Technical sheet :

TMM 20 4W ST5



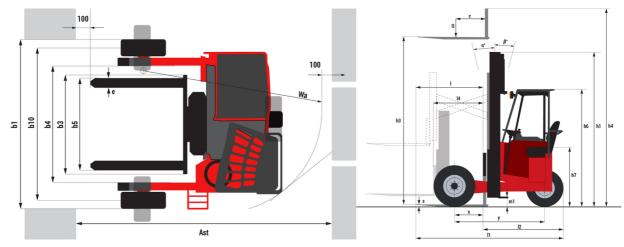


MM 20 4W ST 5	Created on June	17, 2	2025 at	2:16 AM	UTC
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		ТМ
	Technical characteristics	
.1	Manufacturer	
.2	Model Name	
2.1	Reach out equipment	
.3	Power source	
.4	Operator type	
.5	Max. capacity	
.6	Load center of gravity	
.8	Load distance, centre of drive axle to fork	
.9	Wheelbase	
	Weight	
	Standard mast reference of the machine	
.1	Service weight	
.2	Weight on front axle (laden) / rear axle (laden)	
.3	Weight on front axle (Unladen) / rear axle (Unladen)	
	Wheels	
.1	Tires type	
.2	Dimensions of front wheels	
.3	Dimensions of rear wheels	
.5	Number of front wheels / rear wheels	
5.2	Drive wheels (front / rear)	
.6	Front wheel gauge	
	Dimensions	
.4	Max. lifting height	
.7	Height of overhead guard (cabin)	
.8	Seat height/stand height	
19	Overall length	
21	Overall width	
22	Forks section / width / length	
23	Fork carriage ISO 2328 (class/form) A/B	
24	Fork carriage width	
26	Distance between support arms	
26	Distance between wheel arms/loading surfaces	
28	Maximum outreach	
34	Aisle width for 800 x 1200 pallet lengthways	
35	Tuming radius	
1	Performances	
.1 .2	Travel speed (laden / unladen)	
	Lifting speed (laden / unladen)	
.3 .7	Lowering speed (laden / unladen)	
.9	Gradeability (laden / unladen)	
	Acceleration time (laden / unladen)	
10	Service brake	
	Transmission type	
1	Engine Engine brand / norm / model	
.1 .2	-	
.2 .3	I.C. Engine power rating / Power	
	Rated speed	
.4	Number of cylinders / Capacity of cylinders Miscellaneous	
1		
.1	Type of drive control	
.2 .3	Working hydraulic pressure for attachments	
	Oil flow rate for attachments	

20 4W ST 5	Created on June 17, 2025 at 2:16 AM UTC				
	Metric				
	MANITOU				
	TMM 20 4W ST5				
	Pantograph				
	Diesel				
	Seated				
Q	2000 kg				
c	500 mm				
x	500 mm				
	1598 mm				
у	1350 1111				
	FVD 30				
	2450 kg				
	3180 kg / 1270 kg				
	1180 kg / 1270 kg				
	Pneumatic				
	27X10-12 IC30				
	27X10-12 IC30				
	2 / 1				
	2 / 1				
b10	2143 mm				
h3	4200 mm				
h6	2120 mm				
h7	1070 mm				
1	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				
	Hydiostatic				
	Kubata Ctaga V / D1105 F4D MNT2				
	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)	Pantograph reach out without without a second control of the secon	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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