Technical sheet :

TMM 20 4W ST5



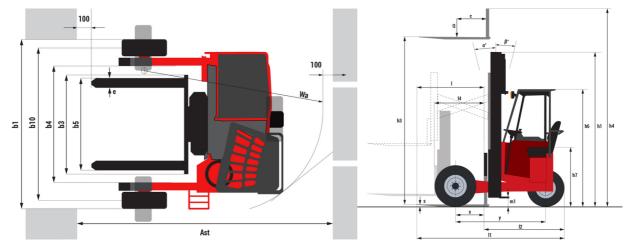


TMM 204W ST5 Created on September 18, 2025 at 2:13 AM UTC

	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	y
	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)	
2.5	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	b1
3.0	Dimensions	U
4.4	Max. lifting height	h
4.4	Height of overhead guard (cabin)	h
		h
4.8 4.19	Seat height/stand height	n l
	Overall length	b
4.21 4.22	Overall width	s/
4.22	Forks section / width / length	S /
4.23	Fork carriage ISO 2328 (class/form) A/B	b
4.24	Fork carriage width	b
4.26	Distance between support arms	b
4.28	Distance between wheel arms/loading surfaces	
	Maximum outreach	
4.34 4.35	Aisle width for 800 x 1200 pallet lengthways	A
4.35	Tuming radius	W
5.1	Performances	
5.1	Travel speed (laden / unladen)	
5.3	Lifting speed (laden / unladen)	
	Lowering speed (laden / unladen)	
5.7	Gradeability (laden / unladen)	
5.9	Acceleration time (laden / unladen)	
5.10	Service brake	
	Transmission type	
	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	
	Miscellaneous	
8.1	Type of drive control	
8.2	Working hydraulic pressure for attachments	
8.3	Oil flow rate for attachments	

ST5	Created on September 18, 2025 at 2:13 AM 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							
b10	2 / 1 2143 mm							
010	2143 11111							
h3	4200 mm							
h6	2120 mm							
h7	1070 mm							
11	2638 mm							
b1	2398 mm							
:/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 %							
	47 % 7 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							
	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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