Technical sheet :

## **TMM 20 4W ST5**

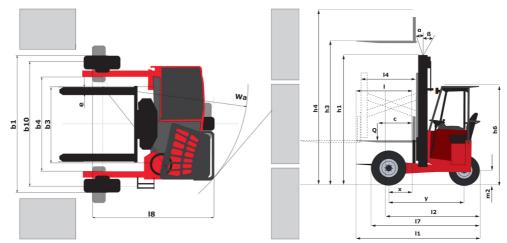




		TMM 20 4W S
	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.2.1	Reach out equipment	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	c
1.8	Load distance, centre of drive axle to fork	x
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
2.2	Weight on front 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	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
4.25	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	
	<b>3</b>	

WST5	Created on May 1, 2024 at 5:53:13 PM UTC		
	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		
	Pneumatic		
	27X10-12 IC30		
	27X10-12 IC30		
	2 / 1		
	2 / 1		
10	2095 mm		
16	2080 mm		
7	1030 mm		
1	2598 mm		
1	2315 mm		
e / I	40 mm x 122 mm x 1200 mm		
	2A		
3	1260 m		
94	1165 mm		
4	1492 mm		
4	1000 mm		
12	231 mm		
st	3363 mm		
la	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		
	Kubata Stara V		
	Kubota - Stage V 18.50 kW		
	3000 rpm		
	3 - 1123 cm³		
	Cabla		
	Cable		
	190 bar		
	43 l/min 84 dB		
	84 QB		

## 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
		Pantograph & TF reach out with stabilizers	kg	1100	1100
NGS NGS		Pantograph & TF reach out without stabilizers	kg	550	550



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