Technical sheet :

## **TMM 25 ST5**

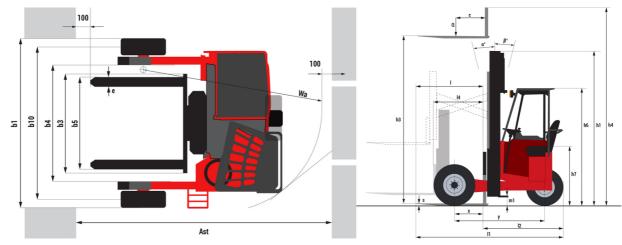




	1			
	Technical characteristics			
1.1	Manufacturer			
1.2	Model Name			
1.2.1	Reach out equipment			
1.3	Power source			
1.4	Operator type			
1.5	Max. capacity	Q		
1.6	Load center of gravity	С		
1.8	Load distance, centre of drive axle to fork	x		
1.9	Wheelbase	у		
	Weight			
	Standard mast reference 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 ST5						
	Pantograph						
	Diesel						
	Seated						
Q	2500 kg						
	_						
С	500 mm						
х	490 mm						
у	1598 mm						
	FVD 30						
	2340 kg						
	3585 kg / 1255 kg						
	1085 kg / 1255 kg						
	Pneumatic						
	27X10-12 IC30						
	27X10-12 IC30						
	2 / 1						
	2 / 1						
b10	2151 mm						
h3	4200 mm						
h6	2120 mm						
h7	1070 mm						
11	2650 mm						
b1	2406 mm						
s/e/l	40 mm x 122 mm x 1200 mm						
3/0/1	2A						
b3	1260 mm						
b5	1165 mm						
b3 b4	1600 mm						
04	1000 mm						
4.4							
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 / 0.21 m/s 50 % / 51 %						
	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 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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