Technical sheet :

TMM 25 ST5





	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
1.6	Load center of gravity
1.8	Load distance, centre of drive axle to fork
1.9	Wheelbase
	Weight
	Standard mast reference of the machine
.1	Service weight
.2	Weight on front axle (laden) / rear axle (laden)
.3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
.1	Tires type
.2	Dimensions of front wheels
.3	Dimensions of rear wheels
.5	Number of front wheels / rear wheels
5.2	Drive wheels (front / rear)
8.6	Front wheel gauge
	Dimensions
4	Max. lifting height
,	Height of overhead guard (cabin)
	Seat height/stand height
3 9	Overall length
21	Overall width
22	Forks section / width / length
23	Fork carriage ISO 2328 (class/form) A/B
23	
	Fork carriage width
26 26	Distance between support arms
	Distance between wheel arms/loading surfaces
28	Maximum outreach
34	Aisle width for 800 x 1200 pallet lengthways
85	Tuming radius
.1	Performances
	Travel speed (laden / unladen)
2	Lifting speed (laden / unladen)
3	Lowering speed (laden / unladen)
7	Gradeability (laden / unladen)
.9	Acceleration time (laden / unladen)
10	Service brake
	Transmission type
	Engine
	Engine brand / norm / model
	I.C. Engine power rating
	Rated speed
4	Number of cylinders / Capacity of cylinders
	Miscellaneous
1	Type of drive control
2	Working hydraulic pressure for attachments
.3	Oil flow rate for attachments
.4	Sound level at the driver's ear according to DIN 12 053

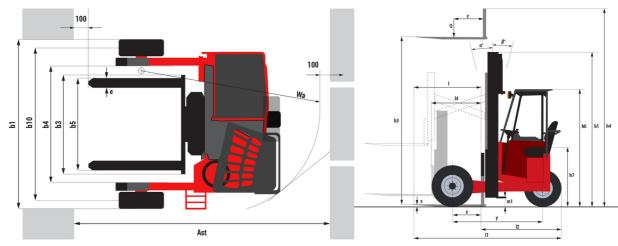
Metric	
MANITOU	
TMM 25 ST5	
Pantograph	
Diesel	
Seated	
2500 kg	
500 mm	
490 mm	
1598 mm	

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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				
010	2151 mm			
F 0	4200 mm			
h3	4200 mm			
h6	2120 mm			
h7	1070 mm			
1	2650 mm			
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 cm ³			
	5 T125 Cm			
	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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