Technical sheet :

## **TMM 20 ST5**





	Т ММ 20
Technical characteristics	
Manufacturer	
Model Name	
Reach out equipment	
Power source	
Operator type	
Max. capacity	Q
Load center of gravity	С
Load distance, centre of drive axle to fork	x
Wheelbase	у
Weight	
Service weight	
Weight on front axle (laden) / rear axle (laden)	
Weight on front axle (Unladen) / rear axle (Unladen)	
Wheels	
Tires type	
Dimensions of front wheels	
Dimensions of rear wheels	
Number of front wheels / rear wheels	
Drive wheels (front / rear)	
Front wheel gauge	b10
Dimensions	
Height of overhead guard (cabin)	h6
Seat height/stand height	h7
Overall length	1
Overall width	b1
Forks section / width / length	s / e /
Fork carriage ISO 2328 (class/form) A/B	
Fork carriage width	b3
Distance between support arms	b4
Distance between wheel arms/loading surfaces	b4
Maximum horizontal extension at COG 600	14
Ground clearance at centre of wheelbase	m2
Aisle width for 800 x 1200 pallet lengthways	Ast
Turning radius	Wa
Performances	
Travel speed (laden / unladen)	
Lifting speed (laden / unladen)	
Nominal pulling force (laden)	
Lowering speed (laden / unladen)	
Gradeability (laden / unladen)	
Service brake	
Acceleration time (laden / unladen)	
Transmission type	

20 ST 5	Created on May 5, 2024 at 1:56:30 AM UTC
	Metric
	MANITOU
	TMM 20 ST5
	Pantograph
	Diesel
	Seated
Q	2000 kg
С	500 mm
х	490 mm
у	1598 mm
	2290 kg
	3050 kg / 1240 kg
	1050 kg / 1240 kg
	Pneumatic
	27x10-12 IC30
	27x10-12 IC30
	2/1
L10	2 / 1
b10	2151 mm
h6	2120 mm
h7	1070 mm
11	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 <sup>3</sup>
	5 - 1125 GIII-
	Cable
	190 bar
	43 l/min
	84 dB

## TMM 20 ST5 - Dimensional drawing

Engine

Engine brand / norm

Rated speed

Miscellaneous

Type of drive control

Oil flow rate for attachments

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

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

7.4

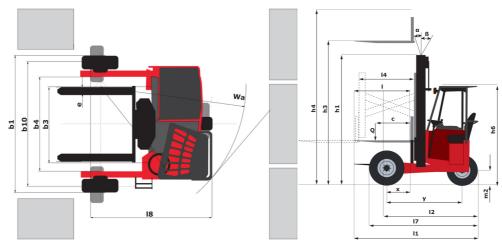
8.1

8.2

8.3

8.4

7.3



## 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)	Pa Pa Te S Te S Te Te	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
204		Pantograph & TF reach out without stabilizers	kg	550	550



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