Technical sheet :

TMM 20 ST5



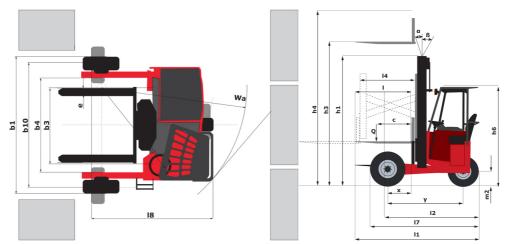


	Technical characteristics
1.1	lechnical characteristics Manufacturer
1.1	Manufacturer Model Name
1.2.1	
1.3	Reach out equipment Power source
1.4	Operator type
1.4	Max. capacity
1.6	Load center of gravity
1.8 1.9	Load distance, centre of drive axle to fork Wheelbase
1.9	
0.1	Weight Control of the second
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
	Dimensions
4.7	Height of overhead guard (cabin)
4.8	Seat height/stand height
4.19	Overall length
4.21	Overall width
4.22	Forks section / width / length
4.23	Fork carriage ISO 2328 (class/form) A/B
4.24	Fork carriage width
4.25	Distance between support arms
4.26	Distance between wheel arms/loading surfaces
4.28	Maximum horizontal extension at COG 600
1.32	Ground clearance at centre of wheelbase
4.34	Aisle width for 800 x 1200 pallet lengthways
1.35	Turning radius
	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

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Metric MANITOU TMM 20 ST5 Pantograph Diesel Seated Q 2000 kg c 500 mm x 490 mm y 1598 mm 2290 kg 2290 kg 3050 kg / 1240 kg 2290 kg 3050 kg / 1240 kg 2290 kg 275x10-12 IC30 27x10-12 IC30 2/1 2/1 b10 2151 mm 6 2120 mm h6 2120 mm h7 1070 mm 11 2650 mm 12406 mm 2406 mm /e /1 40 mm x 122 mm x 1200 mm
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b1 2406 mm / e / l 40 mm x 122 mm x 1200 mm 2A
/ e / l 40 mm x 122 mm x 1200 mm 2A
2A
1200 11111
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 - Stage V
18.50 kW
3000 rpm
3 - 1123 cm³
Cable
Cable
190 bar

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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