Technical sheet:

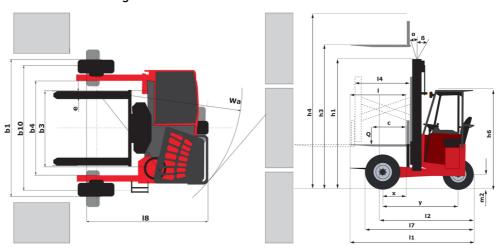
TMM 25 ST5





		IMM 25 515 U	reated on April 28, 2024 at 9:52:24 PM UTC	
	Technical characteristics		Metric	
1.1	Manufacturer		MANITOU	
1.2	Model Name		TMM 25 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	490 mm	
1.9	Wheelbase	у	1598 mm	
	Weight	,		
2.1	Service weight		2340 kg	
2.2	Weight on front axle (laden) / rear axle (laden)		3585 kg / 1255 kg	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		1085 kg / 1255 kg	
2.0	Wheels		1000 kg / 1200 kg	
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	27 T	
3.0	Dimensions	DIO	2131 111111	
4.7	Height of overhead guard (cabin)	h6	2120 mm	
4.8	Seat height/stand height	h7	1070 mm	
4.0		11	2650 mm	
	Overall length	b1		
4.21	Overall width		2406 mm	
4.22 4.23	Forks section / width / length Fork carriage ISO 2328 (class/form) A/B	s / e / l	40 mm x 122 mm x 1200 mm 2A	
		h 2	1260 mm	
4.24	Fork carriage width	b3 b4	1165 mm	
4.25	Distance between support arms	b4	1600 mm	
4.26	Distance between wheel arms/loading surfaces			
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	
F.1	Performances		10 CO have the 10 70 have the	
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)		2200	
5.3	Lowering speed (laden / unladen)		0.38 m/s / 0.21 m/s	
5.7	Gradeability (laden / unladen)		50 % / 51 %	
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	
7.6	Engine		W.L	
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 Miscellaneous		3 - 1123 cm³	
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	
8.4	Sound level at the driver's ear according to DIN 12 053		84 dB	

TMM 25 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	3090
		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	2000	1950	
		Pantograph reach out without stabilizers	kg	1050	1000	
		Telescopic forks reach in	kg	2500	2500	
		Telescopic Forks reach out with stabilizers	kg	1350	1300	
		Telescopic Forks reach out without stabilizers	kg	1150	1100	
	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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