

Technical sheet :

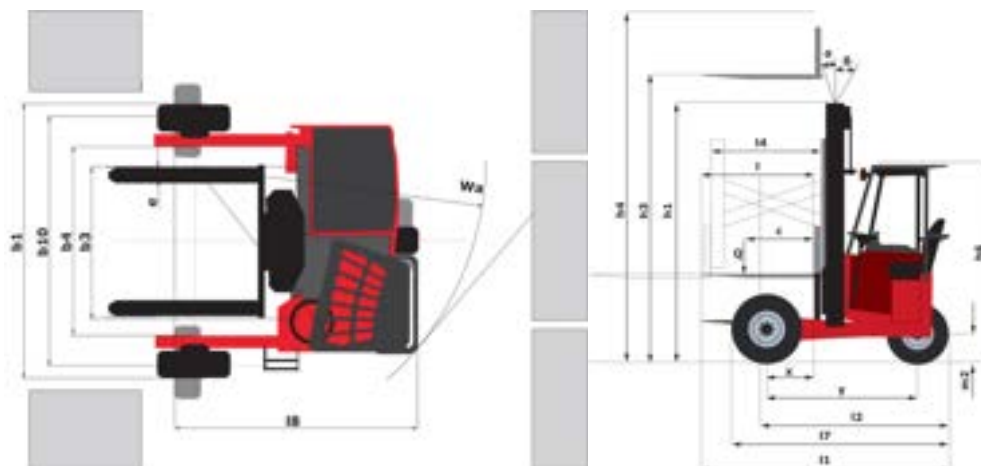
TMM 25 4W ST5



 **MANITOU**
HANDLING YOUR WORLD

Technical characteristics		Metric	
1.1	Manufacturer		MANITOU
1.2	Model Name		TMM 25 4W ST5
1.2.1	Reach out equipment		Pantograph
1.3	Power source		Diesel
1.4	Operator type		Sitting
1.5	Max. capacity	Q	2500 kg
1.6	Load center of gravity	c	500 mm
1.8	Load distance, centre of drive axle to fork	x	500 mm
1.9	Wheelbase	y	1598 mm
Weight			
2.1	Service weight		2500 kg
2.2	Weight on front axle (laden) / rear axle (laden)		3715 kg / 1285 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		1215 kg / 1285 kg
Wheels			
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		27X10-12 IC30
3.3	Dimensions of rear wheels		27X10-12 IC30
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	2143 mm
Dimensions			
4.7	Height of overhead guard (cabin)	h6	2120 mm
4.8	Seat height/stand height	h7	1070 mm
4.19	Overall length	l1	2638 mm
4.21	Overall width	b1	2398 mm
4.22	Forks section / width / length	s / e / l	40 mm x 122 mm x 1200 mm
4.23	Fork carriage ISO 2328 (class/form) A/B		2A
4.24	Fork carriage width	b3	1260 mm
4.25	Distance between support arms	b5	1165 mm
4.26	Distance between wheel arms/loading surfaces	b4	1492 mm
4.28	Maximum horizontal extension at COG 600	l4	1000 mm
4.28	Max. outreach		1005 mm
4.32	Ground clearance at centre of wheelbase	m2	272 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	3363 mm
4.35	Turning radius	Wa	2463 mm
4.36	Internal turning radius (over tyres)	b13	672 mm
Performances			
5.1	Travel speed (laden / unladen)		10.60 km/h - 10.70 km/h
5.2	Lifting speed (laden / unladen)		0.26 m/s / 0.24 m/s
5.5	Nominal pulling force (laden)		2450
5.3	Lowering speed (laden / unladen)		0.38 m/s / 0.24 m/s
5.7	Gradeability (laden / unladen)		47 % / 48 %
5.10	Service brake		Hydraulic brakes by loss of pressure
5.9	Acceleration time (laden / unladen)		4.10 s / 2.60 s
5.11	Transmission type		Hydrostatic
Engine			
7.1	Engine brand / norm		Kubota - Stage V
7.2	Engine power according to ISO 1585		18.50 kW
7.3	Rated speed		3000 rpm
7.4	Number of cylinders / Capacity of cylinders		3 - 1123 cm³
Miscellaneous			
8.1	Type of drive control		Cable
8.2	Working hydraulic pressure for attachments		190 bar
8.3	Oil flow rate for attachments		43 l/min
8.4	Sound level at the driver's ear according to DIN 12 053		84 dB

TMM 25 4W ST5 - Dimensional drawing



Characteristics of masts and residual capacities

		Full Visibility Duplex (FVD)				
		FVD 30	FVD 36	FVD 39		
Residual Capacity (Maximum Height & LC = 600 mm)	Simple Reach	h1 - Mast lowered height	mm	2392	2742	2892
		h3 - Mast lifting height	mm	3000	3600	3900
		h4 - Mast extended height	mm	4495	5095	5395
		Pantograph reach in	kg	2500	2500	2500
	Pantograph reach out with stabilizers	kg	2050	2050	2050	
	Pantograph reach out without stabilizers	kg	1150	1100	1000	
	Telescopic forks reach in	kg	2500	2500	2500	
	Telescopic Forks reach out with stabilizers	kg	1350	1300	1300	
	Telescopic Forks reach out without stabilizers	kg	1200	1150	1100	
	Double Reach	Pantograph & TF reach in	kg	2500	2500	2500
		Pantograph & TF reach out with stabilizers	kg	1100	1100	1100
		Pantograph & TF reach out without stabilizers	kg	550	550	550



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