Technical sheet:

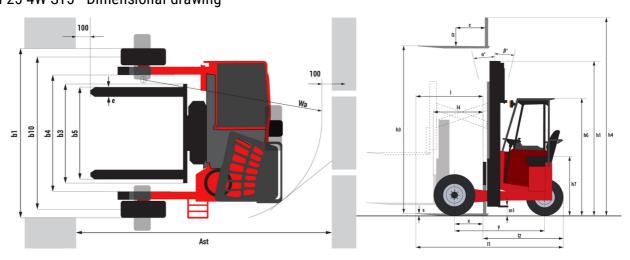
TMM 25 4W ST5





			created on August 2, 2025 at 2:38 Air
	Technical characteristics		Metric
1.1	Manufacturer		MANITOU
1.2	Model Name		TMM 25 4W ST5
.2.1	Reach out equipment		Pantograph
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	2500 kg
1.6	Load center of gravity	c	500 mm
1.8	Load distance, centre of drive axle to fork	X	500 mm
1.9	Wheelbase	у	1598 mm
	Weight		
	Standard mast reference of the machine		FVD 30
2.1	Service weight		2500 kg
2.2	Weight on front axle (laden) / rear axle (laden)		3715 kg / 1285 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		1215 kg / 1285 kg
	Wheels		
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		27X10-12 IC30
3.3	Dimensions of rear wheels		27X10 12 1030
3.5	Number of front wheels / rear wheels		2/1
3.5.2	Drive wheels (front / rear)		2/1
3.6	Front wheel gauge	b10	2143 mm
0.0	Dimensions	510	2140 11111
4.4	Max. lifting height	h3	4200 mm
4.7	Height of overhead guard (cabin)	h6	2120 mm
4.8	Seat height/stand height	h7	1070 mm
4.19	Overall length	I1	2638 mm
4.21	Overall width	b1	2398 mm
4.22	Forks section / width / length	s / e / l	40 mm x 122 mm x 1200 mm
4.23	·	57 671	2A
4.24	Fork carriage ISO 2328 (class/form) A/B	h2	1260 mm
	Fork carriage width	b3	
4.26	Distance between support arms	b5	1165 mm
4.26	Distance between wheel arms/loading surfaces	b4	1492 mm
4.28	Maximum outreach		1000 mm
1.34	Aisle width for 800 x 1200 pallet lengthways	Ast	3363 mm
4.35	Turning radius	Wa	2463 mm
_	Performances		
5.1	Travel speed (laden / unladen)		10.60 km/h - 10.70 km/h
5.2	Lifting speed (laden / unladen)		0.26 m/s / 0.24 m/s
5.3	Lowering speed (laden / unladen)		0.38 m/s / 0.24 m/s
5.7	Gradeability (laden / unladen)		47 % / 48 %
5.9	Acceleration time (laden / unladen)		4.10 s / 2.60 s
5.10	Service brake		Hydraulic brakes by loss of pressure
	Transmission type		Hydrostatic
	Engine		
7.1	Engine brand / norm / model		Kubota - Stage V / D1105-E4B-MNT-2
7.2	I.C. Engine power rating		18.50 kW
7.3	Rated speed		3000 rpm
7.4	Number of cylinders / Capacity of cylinders		3 - 1123 cm³
	Miscellaneous		
8.1	Type of drive control		Cable
8.2	Working hydraulic pressure for attachments		190 bar
8.3	Oil flow rate for attachments		43 I/min

TMM 25 4W 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
1t &	Simple Reach	Pantograph reach in	kg
leigl		Pantograph reach out with stabilizers	kg
Ē		Pantograph reach out without stabilizers	kg
Éim (m)		Telescopic forks reach in	kg
Мау п		Telescopic Forks reach out with stabilizers	kg
Residual Capacity (Maximum Height & LC = 600 mm)		Telescopic Forks reach out without stabilizers	kg
- Ca	Double Reach	Pantograph & TF reach in	kg
idua		Pantograph & TF reach out with stabilizers	kg
Res		Pantograph & TF reach out without stabilizers	kg

FVD 30	FVD 36	FVD 42
2392	2742	3092
3000	3600	4200
4495	5095	5695
2500	2500	2500
2050	2050	
1150	1100	
2500	2500	
1350	1300	
1200	1150	
2500	2500	
1100	1100	
550	550	





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