Technical sheet :

TMT 251 Y ST5



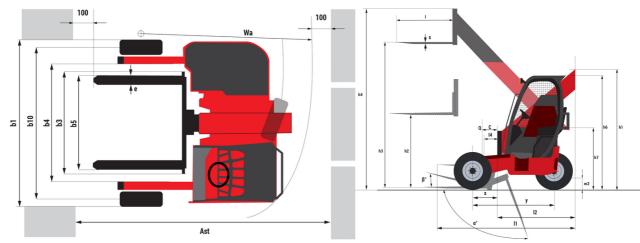


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		1 MI 2511
	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.2.1	Reach out equipment	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	C
1.8	Load distance, centre of drive axle to fork	x
1.9	Wheelbase	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
0.0	Dimensions	
4.1	Mast/fork carriage tilt, forward	α
4.1.1	Mast/fork carriage tilt, backward	β
4.2	Height telescopic boom lowered	h1
4.2	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
4.7	Seat height/stand height	h7
4.0	Overall length	17
4.19	Length to face of forks	12
4.20	Overall width	b1
4.21	Forks section / width / length	s/e
4.22		570
4.23	Fork carriage ISO 2328 (class/form) A/B Fork carriage width	b3
4.24		b5
4.20	Distance between support arms	b3
	Distance between wheel arms/loading surfaces	D4
4.28 4.32	Maximum outreach	
	Ground clearance at centre of wheelbase	m2
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast
4.35	Tuming radius	Wa
5.0	Performances	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.10	Service brake	
7.4	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	

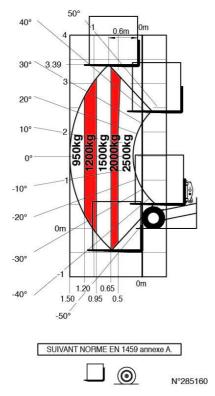
Y STS	Created on August 12, 2025 at 3:57 PM UTC
	Metric
	MANITOU
	TMT 25I Y ST5
	Telescopic boom
	Diesel
	Seated
Q	2500 kg
c	600 mm
x	-505 mm
y	1784 mm
,	
	2320 kg
	Pneumatic
	18x7-8
	10x16,5
	2 / 1
	2 / 1
10	2102 mm
a	100 °
β	12 °
1	2240 mm
12	1440 mm
13	3380 mm
4	3925 mm
16	2200 mm
17	1220 mm
1	2790 mm
2	1590 mm
01	2266 mm
e / I	40 mm x 125 mm x 1200 mm
	FEM 2A
53	1270 mm
5	1267 mm
94	1634 mm
	1310 mm
12	278 mm
st	3970 mm
st	3970 mm
la	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 cm³
	Mechanical
	270 bar
	44 l/min
	104 dB

TMT 25I Y ST5 - Dimensional drawing



TMT 25I Y ST5 - Load chart

Machine on tires with forks Metric





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