Technical sheet :

TMT 275 Y ST5





	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.2.1	Reach out equipment	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	
1.6	Load center of gravity	
1.8	Load distance, centre of drive axle to fork	
1.9	Wheelbase	
	Weight	
2.1	Service weight	
	Wheels	
3.1	Tires type	
3.2	Dimensions of front wheels	
3.3	Dimensions of rear wheels	
3.5	Number of front wheels / rear wheels	
3.5.2	Drive wheels (front / rear)	
3.6	Front wheel gauge	
	Dimensions	
4.1	Mast/fork carriage tilt, forward	
4.1.1	Mast/fork carriage tilt, backward	
4.2	Height telescopic boom lowered	
4.3	Mast free lift	
4.4	Max. lifting height	
4.5	Height telescopic boom extended	
4.7	Height of overhead guard (cabin)	
4.8	Seat height/stand height	
4.19	Overall length	
4.20	Length to face of forks	
4.21	Overall width	
4.22	Forks section / width / length	
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	
4.25	Distance between support arms	
4.26	Distance between wheel arms/loading surfaces Max. outreach	
4.28	Ground clearance at centre of wheelbase	
4.32	Aisle Width for pallets 1000 x 1200 crossways	
4.34	Aisle width for 800 x 1200 pallet lengthways	
4.35	Tuming radius	
4.55	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.5	Nominal pulling force (laden)	
5.3	Lowering speed (laden / unladen)	
5.10	Service brake	
5.9	Acceleration time (laden / unladen)	
	Engine	
7.1	Engine brand / norm	
7.2	Engine power according to ISO 1585	
7.3	Rated speed	
7.4	Number of cylinders / Capacity of cylinders	
7.5	Fuel consumption according to VDI cycle	
	Miscellaneous	
8.1	Type of drive control	
8.2	Working hydraulic pressure for attachments	
8.3	Oil flow rate for attachments	
8.4	Measured/guaranteed mean noise level at the ear of the operator	

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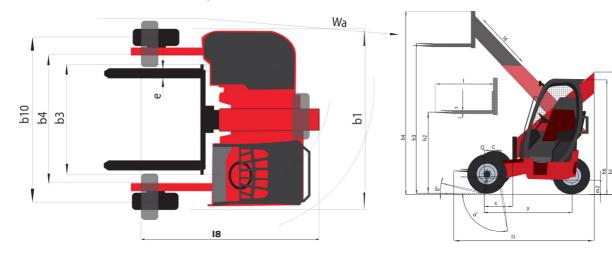
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b10

h1 h2 h3 h4 h6 h7 |1 12 b1 s / e / b3 b4 b4 m2 Ast Ast Wa MANITOU

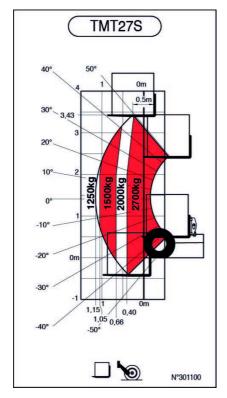
MANITOU	
TMT 27S Y ST5	
Telescopic boom	
Diesel	
Seated	
2700 kg	
500 mm	
-775 mm	
1921 mm	
2720 kg	
- 5	
Pneumatic	
10x16,5	
10x16,5	
2 / 1	
2/1	
2072 mm	
2072 1111	
100 °	
12 °	
2240 mm	
1440 mm	
3380 mm	
3925 mm	
2200 mm	
1220 mm	
2790 mm	
1590 mm	
2350 mm	
40 mm x 125 mm x 1200 mm	
FEM 2A	
1270 mm	
1267 mm	
1519 mm	
1310 mm	
290 mm	
3840 mm	
3840 mm	
3215 mm	
11.80 km/h - 11.50 km/h	
0.25 m/s / 0.27 m/s	
1540 0.20 m/a / 0.22 m/a	
0.29 m/s / 0.32 m/s	
Hydraulic brakes by loss of pressure	
4 s / 3.50 s	_
Versee Oters V	
Yanmar - Stage V	
31 kW	
2800 rpm	
3 - 1568 cm³	
5.20 l/h	
Mechanical	
270 bar	
44 l/min	
104 dB	

TMT 27S Y ST5 - Dimensional drawing

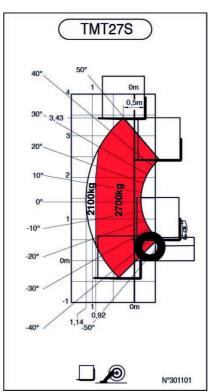


TMT 27S Y ST5 - Load chart

Machine on tyres with forks Metric



Machine on stabilisers with forks Metric





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