Technical sheet :

# **TMT 275 Y ST5**



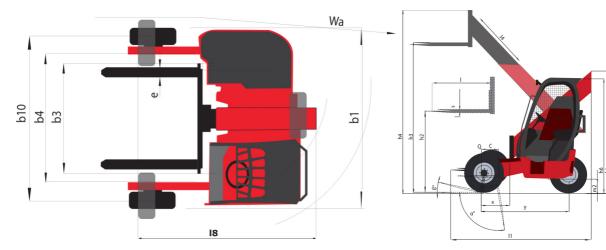


	Technical characteristics
1	Manufacturer
2	Model Name
.1	Reach out equipment
}	Power source
	Operator type
	Max. capacity
	Load center of gravity
	Load distance, centre of drive axle to fork
	Wheelbase
	Weight Service weight
	Wheels
	Tires type
	Dimensions of front wheels
	Dimensions of rear wheels
	Number of front wheels / rear wheels
	Drive wheels (front / rear)
	Front wheel gauge
	Dimensions
	Mast/fork carriage tilt, forward
	Mast/fork carriage tilt, backward
	Height telescopic boom lowered
	Mast free lift
	Max. lifting height
	Height telescopic boom extended
	Height of overhead guard (cabin)
	Seat height/stand height
	Overall length
	Length to face of forks
	Overall width
	Forks section / width / length
	Fork carriage ISO 2328 (class/form) A/B
	Fork carriage width
	Distance between support arms
	Distance between wheel arms/loading surfaces
	Max. outreach
	Ground clearance at centre of wheelbase
	Aisle Width for pallets 1000 x 1200 crossways
	Aisle width for 800 x 1200 pallet lengthways
	Tuming radius
	Performances
	Travel speed (laden / unladen)
	Lifting speed (laden / unladen)
	Nominal pulling force (laden)
	Lowering speed (laden / unladen)
	Service brake
	Acceleration time (laden / unladen)
	Engine
	Engine brand / norm
	Engine power according to ISO 1585
	Rated speed
	Number of cylinders / Capacity of cylinders
	Fuel consumption according to VDI cycle
	Miscellaneous
	Type of drive control
	Working hydraulic pressure for attachments
	Oil flow rate for attachments

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	Metric

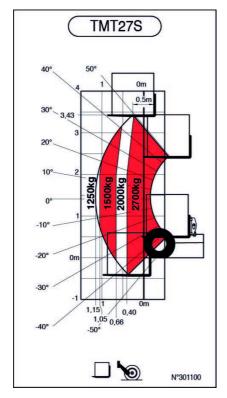
	Metric
	MANITOU
	TMT 27S Y ST5
	Telescopic boom
	Diesel
	Seated
Q	2700 kg
c	500 kg
	-775 mm
X	
у	1921 mm
	2720 km
	2720 kg
	Pneumatic
	10x16,5
	10x16,5
	2 / 1
	2 / 1
b10	2072 mm
	100 °
	12 °
h1	2240 mm
h2	1440 mm
h3	3380 mm
h4	3925 mm
h6	2200 mm
h7	1220 mm
11	2790 mm
12	1590 mm
b1	2350 mm
s / e / l	40 mm x 125 mm x 1200 mm
	FEM 2A
b3	1270 mm
b4	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
	1540
	0.29 m/s / 0.32 m/s
	Hydraulic brakes by loss of pressure
	4 s / 3.50 s
	Yanmar - Stage V
	31 kW
	2800 rpm
	3 - 1568 cm³
	5.20 l/h
	Mechanical
	270 bar
	44 l/min
	104 dB

## TMT 27S Y ST5 - Dimensional drawing

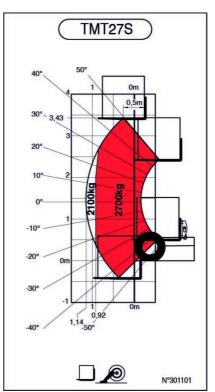


### TMT 27S Y ST5 - Load chart

### Machine on tyres with forks Metric



#### Machine on stabilisers with forks Metric





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