Technical sheet :

# **TMT 27P Y ST5**



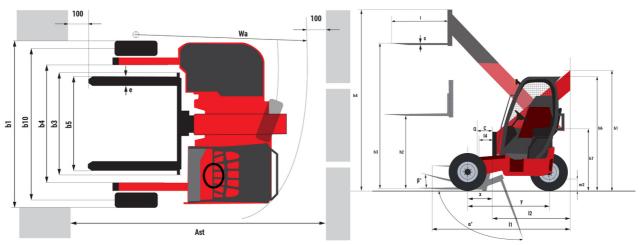


	Created on June 10	2025 at 12:22 AM LITC
TMT 27P Y ST5	Created on June 18	, 2025 at 12:22 AM UTC

		1 M I	27P Y
	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		۵
4.1.1	Mast/fork carriage tilt, backward		β
4.2	Height telescopic boom lowered		h1
4.2	Mast free lift		h2
4.3	Max. lifting height		h3
4.4	Height telescopic boom extended		h4
4.5			h6
4.7	Height of overhead guard (cabin) Seat height/stand height		h7
4.0	Overall length		17
4.19	-		12
	Length to face of forks		12 b1
4.21	Overall width		
4.22	Forks section / width / length		s/e/l
4.23 4.24	Fork carriage ISO 2328 (class/form) A/B		<b>L</b> D
	Fork carriage width		b3
4.26	Distance between support arms		b5
4.26	Distance between wheel arms/loading surfaces		b4
4.28	Maximum outreach		-
4.32	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
	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		

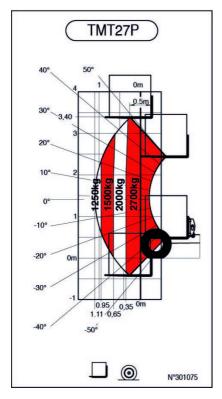
PYST5	Created on June 18, 2025 at 12:22 AM UTC
	Metric
	MANITOU
	TMT 27P Y ST5
	Telescopic boom
	Diesel
	Seated
Q	2700 kg
С	500 mm
X	-775 mm
у	1921 mm
,	
	2720 kg
	Pneumatic
	280/60-15,5
	280/60-15,5
	2 / 1
	2 / 1
b10	2070 mm
α	100 °
β	12 °
h1	2219 mm
h2	1440 mm
h3	3380 mm
h4	3925 mm
h6	2200 mm
h7	1220 mm
11	3590 mm
12	1519 mm
b1	2350 mm
/ e / l	45 mm x 125 mm x 2000 mm
	FEM 2A
b3	1270 mm
b5	1267 mm
b4	1519 mm
	1310 mm
m2	278 mm
Ast	4640 mm
Ast	4640 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
	Mark 1
	Mechanical
	270 bar
	44 l/min
	104 dB

## TMT 27P Y ST5 - Dimensional drawing

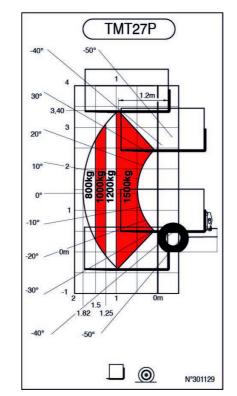


### TMT 27P Y ST5 - Load chart

### Machine on tires with forks Metric



#### Machine on tires with forks LC 1200 mm Metric





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