Technical sheet :

TMM 25 ST5

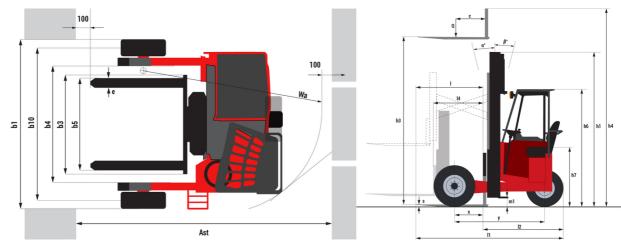




	T			
	Technical characteristics			
1.1	Manufacturer			
1.2	Model Name			
1.2.1	Reach out equipment			
1.3	Power source			
1.4	Operator type			
1.5	Max. capacity	Q		
1.6	Load center of gravity	С		
1.8	Load distance, centre of drive axle to fork	x		
1.9	Wheelbase	у		
	Weight			
	Standard mast reference 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	11		
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						
	2500 kg						
	500 mm						
	490 mm						
	1598 mm						
Ľ							
	FVD 30						
	2340 kg						
	3585 kg / 1255 kg						
	1085 kg / 1255 kg						
	1000 kg / 1200 kg						
1	Pneumatic						
	27X10-12 IC30						
	27X10-12 IC30						
	2/1						
	2/1						
	2151 mm						
Ľ							
1	4200 mm						
	2120 mm						
	1070 mm						
	2650 mm						
	2406 mm						
	40 mm x 122 mm x 1200 mm						
	2A						
	1260 mm						
	1165 mm						
	1600 mm						
	1000 mm						
	3363 mm						
	2463 mm						
L							
	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						
ľ	Kubata Stage V / D1105 E4B MNIT2						
	Kubota - Stage V / D1105-E4B-MNT-2						
	18.50 kW						
	18.50 kW						
	18.50 kW 3000 rpm						
	18.50 kW 3000 rpm						
	18.50 kW 3000 rpm 3 - 1123 cm³						
	18.50 kW 3000 rpm 3 - 1123 cm ³ Cable						
	18.50 kW 3000 rpm 3 - 1123 cm³ Cable 190 bar						

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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