Technical sheet :

## **TMM 20 4W ST5**

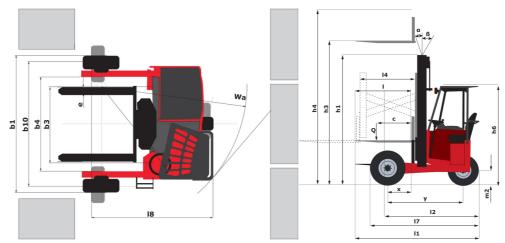




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.2.1	Reach out equipment	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	С
1.8	Load distance, centre of drive axle to fork	x
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
	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
0.0	Dimensions	510
4.7	Height of overhead guard (cabin)	h6
4.8	Seat height/stand height	h7
4.19	Overall length	1
4.13	Overall width	b1
4.21	Forks section / width / length	s/e/
4.22	Fork carriage ISO 2328 (class/form) A/B	3/6/
4.23	Fork carriage width	b3
4.24	Distance between support arms	b3
4.25	Distance between support and Distance between wheel arms/loading surfaces	b4
4.20	Maximum horizontal extension at COG 600	14
4.20	Ground clearance at centre of wheelbase	m2
4.32	Aisle width for 800 x 1200 pallet lengthways	Ast
4.34		Wa
4.55	Tuming radius Performances	Wd
5.1		
5.1	Travel speed (laden / unladen)	
5.5	Lifting speed (laden / unladen)	
5.3	Nominal pulling force (laden)	
	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	

NST5	Created on April 27, 2024 at 8:31:37 AM UTC					
	Metric					
	MANITOU					
	TMM 20 4W ST5					
	Pantograph					
	Diesel					
	Seated					
Q	2000 kg					
с	500 mm					
x	500 mm					
у	1598 mm					
,						
	2450 kg					
	3180 kg / 1270 kg					
	1180 kg / 1270 kg					
	····· ··· ···· ·······················					
	Pneumatic					
	27X10-12 IC30					
	27X10-12 IC30					
	2 / 1					
	2 / 1					
010	2095 mm					
h6	2080 mm					
h7	1030 mm					
11	2598 mm					
b1	2315 mm					
e/l	40 mm x 122 mm x 1200 mm					
	2A					
b3	1260 m					
b4	1165 mm					
b4	1492 mm					
14	1000 mm					
m2	231 mm					
Ast	3363 mm					
Wa	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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