Technical sheet:

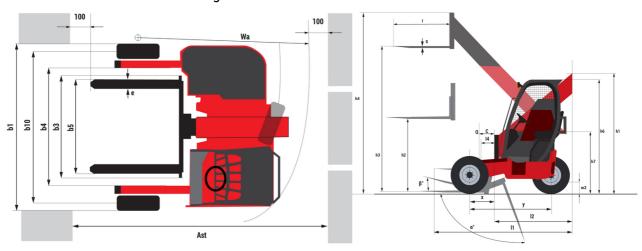
# TMT 27P Y ST5





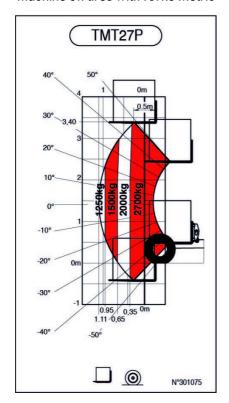
		IMI 27P Y SIS Clear	ted on November 8, 2025 at 10:47 PM
	Technical characteristics		Metric
1.1	Manufacturer		MANITOU
1.2	Model Name		TMT 27P Y ST5
.2.1	Reach out equipment		Telescopic boom
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	2700 kg
1.6	Load center of gravity	С	500 mm
1.8	Load distance, centre of drive axle to fork	x	-775 mm
1.9	Wheelbase	y	1921 mm
	Weight		
2.1	Service weight		2720 kg
	Wheels		J
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		280/60-15,5
3.3	Dimensions of rear wheels		280/60-15,5
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	2070 mm
0.0	Dimensions	510	20/0 111111
4.1	Mast/fork carriage tilt, forward		100 °
		α	
.1.1	Mast/fork carriage tilt, backward	β	12 °
4.2	Height telescopic boom lowered	h1	2219 mm
4.3	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
4.8	Seat height/stand height	h7	1220 mm
1.19	Overall length	l1	3590 mm
1.20	Length to face of forks	12	1519 mm
1.21	Overall width	b1	2350 mm
4.22	Forks section / width / length	s / e / l	45 mm x 125 mm x 2000 mm
1.23	Fork carriage ISO 2328 (class/form) A/B		FEM 2A
1.24	Fork carriage width	b3	1270 mm
1.26	Distance between support arms	b5	1267 mm
1.26	Distance between wheel arms/loading surfaces	b4	1519 mm
1.28	Maximum horizontal extension at COG 600	14	1310 mm
1.32	Ground clearance at centre of wheelbase	m2	278 mm
1.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	4640 mm
1.34	Aisle width for 800 x 1200 pallet lengthways	Ast	4640 mm
1.35	Turning radius	Wa	3215 mm
	Performances		
5.1	Travel speed (laden / unladen)		11.80 km/h - 11.50 km/h
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
5.9	Acceleration time (laden / unladen)		4 s / 3.50 s
5.10	Service brake		Hydraulic brakes by loss of pressure
	Engine		,
7.1	Engine brand / norm / model		Yanmar - Stage V / 3TNV 86 CT
7.2	Engine power (Hp / kW)		42 Hp / 31 kW
7.3	Rated speed		2800 rpm
7.3 7.4	Number of cylinders / Capacity of cylinders		3 - 1568 cm <sup>3</sup>
7.4			5 * 1900 CIII-
0 1	Miscellaneous		Mechanical
8.1	Type of drive control		
	Working hydraulic pressure for attachments		270 bar
8.2 8.3	Oil flow rate for attachments		44 l/min

## TMT 27P Y ST5 - Dimensional drawing

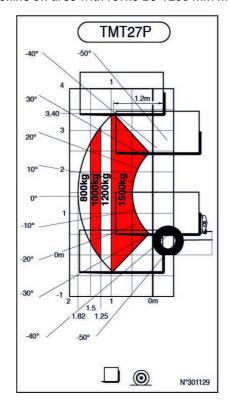


### TMT 27P Y ST5 - Load chart

#### Machine on tires with forks Metric



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







#### **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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