Technical sheet :

TMM 20 4W ST5



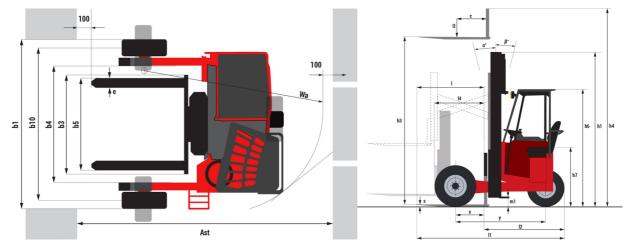


TMM 20 4W ST5 Created on September 15, 2025 at 2:58 PM UTC

		20 411 511
	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	
	Standard mast reference of the machine	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
2.0	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
3.0	Dimensions	510
4.4	Max. lifting height	h3
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	37071
4.24	Fork carriage width	b3
4.26	Distance between support arms	b5
4.26	Distance between wheel arms/loading surfaces	b3
4.28	Maximum outreach	54
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast
4.35	Tuming radius	Wa
4.00	Performances	in a
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.7	Gradeability (laden / unladen)	
5.9	Acceleration time (laden / unladen)	
5.10	Service brake	
5.10		
	Transmission type Engine	
71		
7.1	Engine brand / norm / model I.C. Engine power rating / Power	
7.2		
7.3	Rated speed	
7.4	Number of cylinders / Capacity of cylinders	
0.1	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	

T5	Created on September 15, 2025 at 2:58 PM UTC							
	Metric							
	MANITOU TMM 20 4W ST5 Pantograph							
	Diesel							
	Seated							
	2000 kg							
	500 mm							
	500 mm							
	1598 mm							
	FVD 30							
	2450 kg							
	3180 kg / 1270 kg							
	1180 kg / 1270 kg							
	Pneumatic							
	27X10-12 IC30							
	27X10-12 IC30							
	2/1							
	2 / 1							
)	2143 mm							
	4000							
	4200 mm							
	2120 mm 1070 mm							
	2638 mm							
	2398 mm							
/1	40 mm x 122 mm x 1200 mm							
<i>,</i> .	2A							
	1260 m							
	1165 mm							
	1492 mm							
	1000 mm							
t	3363 mm							
1	2463 mm							
	9.40 km/h - 9.50 km/h							
	0.26 m/s / 0.24 m/s							
	0.38 m/s / 0.24 m/s							
	47 % / 48 %							
	4.10 s / 2.60 s							
	Hydraulic brakes by loss of pressure							
	Hydrostatic							
	Kubota - Stage V / D1105-E4B-MNT-2							
	18.50 kW / 18.50 kW							
	3000 rpm 3 - 1123 cm³							
	5 - 1123 CIII*							
	Cable							
	190 bar							
	43 l/min							
	84 dB							
	0.05							

TMM 20 4W ST5 - Dimensional drawing



Characteristics of masts and residual capacities

		Full Visibility Duplex (FVD)		FVD 30	FVD 36	FVD 42
		h1 - Mast lowered height	mm	2352	2702	3090
		h3 - Mast lifting height	mm	3000	3600	4200
		h4 - Mast extended height	mm	4455	5055	5695
Residual Capacity (Maximum Height & LC = 600 mm)	Simple Reach	Pantograph reach in	kg	2000	2000	2500
		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	
		Pantograph & TF reach out without stabilizers	kg	550	550	



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