Technical sheet :

TMT 251 Y ST5



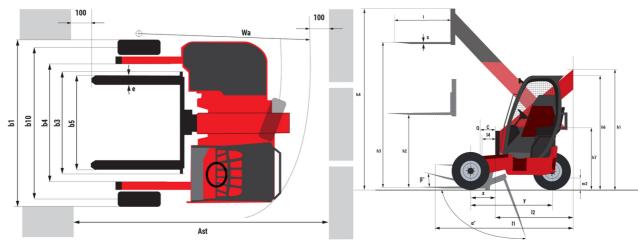


TMT 251Y ST5 Created on August 13, 2025 at 2:50 AM UT	TMT 251 Y ST5	Created on a	August 13	3, 2025 a	at 2:50	AM UTC
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	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.2.1	Reach out equipment	
1.3	Power source	
1.4	Operator type	
1.5	Max. 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	b
	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	s /
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	
4.26	Distance between support arms	
4.26	Distance between wheel arms/loading surfaces	
4.28	Maximum outreach	
4.32	Ground clearance at centre of wheelbase	r
4.33	Aisle Width for pallets 1000 x 1200 crossways	A
4.34	Aisle width for 800 x 1200 pallet lengthways	A
4.35	Turning radius	١
	Performances	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.10	Service brake	
	Engine	
7.1	Engine brand / norm / model	
7.2	I.C. Engine power rating / Power	
7.3	Rated speed	
7.4	Number of cylinders / Capacity of cylinders	
	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	

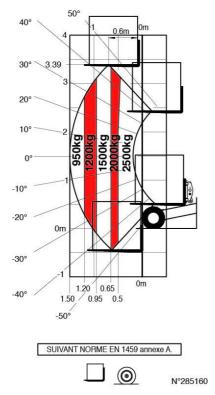
Y ST	S Created on August 13, 2025 at 2:50 AM UTC
	Metric
	MANITOU
	TMT 25I Y ST5
	Telescopic boom
	Diesel
	Seated
Q	2500 kg
c	600 mm
x	-505 mm
y	1784 mm
,	17.04 mm
	2320 kg
	2020 kg
	Pneumatic
	18x7-8
	10x16,5
	2/1
4.0	2/1
010	2102 mm
α	100 °
β	12 °
h1	2240 mm
h2	1440 mm
h3	3380 mm
h4	3925 mm
h6	2200 mm
h7	1220 mm
	2790 mm
11	
12	1590 mm
b1	2266 mm
e/l	40 mm x 125 mm x 1200 mm
	FEM 2A
b3	1270 mm
b5	1267 mm
b4	1634 mm
	1310 mm
m2	278 mm
Ast	3970 mm
Ast	3970 mm
Wa	3011 mm
	0.25 m/s / 0.27 m/s
	0.29 m/s / 0.32 m/s
	Hydraulic brakes by loss of pressure
	Verman Denne V/OTNVOCOT
	Yanmar - Stage V / 3TNV 86 CT
	42 Hp / 31 kW
	2800 rpm
	3 - 1568 cm³
	Mechanical
	270 bar
	44 l/min
	104 dB
	104 00

TMT 25I Y ST5 - Dimensional drawing



TMT 25I Y ST5 - Load chart

Machine on tires with forks Metric





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