Technical sheet :

## **TMM 20 4W ST5**



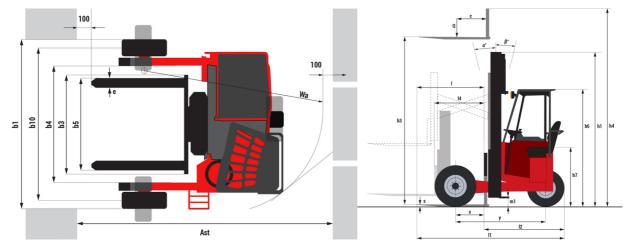


## TMM 204W ST5 Created on September 16, 2025 at 12:00 AM UTC

	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 y
1.9		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)	
0.1	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	
4.4	Max. lifting height	h3
4.7	Height of overhead guard (cabin)	h6
4.8	Seat height/stand height	h7
4.19	Overall length	1
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
4.26	Distance between support arms	b5
4.26	Distance between wheel arms/loading surfaces	b4
4.28	Maximum outreach	
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)	
5.3	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	
8.4	Sound level at the driver's ear according to DIN 12 053	

5	Created	I on September 16, 2025 at 12:00 AM 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
0		2 / 1 2142 mm
U		2143 mm
2		4200 mm
		2120 mm
,		1070 mm
		2638 mm
		2398 mm
/1		40 mm x 122 mm x 1200 mm
		2A
:		1260 m
i		1165 mm
Ļ		1492 mm
		1000 mm
t		3363 mm
a		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
		Cable
		190 bar
		43 l/min
		84 dB
		5.35

## 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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