Technical sheet :

## **TMM 20 ST5**



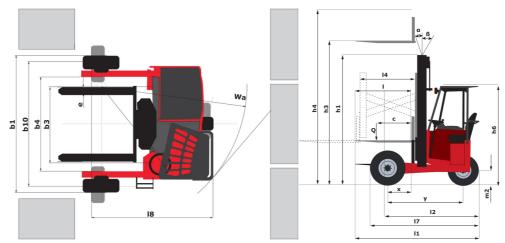


	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.2.1	Reach out equipment	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	
1.6	Load center of gravity	
1.8	Load distance, centre of drive axle to fork	
1.9	Wheelbase	
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
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)	
		h
3.6	Front wheel gauge	b
4.7	Dimensions	
4.7	Height of overhead guard (cabin)	h
4.8	Seat height/stand height	h .
4.19	Overall length	1
4.21	Overall width	t í
4.22	Forks section / width / length	s /
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	b
4.25	Distance between support arms	t.
4.26	Distance between wheel arms/loading surfaces	b
4.28	Maximum horizontal extension at COG 600	1
4.32	Ground clearance at centre of wheelbase	n
4.34	Aisle width for 800 x 1200 pallet lengthways	A
4.35	Turning radius	v
	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	

TMM 20 ST 5	Created on 07 May 2024 at 14:18:52 UTC			
	Metric			
	MANITOU			
	TMM 20 ST5			
	Pantograph			
	Diesel			
	Seated			
Q	2000 kg			
С	500 mm			
x	490 mm			
у	1598 mm			
	2290 kg			
	3050 kg / 1240 kg			
	1050 kg / 1240 kg			
	Pneumatic			
	27x10-12 IC30			
	27x10-12 IC30			
	2 / 1			
	2 / 1			
b10	2151 mm			
h6	2120 mm			
h7  1	1070 mm 2650 mm			
b1	2000 mm			
s/e/l	40 mm x 122 mm x 1200 mm			
3/0/1	2A			
b3	1260 mm			
b4	1165 mm			
b4	1600 mm			
14	1000 mm			
m2	272 mm			
Ast	3363 mm			
Wa	2463 mm			
	9.40 km/h - 9.50 km/h			
	0.26 m/s / 0.24 m/s			
	2200			
	0.38 m/s / 0.24 m/s			
	56 % / 51 %			
	Hydraulic brakes by loss of pressure			
	4.10 s / 2.60 s			
	Hydrostatic			
	Kubota - Storro V			
	Kubota - Stage V 18.50 kW			
	3000 rpm			
	3 - 1123 cm <sup>3</sup>			
	Cable			
	190 bar			
	43 l/min			

84 dB

## TMM 20 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	1050	1050
		Telescopic forks reach in	kg	2000	2000
		Telescopic Forks reach out with stabilizers	kg	1300	1300
		Telescopic Forks reach out without stabilizers	kg	1100	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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