support arms	b4	1267 mm	
4.26	Distance between support arms/loading surfaces	b4	1519 mm	
4.28	Max. outreach	54	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	Tuming radius	Wa	3215 mm	
4.55	Performances	Wa	3213 Hilli	
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	
5.5	Nominal pulling force (laden)		1540	
5.3	Lowering speed (laden / unladen)		0.29 m/s / 0.32 m/s	
5.10	Service brake		Hydraulic brakes by loss of pressure	
5.9	Acceleration time (laden / unladen)		4 s / 3.50 s	
0.7	Engine		4 5 / 3.30 5	
7.1	Engine brand / norm		Yanmar - Stage V	
7.1	Engine power according to ISO 1585		31 kW	
7.2	Rated speed		2800 rpm	
7.4	Number of cylinders / Capacity of cylinders		3 - 1568 cm ³	
7.5	Fuel consumption according to VDI cycle		5.20 l/h	
0.1	Miscellaneous Time of drive control		Machanitad	
8.1	Type of drive control		Mechanical	
8.2	Working hydraulic pressure for attachments		270 bar	
8.3	Oil flow rate for attachments		44 I/min	

TMT 27S Y ST5 - Dimensional drawing

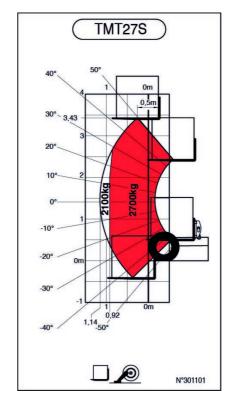


TMT 27S Y ST5 - Load chart

Machine on tyres with forks Metric



Machine on stabilisers with forks Metric







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