Technical sheet :

## **TMM 25 ST5**



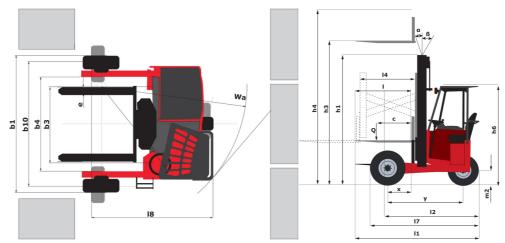


TMM 25 ST5	Created on Apri	I 29, 2024 at	6:53:31 AM UTC

		I MM 25 5
	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	c
1.8	Load distance, centre of drive axle to fork	x
1.9	Wheelbase	у
	Weight	
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	
4.7	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 /
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	b3
4.25	Distance between support arms	b4
4.26	Distance between wheel arms/loading surfaces	b4
4.28	Maximum horizontal extension at COG 600	14
4.32	Ground clearance at centre of wheelbase	m2
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)	
5.5	Nominal pulling force (laden)	
5.3	Lowering speed (laden / unladen)	
5.7	Gradeability (laden / unladen)	
5.10	Service brake	
5.9	Acceleration time (laden / unladen)	
5.11	Transmission type	
	Engine	
7.1	Engine brand / norm	
7.2	Engine power according to ISO 1585	
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	

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	Metric
	MANITOU
	TMM 25 ST5
	Pantograph
	Diesel
	Seated
Q	2500 kg
с	500 mm
х	490 mm
у	1598 mm
	2340 kg
	3585 kg / 1255 kg
	1085 kg / 1255 kg
	Pneumatic
	27X10-12 IC30
	27X10-12 IC30
	2 / 1
	2 / 1
10	2151 mm
h6	2120 mm
h7	1070 mm
11	2650 mm
b1	2406 mm
e / I	40 mm x 122 mm x 1200 mm
	2A
b3	1260 mm
o4	1165 mm
b4	1600 mm
14	1000 mm
n2	272 mm
st	3363 mm
Va	2463 mm
	10.60 km/h - 10.70 km/h
	0.26 m/s / 0.24 m/s
	2200
	0.38 m/s / 0.21 m/s
	50 % / 51 %
	Hydraulic brakes by loss of pressure
	4.10 s / 2.60 s
	Hydrostatic
	Kubata - Staga V
	Kubota - Stage V 18.50 kW
	3000 rpm
	3 - 1123 cm <sup>3</sup>
	5 - 1125 CIII-
	Cable
	190 bar
	43 l/min
	84 dB
	0.00

## 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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