Technical sheet :

## **TMM 20 4W ST5**



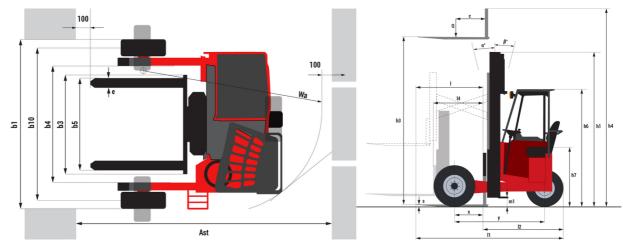


MM 20 4W ST 5	Created on	June 17,	2025 at	10:31	AM UTC
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	Technical characteristics	
	Manufacturer	
	Model Name	
	Reach out equipment	
	Power source	
	Operator type	
	Max. capacity	
	Load center of gravity	
	Load distance, centre of drive axle to fork	
	Wheelbase	
	Weight	
	Standard mast reference of the machine	
	Service weight	
	Weight on front axle (laden) / rear axle (laden)	
_	Weight on front axle (Unladen) / rear axle (Unladen)	
	Wheels	
	Tires type	
	Dimensions of front wheels	
	Dimensions of rear wheels	
	Number of front wheels / rear wheels	
	Drive wheels (front / rear)	
_	Front wheel gauge	
	Dimensions	
	Max. lifting height	
	Height of overhead guard (cabin)	
	Seat height/stand height	
	Overall length	
	Overall width	
	Forks section / width / length	
	Fork carriage ISO 2328 (class/form) A/B	
	Fork carriage width	
	Distance between support arms	
	Distance between wheel arms/loading surfaces	
	Maximum outreach	
	Aisle width for 800 x 1200 pallet lengthways	
	Turning radius	
	Performances	
	Travel speed (laden / unladen)	
	Lifting speed (laden / unladen)	
	Lowering speed (laden / unladen)	
	Gradeability (laden / unladen)	
	Acceleration time (laden / unladen)	
	Service brake	
	Transmission type	
	Engine	
	Engine brand / norm / model	
	I.C. Engine power rating / Power	
	Rated speed	
	Number of cylinders / Capacity of cylinders	
	Miscellaneous	
	Type of drive control	
	Working hydraulic pressure for attachments	
	Oil flow rate for attachments	

WST5	Created on June 17, 2025 at 10:31 AM UTC
	Metric
	MANITOU
	TMM 20 4W ST5
	Pantograph
	Diesel
	Seated
Q	2000 kg
c	500 mm
x	500 mm
	1598 mm
у	1390 1111
	FVD 30
	2450 kg
	3180 kg / 1270 kg
	1180 kg / 1270 kg
	Pneumatic
	27X10-12 IC30
	27X10-12 IC30
	2 / 1
	2 / 1
10	2143 mm
13	4200 mm
16	2120 mm
17	1070 mm
 11	2638 mm
51	2398 mm
e/l	40 mm x 122 mm x 1200 mm
e / 1	2A
-0	
03	1260 m
5	1165 mm
54	1492 mm
	1000 mm
st	3363 mm
Va	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 cm <sup>3</sup>
	Cable
	190 bar
	43 l/min
	84 dB
	04 UD

## 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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