Technical sheet :

TMM 20 4W ST5



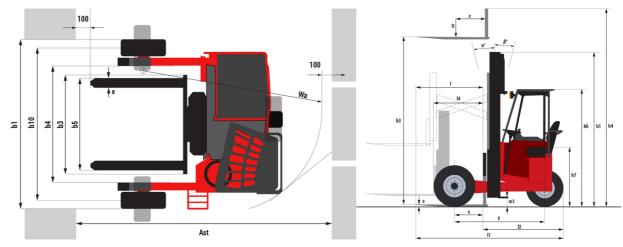


тмм 20 4w sть Created on September 15, 2025 at 12:59 PM UTC

-		204113
	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	
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	
	Dimensions	
4.4	Max. lifting height	
4.7	Height of overhead guard (cabin)	
4.8	Seat height/stand height	
4.19	Overall length	
4.21	Overall width	
4.22	Forks section / width / length	S,
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	
4.26	Distance between support arms	
4.26	Distance between wheel arms/loading surfaces	
4.28	Maximum outreach	
4.34	Aisle width for 800 x 1200 pallet lengthways	
4.35	Tuming radius	
	Performances	
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	
	Transmission type	
74	Engine	
7.1	Engine brand / norm / model	
7.2	I.C. Engine power rating / Power	
7.3	Rated speed	
7.4	Number of cylinders / Capacity of cylinders	
0 1	Miscellaneous	
8.1	Type of drive control	
8.2 8.3	Working hydraulic pressure for attachments Oil flow rate for attachments	
8.3	Sound level at the driver's ear according to DIN 12 053	
0.4		

ST5	Created on September 15, 2025 at 12:59 PM UTC						
	Metric						
	MANITOU						
	TMM 20 4W ST5						
	Pantograph						
	Diesel						
	Seated						
Q	2000 kg						
С	500 mm						
х	500 mm						
у	1598 mm						
	FVD 30						
	2450 kg						
	3180 kg / 1270 kg						
	1180 kg / 1270 kg						
	Pneumatic						
	27X10-12 IC30						
	27X10-12 IC30						
	2/1						
L10	2/1						
b10	2143 mm						
h3	4200 mm						
h6	2120 mm						
h7	1070 mm						
11	2638 mm						
b1	2398 mm						
s/e/l	40 mm x 122 mm x 1200 mm						
	2A						
b3	1260 m						
b5	1165 mm						
b4	1492 mm						
	1000 mm						
Ast	3363 mm						
Wa	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						
	Hydrostate						
	Kubota - Stage V / D1105-E4B-MNT-2						
	18.50 kW / 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	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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