Technical sheet:

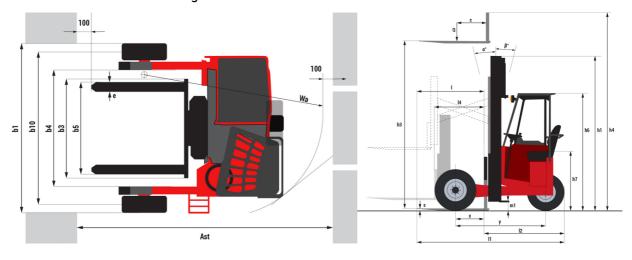
## **TMM 20 ST5**





		TMM 20 ST5 Created on August 13, 2025	7 at 0.00 Aivi
	Technical characteristics	Metric	
1.1	Manufacturer	MANITOU	
1.2	Model Name	TMM 20 STS	
.2.1	Reach out equipment	Pantograph	
1.3	Power source	Diesel	
1.4	Operator type	Seated	
1.5	Max. capacity	Q 2000 kg	
1.6	Load center of gravity	c 500 mm	
1.8	Load distance, centre of drive axle to fork	x 490 mm	
1.9	Wheelbase		
.9		y 1598 mm	
	Weight	FVD 30	
	Standard mast reference of the machine		
2.1	Service weight	2290 kg	0.1
2.2	Weight on front axle (laden) / rear axle (laden)	3050 kg / 1240	~
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	1050 kg / 1240	) kg
	Wheels		
3.1	Tires type	Pneumatic	
3.2	Dimensions of front wheels	27x10-12 IC3	
3.3	Dimensions of rear wheels	27x10-12 IC3	30
3.5	Number of front wheels / rear wheels	2/1	
.5.2	Drive wheels (front / rear)	2/1	
3.6	Front wheel gauge		
	Dimensions		
1.4	Max. lifting height	h3 4200 mm	
1.7	Height of overhead guard (cabin)	h6 2120 mm	
1.8	Seat height/stand height	h7 1070 mm	
.19	Overall length	I1 2650 mm	
.21	Overall width	b1 2406 mm	
.22	Forks section / width / length	s / e / l 40 mm x 122 mm x	1200 mm
.23	Fork carriage ISO 2328 (class/form) A/B	2A	
.24	Fork carriage width	b3 1260 mm	
.26	Distance between support arms	b5 1165 mm	
.26	Distance between wheel arms/loading surfaces	b4 1600 mm	
.28	Maximum outreach	1000 mm	
.32	Ground clearance at centre of wheelbase	m2 272 mm	
.34	Aisle width for 800 x 1200 pallet lengthways	Ast 3363 mm	
.35	Turning radius	Wa 2463 mm	
.55	Performances	Wa 2403 IIIII	
5.1		9.40 km/h - 9.50	lem/h
	Travel speed (laden / unladen)		
i.2	Lifting speed (laden / unladen)	0.26 m/s / 0.24	
i.3	Lowering speed (laden / unladen)	0.38 m/s / 0.24	
i.7	Gradeability (laden / unladen)	56 % / 51 %	
i.9	Acceleration time (laden / unladen)	4.10 s / 2.60	
.10	Service brake	Hydraulic brakes by loss	
	Transmission type	Hydrostatic	
	Engine		
'.1	Engine brand / norm / model	Kubota - Stage V / D110	
.2	I.C. Engine power rating	18.50 kW	
'.3	Rated speed	3000 rpm	
7.4	Number of cylinders / Capacity of cylinders	3 - 1123 cm	J <sup>3</sup>
	Miscellaneous		
3.1	Type of drive control	Cable	
3.2	Working hydraulic pressure for attachments	190 bar	
3.3	Oil flow rate for attachments	43 I/min	
8.4	Sound level at the driver's ear according to DIN 12 053	84 dB	

## TMM 20 ST5 - Dimensional drawing



## Characteristics of masts and residual capacities

		Full Visibility Duplex (FVD)	
		h1 - Mast lowered height	mm
		h3 - Mast lifting height	mm
		h4 - Mast extended height	mm
nt &	Simple Reach	Pantograph reach in	kg
leigl		Pantograph reach out with stabilizers	kg
Ē		Pantograph reach out without stabilizers	kg
Ē.		Telescopic forks reach in	kg
Ма) п		Telescopic Forks reach out with stabilizers	kg
Residual Capacity (Maximum Height & LC = 600 mm)		Telescopic Forks reach out without stabilizers	kg
- Ca	ω_	Pantograph & TF reach in	kg
idua	Double Reach	Pantograph & TF reach out with stabilizers	kg
Res	Q %	Pantograph & TF reach out without stabilizers	kg

EVE 00	END OC	FI/D 40
FVD 30	FVD 36	FVD 42
2352	2702	3090
3000	3600	4200
4455	5055	5695
2000	2000	2500
1750	1750	
1050	1050	
2000	2000	
1300	1300	
1100	1100	
2000	2000	
1100	1100	
550	550	





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