Technical sheet:

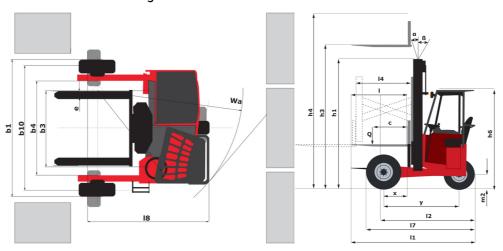
## **TMM 25 4W ST5**





		I MM 25 4W 31 5	TMM 25 4W ST5 Created on 2 May 2024 at 5:35:51 AM 01		
	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	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		
2.5	Wheels		1213 kg / 1203 kg		
3.1	Tires type		Pneumatic		
3.2	Dimensions of front wheels		27X10-12 IC30		
3.3	Dimensions of rear wheels		27X10-12 IC30 27X10-12 IC30		
3.5	Number of front wheels / rear wheels				
			2/1		
3.5.2	Drive wheels (front / rear)	h10	2/1		
3.6	Front wheel gauge	b10	2143 mm		
4.7	Dimensions		0100		
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	b4	1165 mm		
4.26	Distance between wheel arms/loading surfaces	b4	1492 mm		
4.28	Maximum horizontal extension at COG 600	14	1000 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		
	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		, in the second second		
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		
7.4	Miscellaneous		5 1125 CIII		
8.1	Type of drive control		Cable		
8.2			190 bar		
	Working hydraulic pressure for attachments				
8.3	Oil flow rate for attachments  Sound level at the driver's ear according to DIN 12 053		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
		h1 - Mast lowered height	mm	2392	2742
		h3 - Mast lifting height	mm	3000	3600
		h4 - Mast extended height	mm	4495	5095
nt &	Simple Reach	Pantograph reach in	kg	2500	2500
leigh		Pantograph reach out with stabilizers	kg	2050	2050
E		Pantograph reach out without stabilizers	kg	1150	1100
eimu (m		Telescopic forks reach in	kg	2500	2500
Ма) 00 п		Telescopic Forks reach out with stabilizers	kg	1350	1300
Capacity (Maximum Height & LC = 600 mm)		Telescopic Forks reach out without stabilizers	kg	1200	1150
	Double Reach	Pantograph & TF reach in	kg	2500	2500
Residual		Pantograph & TF reach out with stabilizers	kg	1100	1100
Res		Pantograph & TF reach out without stabilizers	kg	550	550





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