Technical sheet :

TMM 25 4W ST5



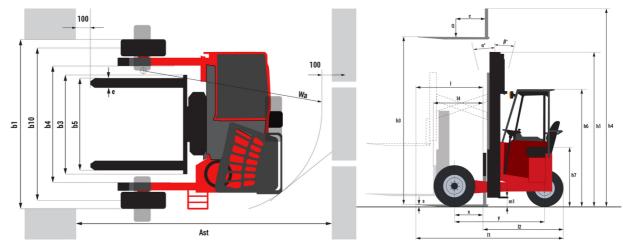


TMM 25 4W ST5	Created on August 2,	, 2025 at 2:59	AM UTC
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		I MM 25 4W
	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.2.1	Reach out equipment	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	С
1.8	Load distance, centre of drive axle to fork	x
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	

	Metric			
	MANITOU			
	TMM 25 4W ST5			
	Pantograph			
	Diesel			
	Seated			
0				
Q	2500 kg			
С	500 mm			
Х	500 mm			
у	1598 mm			
	FVD 30			
	2500 kg			
	3715 kg / 1285 kg			
	1215 kg / 1285 kg			
	Pneumatic			
	27X10-12 IC30			
	27X10 12 IC30			
	2/1			
140	2/1			
b10	2143 mm			
b 0	1000 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 cm ³			
	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	



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