Technical sheet :

## **TMM 25 ST5**



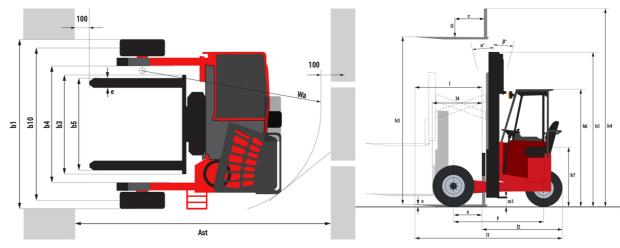


Technical characteristics		Metric	
Manufacturer		MANITOU	
Model Name		TMM 25 ST5	
Reach out equipment		Pantograph	
Power source		Diesel	
Operator type		Seated	
Max. capacity	Q	2500 kg	
Load center of gravity	с	500 mm	
Load distance, centre of drive axle to fork	x	490 mm	
Wheelbase	у	1598 mm	
Weight			
Standard mast reference of the machine		FVD 30	
Service weight		2340 kg	
Weight on front axle (laden) / rear axle (laden)		3585 kg / 1255 kg	
Weight on front axle (Unladen) / rear axle (Unladen)		1085 kg / 1255 kg	
Wheels		5 5	
Tires type		Pneumatic	
Dimensions of front wheels		27X10-12 IC30	
Dimensions of rear wheels		27X10-12 IC30	
Number of front wheels / rear wheels		2 / 1	
Drive wheels (front / rear)		2 / 1	
Front wheel gauge	b10	2151 mm	
Dimensions			
Max. lifting height	h3	4200 mm	
Height of overhead guard (cabin)	h6	2120 mm	
Seat height/stand height	h7	1070 mm	
Overall length	11	2650 mm	
Overall width	b1	2406 mm	
Forks section / width / length	s / e / l	40 mm x 122 mm x 1200 mm	
Fork carriage ISO 2328 (class/form) A/B		2A	
Fork carriage width	b3	1260 mm	
Distance between support arms	b5	1165 mm	
Distance between wheel arms/loading surfaces	b4	1600 mm	
Maximum outreach		1000 mm	
Aisle width for 800 x 1200 pallet lengthways	Ast	3363 mm	
Turning radius	Wa	2463 mm	
Performances			
Travel speed (laden / unladen)		10.60 km/h - 10.70 km/h	
Lifting speed (laden / unladen)		0.26 m/s / 0.24 m/s	
Lowering speed (laden / unladen)		0.38 m/s / 0.21 m/s	
Gradeability (laden / unladen)		50 % / 51 %	
Acceleration time (laden / unladen)		4.10 s / 2.60 s	
Service brake		Hydraulic brakes by loss of pressure	
Transmission type		Hydrostatic	
Engine			
Engine brand / norm / model		Kubota - Stage V / D1105-E4B-MNT-2	
I.C. Engine power rating		18.50 kW	
Rated speed		3000 rpm	
Number of cylinders / Capacity of cylinders		3 - 1123 cm <sup>3</sup>	
Miscellaneous			
Type of drive control		Cable	
Working hydraulic pressure for attachments		190 bar	
Oil flow rate for attachments		43 l/min	

Metric	
MANITOU	
TMM 25 ST5	
Pantograph	
Diesel	
Seated	
2500 kg	
500 mm	
490 mm	

	Seated			
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С	500 mm			
х	490 mm			
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	FVD 30			
	2340 kg			
	3585 kg / 1255 kg			
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	Pneumatic			
	27X10-12 IC30			
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b10	2151 mm			
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b1	2406 mm			
s / e / l	40 mm x 122 mm x 1200 mm			
	2A			
b3	1260 mm			
b5	1165 mm			
b4	1600 mm			
	1000 mm			
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
nt &		Pantograph reach in	kg	2500	2500	2500
leigh	Simple Reach	Pantograph reach out with stabilizers	kg	2000	1950	
Ē		Pantograph reach out without stabilizers	kg	1050	1000	
m) (m		Telescopic forks reach in	kg	2500	2500	
00 m		Telescopic Forks reach out with stabilizers	kg	1350	1300	
Residual Capacity (Maximum Height & LC = 600 mm)		Telescopic Forks reach out without stabilizers	kg	1150	1100	
l Ca	Double Reach	Pantograph & TF reach in	kg	2500	2500	
idua		Pantograph & TF reach out with stabilizers	kg	1100	1100	
Res		Pantograph & TF reach out without stabilizers	kg	550	550	



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