Technical sheet:

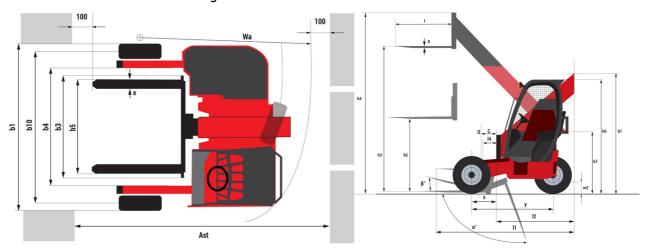
TMT 251 Y ST5





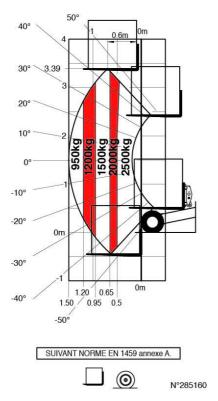
		TMT 251 Y ST5 CIE	eated on August 12, 2025 at 1:21 PM 010
	Technical characteristics		Metric
1.1	Manufacturer		MANITOU
1.2	Model Name		TMT 25I Y ST5
1.2.1	Reach out equipment		Telescopic boom
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	2500 kg
1.6	Load center of gravity	c	600 mm
1.8	Load distance, centre of drive axle to fork	x	-505 mm
1.9	Wheelbase	у	1784 mm
	Weight	,	-
2.1	Service weight		2320 kg
_,,	Wheels		g
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		18x7-8
3.3	Dimensions of rear wheels		10x16,5
3.5	Number of front wheels / rear wheels		2 / 1
3.5.2	Drive wheels (front / rear)		2/1
3.6	Front wheel gauge	b10	2102 mm
3.0	Dimensions	510	2102 111111
4.1	Mast/fork carriage tilt, forward	α	100 °
4.1.1	Mast/fork carriage tilt, backward	β	12 °
4.1.1	Height telescopic boom lowered	h1	2240 mm
4.2	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
4.7	Seat height/stand height	h7	1220 mm
4.19		II7	2790 mm
4.19	Overall length Length to face of forks	12	1590 mm
	Overall width	b1	2266 mm
4.21 4.22	Forks section / width / length		40 mm x 125 mm x 1200 mm
4.22		s / e / l	40 IIIII X 123 IIIII X 1200 IIIIII
	Fork carriage ISO 2328 (class/form) A/B	h2	1270 mm
4.24	Fork carriage width	b3	
4.26	Distance between support arms	b5	1267 mm
4.26	Distance between wheel arms/loading surfaces	b4	1634 mm
4.28	Maximum outreach	0	1310 mm
4.32	Ground clearance at centre of wheelbase	m2	278 mm
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	3970 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	3970 mm
4.35	Turning radius	Wa	3011 mm
5.0	Performances		0.05 / /0.07 /
5.2	Lifting speed (laden / unladen)		0.25 m/s / 0.27 m/s
5.3	Lowering speed (laden / unladen)		0.29 m/s / 0.32 m/s
5.10	Service brake		Hydraulic brakes by loss of pressure
7.6	Engine		V 0 1 1 1 2 2 2 2 2
7.1	Engine brand / norm / model		Yanmar - Stage V / 3TNV 86 CT
7.2	I.C. Engine power rating / Power		42 Hp / 31 kW
7.3	Rated speed		2800 rpm
7.4	Number of cylinders / Capacity of cylinders		3 - 1568 cm³
	Miscellaneous		
8.1	Type of drive control		Mechanical
8.2	Working hydraulic pressure for attachments		270 bar
8.3	Oil flow rate for attachments		44 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator		104 dB

TMT 25I Y ST5 - Dimensional drawing



TMT 25I Y ST5 - Load chart

Machine on tires with forks Metric







Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes