Technical sheet :

TMM 25 4W ST5

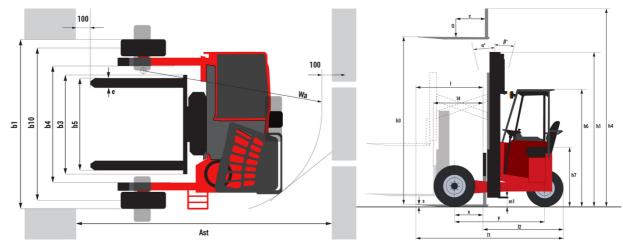




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.2.1	Reach out equipment	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	С
1.8	Load distance, centre of drive axle to fork	х
1.9	Wheelbase	у
	Weight	
	Standard mast reference of the machine	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
	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	b10
	Dimensions	
4.4	Max. lifting height	h3
4.7	Height of overhead guard (cabin)	h6
4.8	Seat height/stand height	h7
4.19	Overall length	1
4.21	Overall width	b1
4.22	Forks section / width / length	s / e / l
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	b3
4.26	Distance between support arms	b5
4.26	Distance between wheel arms/loading surfaces	b4
4.28	Maximum outreach	
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast
4.35	Turning radius	Wa
	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.7	Gradeability (laden / unladen)	
5.9	Acceleration time (laden / unladen)	
5.10	Service brake	
	Transmission type	
	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	Sound level at the driver's ear according to DIN 12 053	

4WST5 Created on August 12, 2025 at 11:48 PM UT									
	Metric								
	MANITOU								
	TMM 25 4W ST5								
	Pantograph								
	Diesel								
	Seated								
Q	2500 kg								
c	500 mm								
x	500 mm								
	1598 mm								
у	1390 1111								
	FVD 30								
	2500 kg 3715 kg / 1285 kg								
	1215 kg / 1285 kg								
	Pneumatic								
	27X10-12 IC30								
	27X10-12 IC30								
	2 / 1								
	2 / 1								
b10	2143 mm								
h3	4200 mm								
h6	2120 mm								
h7	1070 mm								
11	2638 mm								
b1	2398 mm								
s / e / l	40 mm x 122 mm x 1200 mm								
	2A								
b3	1260 mm								
b5	1165 mm								
b4	1492 mm								
	1000 mm								
Ast	3363 mm								
Wa	2463 mm								
	10.60 km/h - 10.70 km/h								
	0.26 m/s / 0.24 m/s								
	0.38 m/s / 0.24 m/s								
	47 % / 48 %								
	4.10 s / 2.60 s								
	Hydraulic brakes by loss of pressure								
	Hydrostatic								
	Kubota - Stage V / D1105-E4B-MNT-2								
	18.50 kW								
	3000 rpm								
	3 - 1123 cm³								
	Cable								
	190 bar								
	43 l/min								
	84 dB								

TMM 25 4W ST5 - Dimensional drawing



Characteristics of masts and residual capacities

		Full Visibility Duplex (FVD)		FVD 30	FVD 36	FVD 42
		h1 - Mast lowered height	mm	2392	2742	3092
		h3 - Mast lifting height	mm	3000	3600	4200
		h4 - Mast extended height	mm	4495	5095	5695
Residual Capacity (Maximum Height & LC = 600 mm)	Simple Reach	Pantograph reach in	kg	2500	2500	2500
		Pantograph reach out with stabilizers	kg	2050	2050	
		Pantograph reach out without stabilizers	kg	1150	1100	
		Telescopic forks reach in	kg	2500	2500	
		Telescopic Forks reach out with stabilizers	kg	1350	1300	
		Telescopic Forks reach out without stabilizers	kg	1200	1150	
	Double Reach	Pantograph & TF reach in	kg	2500	2500	
		Pantograph & TF reach out with stabilizers	kg	1100	1100	
		Pantograph & TF reach out without stabilizers	kg	550	550	



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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