Technical sheet :

# **TMT 27P Y ST5**



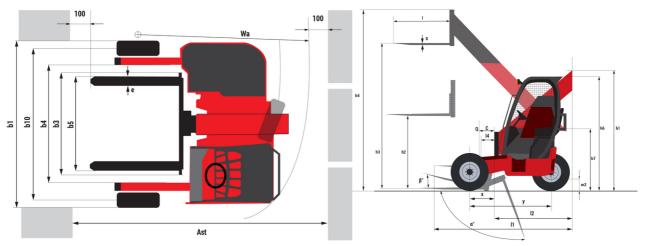


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	17	11 27	
	Technical characteristics		
1.1	Manufacturer		
1.2	Model Name		
1.2.1	Reach out equipment		
1.3	Power source		
1.4	Operator type		
1.5	Max. capacity		
1.6	Load center of gravity		
1.8	Load distance, centre of drive axle to fork		
1.9	Wheelbase		
	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	b	
	Dimensions		
4.1	Mast/fork carriage tilt, forward		
4.1.1	Mast/fork carriage tilt, backward		
4.2	Height telescopic boom lowered	ł	
4.3	Mast free lift	ł	
4.4	Max. lifting height	ł	
4.5	Height telescopic boom extended	ł	
4.7	Height of overhead guard (cabin)	ł	
4.8	Seat height/stand height	ł	
4.19	Overall length		
4.20	Length to face of forks		
4.21	Overall width	ł	
4.22	Forks section / width / length	s /	
4.23	Fork carriage ISO 2328 (class/form) A/B		
4.24	Fork carriage width	ł	
4.26	Distance between support arms	ł	
4.26	Distance between wheel arms/loading surfaces	ł	
4.28	Maximum outreach		
4.32	Ground clearance at centre of wheelbase	r	
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	٧	
	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		

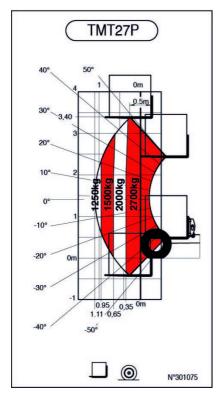
7P Y 9	5T5	Created on June 17, 2025 at 9:59 PM UTC
		Metric
		MANITOU
		TMT 27P Y ST5
		Telescopic boom
		Diesel
		Seated
Q		2700 kg
С		500 mm
х		-775 mm
у		1921 mm
		2720 kg
		Pneumatic
		280/60-15,5
		280/60-15,5
		2/1 2/1
b10		27 I 2070 mm
010		2070 1111
۵		100 °
β		12 °
h1		2219 mm
h2		1440 mm
h3		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 Wa		4640 mm 3215 mm
Wa		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

## TMT 27P Y ST5 - Dimensional drawing

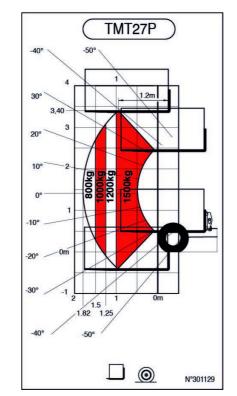


### TMT 27P Y ST5 - Load chart

### Machine on tires with forks Metric



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





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