Technical sheet :

## **TMT 251 Y ST5**



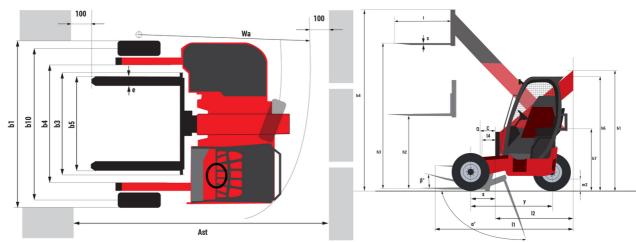


TMT 251 Y ST5	Created on August 12, 2025 at 1:21 PM UTC
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	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.2.1	Reach out equipment	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	с
1.8	Load distance, centre of drive axle to fork	X
1.9	Wheelbase	у
	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	b10
5.0	Dimensions	510
4.1	Mast/fork carriage tilt, forward	α
4.1.1	Mast/fork carriage tilt, backward	β
4.2	Height telescopic boom lowered	h1
4.3	Mast free lift	h2
4.4	Max. lifting height	h3
4.5	Height telescopic boom extended	h4
4.7	Height of overhead guard (cabin)	h6
4.8	Seat height/stand height	h7
4.19	Overall length	11
4.19	Length to face of forks	12
4.20	Overall width	b1
4.21	Forks section / width / length	s/e
4.22	Fork carriage ISO 2328 (class/form) A/B	376
4.23	Fork carriage width	b3
4.24	Distance between support arms	b5
4.26	Distance between support anns Distance between wheel arms/loading surfaces	b3
4.28	Maximum outreach	04
4.20	Ground clearance at centre of wheelbase	m2
4.32	Aisle Width for pallets 1000 x 1200 crossways	Ast
4.33		Ast
4.34	Aisle width for 800 x 1200 pallet lengthways	Wa
4.55	Turning radius Performances	Wa
5.2		
5.2	Lifting speed (laden / unladen)	
5.10	Lowering speed (laden / unladen) Service brake	
5.10		
7.1	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	
0.1	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	

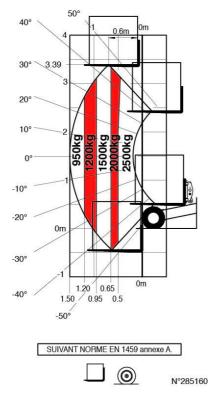
IYST5	Created on August 12, 2025 at 1:21 PM UTC
	Metric
	MANITOU
	TMT 25I Y ST5
	Telescopic boom
	Diesel
	Seated
Q	2500 kg
С	600 mm
x	-505 mm
у	1784 mm
	2320 kg
	Pneumatic
	18x7-8
	10x16,5
	2 / 1
	2 / 1
b10	2102 mm
۵	100 °
β	12 °
h1	2240 mm
h2	1440 mm
h3	3380 mm
h4	3925 mm
h6	2200 mm
h7	1220 mm
11	2790 mm
12	1590 mm
b1	2266 mm
/ e / l	40 mm x 125 mm x 1200 mm
<b>L</b> 0	FEM 2A
b3	1270 mm 1267 mm
b5 b4	1634 mm
04	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
	Yanmar - Stage V / 3TNV 86 CT
	42 Hp / 31 kW
	2800 rpm
	3 - 1568 cm <sup>3</sup>
	Machanical
	Mechanical 270 bar
	270 bar 44 l/min
	104 dB
	104 UD

## TMT 25I Y ST5 - Dimensional drawing



## TMT 25I Y ST5 - Load chart

## Machine on tires with forks Metric





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