Technical sheet :

TMM 25 4W ST5



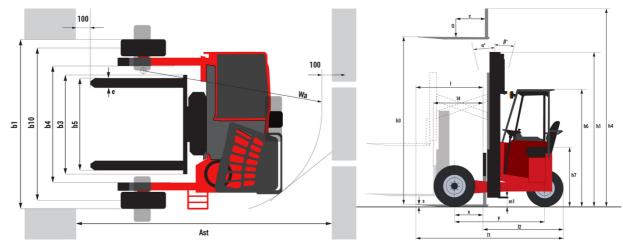


TMM 25 4W ST5 Created on August 2, 2025 at 2:56 AM UTC

		I MM 25 4	1 00
	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	2
1.6	Load center of gravity	c	
1.8	Load distance, centre of drive axle to fork	x	κ.
1.9	Wheelbase	у	1
	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	b1	10
	Dimensions		
4.4	Max. lifting height	h	3
4.7	Height of overhead guard (cabin)	h	6
4.8	Seat height/stand height	h	7
4.19	Overall length	11	1
4.21	Overall width	p.	1
4.22	Forks section / width / length	s / e	e/l
4.23	Fork carriage ISO 2328 (class/form) A/B		
4.24	Fork carriage width	b	3
4.26	Distance between support arms	b	5
4.26	Distance between wheel arms/loading surfaces	b	4
4.28	Maximum outreach		
4.34	Aisle width for 800 x 1200 pallet lengthways	As	st
4.35	Turning radius	W	la
	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		

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	Metric				
	MANITOU				
	TMM 25 4W ST5				
	Pantograph				
	Diesel				
	Seated				
Q	2500 kg				
c	500 mm				
X	500 mm 1598 mm				
у	1598 mm				
	EVD. on				
	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				
b3 b4	1492 mm				
D4	1000 mm				
4.44	3363 mm				
Ast					
Wa	2463 mm				
	10.60 km/h 10.70 km/h				
	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
it &		Pantograph reach in	kg	2500	2500	2500
leigh	e	Pantograph reach out with stabilizers	kg	2050	2050	
Residual Capacity (Maximum Height & LC = 600 mm)	Reach	Pantograph reach out without stabilizers	kg	1150	1100	
	ole F	Telescopic forks reach in	kg	2500	2500	
Ма) 0 т	Simple	Telescopic Forks reach out with stabilizers	kg	1350	1300	
pacity (LC = 6(Telescopic Forks reach out without stabilizers	kg	1200	1150	
Cal	u _	Pantograph & TF reach in	kg	2500	2500	
idua	Double Reach	Pantograph & TF reach out with stabilizers	kg	1100	1100	
Res		Pantograph & TF reach out without stabilizers	kg	550	550	



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