Technical sheet :

TMM 20 ST5

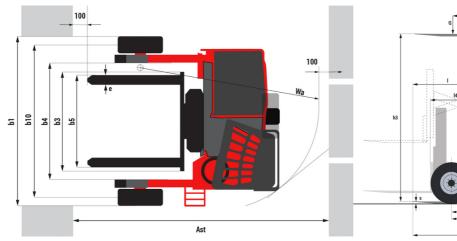


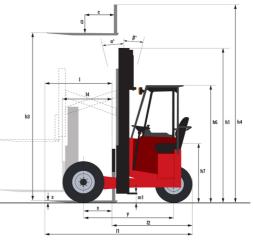


	Technical characteristics
1.1	Manufacturer
.2	Model Name
2.1	Reach out equipment
	Power source
	Operator type
i	Max. capacity
б	Load center of gravity
.8	Load distance, centre of drive axle to fork
9	Wheelbase
	Weight
	Standard mast reference of the machine
	Service weight
	Weight on front axle (laden) / rear axle (laden)
	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
1	Tires type
2	Dimensions of front wheels
3	Dimensions of rear wheels
.5	Number of front wheels / rear wheels
5.2	Drive wheels (front / rear)
.6	Front wheel gauge
	Dimensions
4	Max. lifting height
.7	Height of overhead guard (cabin)
В	Seat height/stand height
19	Overall length
.21	Overall width
22	Forks section / width / length
.23	Fork carriage ISO 2328 (class/form) A/B
.24	Fork carriage width
26	Distance between support arms
.26	Distance between wheel arms/loading surfaces
28	Maximum outreach
.20	Ground clearance at centre of wheelbase
.34	Aisle width for 800 x 1200 pallet lengthways
.35	Tuming radius
.55	Performances
5.1	Travel speed (laden / unladen)
.1	Lifting speed (laden / unladen)
.2	Lowering speed (laden / unladen)
	Gradeability (laden / unladen)
5.7 5.9	
9	Acceleration time (laden / unladen) Service brake
v	
	Transmission type
1	Engine
1	Engine brand / norm / model
2	I.C. Engine power rating
7.3	Rated speed
.4	Number of cylinders / Capacity of cylinders
	Miscellaneous
.1	Type of drive control
.2	Working hydraulic pressure for attachments
.3	Oil flow rate for attachments
.4	Sound level at the driver's ear according to DIN 12 053

TMM 20 ST5	Created on June 16, 2025 at 5:27 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				
10	2A				
b3	1260 mm 1165 mm				
b5 b4	1600 mm				
04	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		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	



Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes