Technical sheet :

TMM 20 ST5

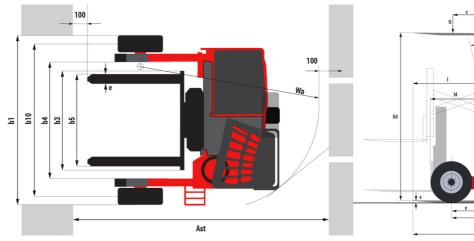


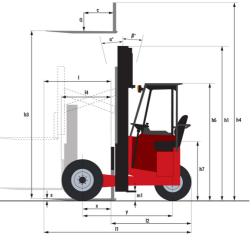


	Technical characteristics
1	Manufacturer
2	Model Name
I	Reach out equipment
	Power source
1	Operator type
5	Max. capacity
	Load center of gravity
	Load distance, centre of drive axle to fork
)	Wheelbase
	Weight
	Standard mast reference of the machine
	Service weight
	Weight on front axle (laden) / rear 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
	Dimensions
	Max. lifting height
	Height of overhead guard (cabin)
	Seat height/stand height
	Overall length
	Overall width
	Forks section / width / length
	Fork carriage ISO 2328 (class/form) A/B
	Fork carriage width
	Distance between support arms Distance between wheel arms/loading surfaces
	Maximum horizontal extension at COG 600
	Ground clearance at centre of wheelbase
	Aisle width for 800 x 1200 pallet lengthways
	Turning radius 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

TMM 20 ST5	Created on April 19, 2025 at 2:53 PM UTC				
	Metric				
	MANITOU				
	TMM 20 ST5				
	Pantograph				
	Diesel				
	Seated				
Q	2000 kg				
С	500 mm				
x	490 mm				
у	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				
b10	2151 mm				
h3	4200 mm				
h6	2120 mm				
h7	1070 mm				
11	2650 mm				
b1	2406 mm				
s / e / l	40 mm x 122 mm x 1200 mm				
	2A				
b3	1260 mm				
b5 b4	1165 mm				
14	1600 mm 1000 mm				
m2	272 mm				
Ast	3363 mm				
Wa	2463 mm				
Wa	2403 1111				
	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				
	Cable				
	190 bar				
	43 I/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		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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