Technical sheet :

## **TMM 20 4W ST5**

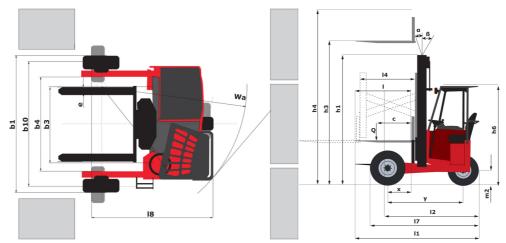




	Technical characteristics			
1.1	Manufacturer			
1.2	Model Name			
1.2.1	Reach out equipment			
1.3	Power source			
1.4	Operator type			
1.5	Max. capacity	Q		
1.6	Load center of gravity	c		
1.8	Load distance, centre of drive axle to fork	x		
1.9	Wheelbase	у		
1.9	Weight	,		
2.1	Service weight			
2.2	Weight on front axle (laden) / rear axle (laden)			
2.2	Weight on front axie (Inladen) / rear axie (Iuladen)			
2.3	Wheels			
3.1	Tires type			
3.1	Dimensions of front wheels			
3.2	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		
	Dimensions			
4.7	Height of overhead guard (cabin)	ht		
4.8	Seat height/stand height	hī		
4.19	Overall length	1		
4.21	Overall width	b1		
4.22	Forks section / width / length	s / e		
4.23	Fork carriage ISO 2328 (class/form) A/B	_		
4.24	Fork carriage width	bä		
4.25	Distance between support arms	b4		
4.26	Distance between wheel arms/loading surfaces	b4		
4.28	Maximum horizontal extension at COG 600	14		
4.32	Ground clearance at centre of wheelbase	m:		
4.34	Aisle width for 800 x 1200 pallet lengthways	As		
4.35	Turning radius	Wa		
	Performances			
5.1	Travel speed (laden / unladen)			
5.2	Lifting speed (laden / unladen)			
5.5	Nominal pulling force (laden)			
5.3	Lowering speed (laden / unladen)			
5.7	Gradeability (laden / unladen)			
5.10	Service brake			
5.9	Acceleration time (laden / unladen)			
5.11	Transmission type			
	Engine			
7.1	Engine brand / norm			
7.2	Engine power according to ISO 1585			
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			

	Metric
	MANITOU
	TMM 20 4W ST5
	Pantograph
	Diesel
	Seated
	2000 kg
	500 mm
	500 mm
	1598 mm
	2450 kg
	3180 kg / 1270 kg
	1180 kg / 1270 kg
	Pneumatic
	27X10-12 IC30
	27X10-12 IC30
	2 / 1
	2 / 1
0	2095 mm
i	2080 mm
'	1030 mm
	2598 mm
	2315 mm
/1	40 mm x 122 mm x 1200 mm
	2A
1	1260 m
Ļ	1165 mm
Ļ	1492 mm
	1000 mm
2	231 mm
t	3363 mm
9	2463 mm
	9.40 km/h - 9.50 km/h
	0.26 m/s / 0.24 m/s
	2450
	0.38 m/s / 0.24 m/s
	47 % / 48 %
	Hydraulic brakes by loss of pressure
	4.10 s / 2.60 s
	Hydrostatic
	Kubota - Stage V
	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
		h1 - Mast lowered height	mm	2352	2702
		h3 - Mast lifting height	mm	3000	3600
		h4 - Mast extended height	mm	4455	5055
Residual Capacity (Maximum Height & LC = 600 mm)	Simple Reach	Pantograph reach in	kg	2000	2000
		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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