Technical sheet :

## **TMM 20 4W ST5**

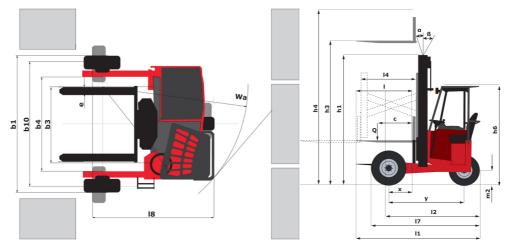




		TMM 20 4W S
	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.2.1	Reach out equipment	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	C
1.8	Load distance, centre of drive axle to fork	x
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
2.2	Weight on front 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	l1
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
4.25	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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IWST5	Greated off May 2, 2024 at 1.29.06 PM 010			
	Metric			
	MANITOU			
	TMM 20 4W ST5			
	Pantograph			
	Diesel			
	Seated			
Q	2000 kg			
с	500 mm			
X	500 mm			
у	1598 mm			
,				
	2450 kg			
	3180 kg / 1270 kg			
	1180 kg / 1270 kg			
	1100 kg / 1270 kg			
	Pneumatic			
	27X10-12 IC30			
	27X10-12 IC30			
	2/1			
	2/1			
10				
10	2095 mm			
	2000 mm			
16	2080 mm			
17	1030 mm			
11	2598 mm			
o1	2315 mm			
e / I	40 mm x 122 mm x 1200 mm			
	2A			
03	1260 m			
54	1165 mm			
04	1492 mm			
14	1000 mm			
n2	231 mm			
Ast	3363 mm			
Va	2463 mm			
	9.40 km/h - 9.50 km/h			
	0.26 m/s / 0.24 m/s			
	2450			
	0.38 m/s / 0.24 m/s			
	47 % / 48 %			
	Hydraulic brakes by loss of pressure			
	4.10 s / 2.60 s			
	Hydrostatic			
	Kubota - Stage V			
	18.50 kW			
	3000 rpm			
	3 - 1123 cm³			
	Cable			
	190 bar			
	43 l/min			
	84 dB			

## TMM 20 4W ST5 - Dimensional drawing



## Characteristics of masts and residual capacities

		Full Visibility Duplex (FVD)		FVD 30	FVD 36
		h1 - Mast lowered height	mm	2352	2702
		h3 - Mast lifting height	mm	3000	3600
		h4 - Mast extended height	mm	4455	5055
Residual Capacity (Maximum Height & LC = 600 mm)	Simple Reach	Pantograph reach in	kg	2000	2000
		Pantograph reach out with stabilizers	kg	1750	1750
		Pantograph reach out without stabilizers	kg	1100	1050
		Telescopic forks reach in	kg	2000	2000
		Telescopic Forks reach out with stabilizers	kg	1300	1300
		Telescopic Forks reach out without stabilizers	kg	1150	1100
	Double Reach	Pantograph & TF reach in	kg	2000	2000
5		Pantograph & TF reach out with stabilizers	kg	1100	1100
		Pantograph & TF reach out without stabilizers	kg	550	550



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