Technical sheet :

## TMM 20 ST5

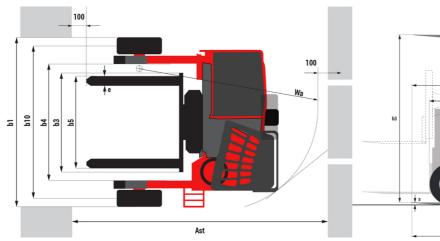


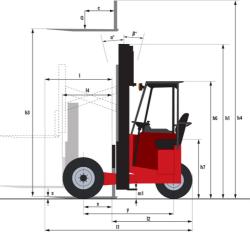


	TMM 20 ST
Technical characteristics	
Manufacturer	
Model Name	
Reach out equipment	
Power source	
Operator type	
Max. capacity	Q
	С
Load distance, centre of drive axle to fork	x
Wheelbase	у
Weight	
Standard mast reference of the machine	
Service weight	
Weight on front axle (laden) / rear axle (laden)	
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	
Max. lifting height	h3
Height of overhead guard (cabin)	h6
Seat height/stand height	h7
Overall length	1
Overall width	b1
Forks section / width / length	s / e / l
Fork carriage ISO 2328 (class/form) A/B	
Fork carriage width	b3
Distance between support arms	b5
Distance between wheel arms/loading surfaces	b4
Maximum outreach	
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)	
Lowering speed (laden / unladen)	
Gradeability (laden / unladen)	
Acceleration time (laden / unladen)	
Service brake	
Transmission type	
Engine	
Engine brand / norm / model	
I.C. Engine power rating	
Rated speed	
Number of cylinders / Capacity of cylinders	
Miscellaneous	
Type of drive control	
Working hydraulic pressure for attachments	
Oil flow rate for attachments	
Sound level at the driver's ear according to DIN 12 053	
	Manufacturer   Model Name   Reach out equipment   Power source   Operator type   Max. capacity   Load denet of gravity   Load denet of gravity   Load denet of gravity   Standard mast reference of the machine   Service weight   Weight on front axie (Unladen) / rear axie (Unladen)   Weight on front axie (Unladen) / rear axie (Unladen)   Weight on front axie (Unladen) / rear axie (Unladen)   Weight on front axie (Unladen) / rear axie (Unladen)   Weight on front axie (Unladen) / rear axie (Unladen)   Weight on front axie (Unladen) / rear axie (Unladen)   Weight on front wheels   Dimensions of front wheels   Dimensions of front wheels   Dimensions of front wheels   Dimensions   Front wheel (front / rea)   Front wheel gauge   Dimensions   Dirke wheel (front / rea)   Fork camage Wdth   Overall length   Overall width   Fork camage ISO 2328 (class/form) A/B   Fork camage Wdth   Distance between wheel arms/loading surfaces   Maxinifing undue pone   Liftin

Т5	Created on September 13, 2025 at 9:06 PM UTC								
	Metric								
	MANITOU								
	TMM 20 ST5								
	Pantograph								
	Diesel								
	Seated								
	2000 kg								
	500 mm								
	490 mm								
	1598 mm								
	FVD 30								
	2290 kg								
	3050 kg / 1240 kg								
	1050 kg / 1240 kg								
	Pneumatic								
	27x10-12 IC30								
	27x10-12 IC30								
	2 / 1								
	2 / 1								
0	2151 mm								
3	4200 mm								
5	2120 mm								
7	1070 mm								
	2650 mm								
1	2406 mm								
e / I	40 mm x 122 mm x 1200 mm								
	2A								
3	1260 mm								
5	1165 mm								
4	1600 mm 1000 mm								
2	272 mm								
z	3363 mm								
a	2463 mm								
u	2400 mm								
	9.40 km/h - 9.50 km/h								
	0.26 m/s / 0.24 m/s								
	0.38 m/s / 0.24 m/s								
	56 % / 51 %								
	4.10 s / 2.60 s								
	Hydraulic brakes by loss of pressure								
	Hydrostatic								
	Kubota - Stage V / D1105-E4B-MNT-2								
	18.50 kW								
	3000 rpm 3 - 1123 cm³								
	5 1125 till								
	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	FVD 42
		h1 - Mast lowered height	mm	2352	2702	3090
		h3 - Mast lifting height	mm	3000	3600	4200
		h4 - Mast extended height	mm	4455	5055	5695
Residual Capacity (Maximum Height & LC = 600 mm)	Simple Reach	Pantograph reach in	kg	2000	2000	2500
		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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