Technical sheet :

TMT 275 Y ST5



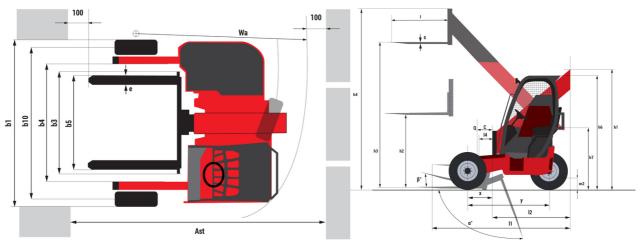


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		IMI 275
	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.2.1	Reach out equipment	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	C
1.6	Load center of gravity	
1.8	Load distance, centre of drive axle to fork	x
1.9	Wheelbase)
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	

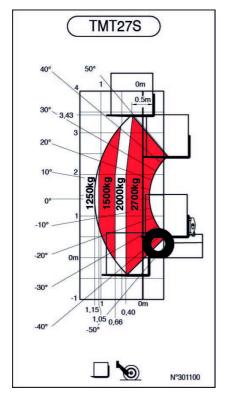
5 Y ST5	Created on August 12, 2025 at 9:23 PM UTC
	Metric
	MANITOU
	TMT 27S Y ST5
	Telescopic boom
	Diesel
	Seated
Q	2700 kg
С	500 mm
x	-775 mm
у	1921 mm
	2720 kg
	2720 kg
	Pneumatic
	10x16,5
	10x16,5
	2 / 1
	2 / 1
b10	2072 mm
α	100 °
β	12 °
h1	2240 mm
h2	1440 mm
h3	3380 mm
h4 h6	3925 mm 2200 mm
h7	1220 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	3840 mm
Wa	3215 mm
	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

TMT 27S Y ST5 - Dimensional drawing

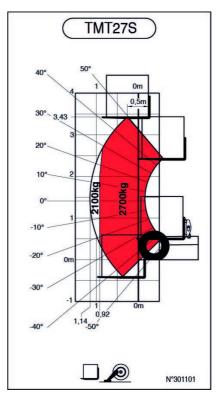


TMT 27S Y ST5 - Load chart

Machine on tires with forks Metric



Machine on lowered stabilisers with forks Metric





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