Technical sheet :

TMM 20 ST5





	TMM 20 ST5 Cr	eated on May 2, 2024 at 6:11:41 PM UT		
Technical characteristics		Metric		
Manufacturer		MANITOU		
Model Name		TMM 20 ST5		
Reach out equipment		Pantograph		
Power source		Diesel		
Operator type		Seated		
Max. capacity	Q	2000 kg		
Load center of gravity	С	500 mm		
Load distance, centre of drive axle to fork	x	490 mm		
Wheelbase	У	1598 mm		
Weight				
Service weight		2290 kg		
Weight on front axle (laden) / rear axle (laden)		3050 kg / 1240 kg		
Weight on front axle (Unladen) / rear axle (Unladen)		1050 kg / 1240 kg		
Wheels				
Tires type		Pneumatic		
Dimensions of front wheels		27x10-12 IC30		
Dimensions of rear wheels		27x10-12 IC30		
Number of front wheels / rear wheels		2 / 1		
Drive wheels (front / rear)		2 / 1		
Front wheel gauge	b10	2151 mm		
Dimensions				
Height of overhead guard (cabin)	h6	2120 mm		
Seat height/stand height	h7	1070 mm		
Overall length	11	2650 mm		
Overall width	b1	2406 mm		
Forks section / width / length	s / e / l	40 mm x 122 mm x 1200 mm		
Fork carriage ISO 2328 (class/form) A/B		2A		
Fork carriage width	b3	1260 mm		

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b10	2151 mm
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h7	1070 mm
1	2650 mm
b1	2406 mm
/e/l	40 mm x 122 mm x 1200 mm
	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 - Stage V
	18.50 kW
	3000 rpm
	3 - 1123 cm ³
	Cable
	190 bar
	. 50 bui

43 l/min

84 dB

TMM 20 ST5 - Dimensional drawing

Turning radius

Performances

Service brake

Rated speed

Miscellaneous

Type of drive control

Oil flow rate for attachments

Transmission type Engine

Engine brand / norm

Distance between support arms

Travel speed (laden / unladen)

Lifting speed (laden / unladen) Nominal pulling force (laden)

Lowering speed (laden / unladen)

Acceleration time (laden / unladen)

Engine power according to ISO 1585

Number of cylinders / Capacity of cylinders

Working hydraulic pressure for attachments

Sound level at the driver's ear according to DIN 12 053

Gradeability (laden / unladen)

Distance between wheel arms/loading surfaces

Maximum horizontal extension at COG 600

Aisle width for 800 x 1200 pallet lengthways

Ground clearance at centre of wheelbase

1.1

1.2 1.2.1

1.3

1.4

1.5

1.6 1.8

1.9

2.1

2.2

2.3

3.1

3.2

3.3

3.5

3.5.2

3.6

4.7

4.8

4.19 4.21

4.22 4.23

4.24

4.25

4.26

4.28

4.32

4.34

4.35

5.1

5.2

5.5 5.3

5.7

5.10

5.9 5.11

7.1

7.2

7.3

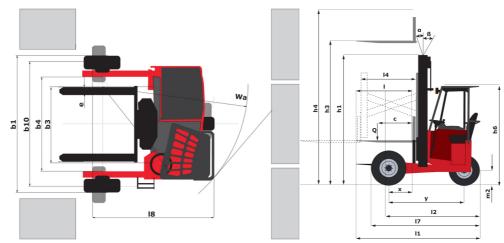
7.4

82

8.3

8.4

8.1



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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