Technical sheet:

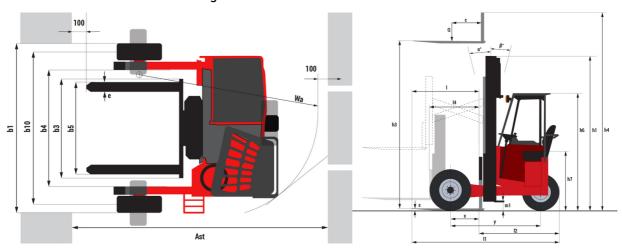
TMM 25 4W ST5





	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		Seated
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	A V	1598 mm
1.5	Weight	y	1390 111111
	Standard mast reference of the machine		FVD 30
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		
4.4	Max. lifting height	h3	4200 mm
4.7	Height of overhead guard (cabin)	h6	2120 mm
4.8	Seat height/stand height	h7	1070 mm
1.19	Overall length	<u>I1</u>	2638 mm
1.21	Overall width	b1	2398 mm
1.22	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
4.26	Distance between support arms	b5	1165 mm
1.26	Distance between wheel arms/loading surfaces	b4	1492 mm
1.28	Maximum horizontal extension at COG 600	14	1000 mm
1.34	Aisle width for 800 x 1200 pallet lengthways	Ast	3363 mm
1.35	Turning radius	Wa	2463 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
5.3	Lowering speed (laden / unladen)		0.38 m/s / 0.24 m/s
5.7	Gradeability (laden / unladen)		47 % / 48 %
5.9	Acceleration time (laden / unladen)		4.10 s / 2.60 s
5.10	Service brake		Hydraulic brakes by loss of pressure
	Transmission type		Hydrostatic
	Engine		Hydrostatic
7.1	Engine brand / norm / model		Kubota - Stage V / D1105-E4B-MNT-2
7.1	Engine power (Hp / kW)		25 Hp / 18.50 kW
7.2	Rated speed		25 Hp / 18.50 kW 3000 rpm
7.4	Number of cylinders / Capacity of cylinders		3 - 1123 cm³
0.1	Miscellaneous Time of drive control		O.H.
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

TMM 25 4W ST5 - Dimensional drawing



Characteristics of masts and residual capacities

		Full Visibility Duplex (FVD)		F
		h1 - Mast lowered height	mm	
		h3 - Mast lifting height	mm	
		h4 - Mast extended height	mm	
rt &	Simple Reach	Pantograph reach in	kg	
leigh		Pantograph reach out with stabilizers	kg	
횰		Pantograph reach out without stabilizers	kg	
Ē.		Telescopic forks reach in	kg	
Ма) 00 п		Telescopic Forks reach out with stabilizers	kg	
Residual Capacity (Maximum Height & LC = 600 mm)		Telescopic Forks reach out without stabilizers	kg	
l Ca	Double Reach	Pantograph & TF reach in	kg	
idua		Pantograph & TF reach out with stabilizers	kg	
Res		Pantograph & TF reach out without stabilizers	kg	

FVD 30	FVD 36	FVD 42
2392	2742	3092
3000	3600	4200
4495	5095	5695
2500	2500	2500
2050	2050	
1150	1100	
2500	2500	
1350	1300	
1200	1150	
2500	2500	
1100	1100	
550	550	





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