Technical sheet :

# **TMT 275 Y ST5**



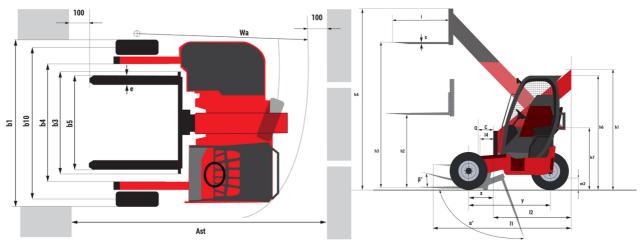


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		IMI 275
	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.2.1	Reach out equipment	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	C
1.6	Load center of gravity	
1.8	Load distance, centre of drive axle to fork	x
1.9	Wheelbase	)
1.5	Weight	,
2.1	Service weight	
2.1	Wheels	
3.1		
3.1	Tires type 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)	L 1
3.6	Front wheel gauge	b1
14	Dimensions	
4.1	Mast/fork carriage tilt, forward	C
4.1.1	Mast/fork carriage tilt, backward	Ê
4.2	Height telescopic boom lowered	h
4.3	Mast free lift	h
4.4	Max. lifting height	h:
4.5	Height telescopic boom extended	h
4.7	Height of overhead guard (cabin)	h
4.8	Seat height/stand height	h
4.19	Overall length	ľ
4.20	Length to face of forks	Ľ
4.21	Overall width	b
4.22	Forks section / width / length	s / e
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	b
4.26	Distance between support arms	b
4.26	Distance between wheel arms/loading surfaces	b
4.28	Maximum outreach	
4.32	Ground clearance at centre of wheelbase	m
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	W
	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.9	Acceleration time (laden / unladen)	
5.10	Service brake	
	Engine	
7.1	Engine brand / norm / model	
7.2	I.C. Engine power rating	
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	

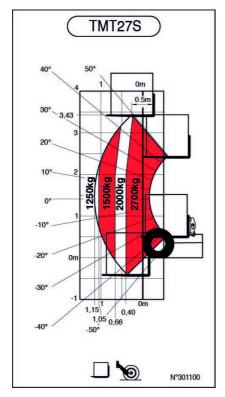
5 Y ST	S Created on August 12, 2025 at 4:14 PM UTC
	Metric
	MANITOU
	TMT 27S Y ST5
	Telescopic boom
	Diesel
	Seated
Q	2700 kg
С	500 mm
х	-775 mm
у	1921 mm
	2720 kg
	2720 Kg
	Pneumatic
	10x16,5
	10x16,5
	2 / 1
	2 / 1
b10	2072 mm
۵	100 °
β	12 °
h1	2240 mm
h2	1440 mm
h3	3380 mm
h4 h6	3925 mm 2200 mm
h7	1220 mm
11	2790 mm
12	1590 mm
b1	2350 mm
/ e / l	40 mm x 125 mm x 1200 mm
	FEM 2A
b3	1270 mm
b5	1267 mm
b4	1519 mm
	1310 mm
m2	290 mm
Ast	3840 mm
Ast Wa	3840 mm 3215 mm
Wd	3213 1111
	11.80 km/h - 11.50 km/h
	0.25 m/s / 0.27 m/s
	0.29 m/s / 0.32 m/s
	4 s / 3.50 s
	Hydraulic brakes by loss of pressure
	Yanmar - Stage V / 3TNV 86 CT
	31 kW
	2800 rpm
	3 - 1568 cm³
	Mechanical
	270 bar
	44 l/min 104 dB
	104 GB

## TMT 27S Y ST5 - Dimensional drawing

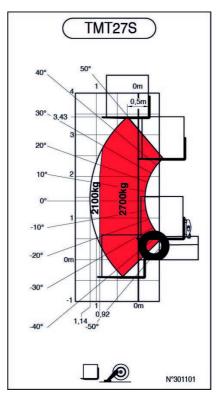


### TMT 27S Y ST5 - Load chart

#### Machine on tires with forks Metric



#### Machine on lowered stabilisers 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



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