Technical sheet:

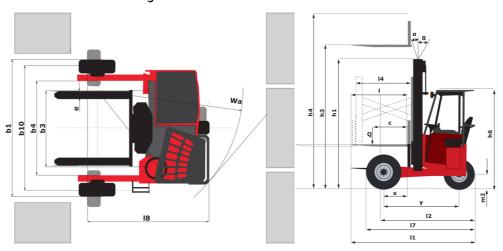
## **TMM 25 4W ST5**





		IMM 25 4W 515 (	TMM 25 4W ST5 Created on May 2, 2024 at 4:00:38 PM 010		
	Technical characteristics		Metric		
1.1	Manufacturer		MANITOU		
1.2	Model Name		TMM 25 4W ST5		
1.2.1	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	y	1598 mm		
	Weight				
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		· Live rig / · Leve rig		
3.1	Tires type		Pneumatic		
3.2	Dimensions of front wheels		27X10-12 IC30		
3.3	Dimensions of rear wheels		27X10-12 IC30		
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		
3.0	Dimensions	B10	2143 11111		
4.7	Height of overhead guard (cabin)	h6	2120 mm		
4.7	Seat height/stand height	h7	1070 mm		
4.0			2638 mm		
	Overall length	l1			
4.21	Overall width	b1	2398 mm		
4.22	Forks section / width / length	s / e / l	40 mm x 122 mm x 1200 mm 2A		
4.23	Fork carriage ISO 2328 (class/form) A/B	b.o.			
4.24	Fork carriage width	b3	1260 mm		
4.25	Distance between support arms	b4	1165 mm		
4.26	Distance between wheel arms/loading surfaces	b4	1492 mm		
4.28	Maximum horizontal extension at COG 600	14	1000 mm		
4.32	Ground clearance at centre of wheelbase	m2	272 mm		
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	3363 mm		
4.35	Tuming 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		
5.5	Nominal pulling force (laden)		2450		
5.3	Lowering speed (laden / unladen)		0.38 m/s / 0.24 m/s		
5.7	Gradeability (laden / unladen)		47 % / 48 %		
5.10	Service brake		Hydraulic brakes by loss of pressure		
5.9	Acceleration time (laden / unladen)		4.10 s / 2.60 s		
5.11	Transmission type		Hydrostatic		
	Engine				
7.1	Engine brand / norm		Kubota - Stage V		
7.2	Engine power according to ISO 1585		18.50 kW		
7.3	Rated speed		3000 rpm		
7.4	Number of cylinders / Capacity of cylinders  Miscellaneous		3 - 1123 cm³		
8.1	Type of drive control		Cable		
8.2	Working hydraulic pressure for attachments		190 bar		
8.3	Oil flow rate for attachments		43 l/min		
8.4	Sound level at the driver's ear according to DIN 12 053		84 dB		

## TMM 25 4W ST5 - Dimensional drawing



## Characteristics of masts and residual capacities

		Full Visibility Duplex (FVD)		FVD 30	FVD 36
		h1 - Mast lowered height	mm	2392	2742
		h3 - Mast lifting height	mm	3000	3600
		h4 - Mast extended height	mm	4495	5095
nt &	Simple Reach	Pantograph reach in	kg	2500	2500
leigl		Pantograph reach out with stabilizers	kg	2050	2050
Ė		Pantograph reach out without stabilizers	kg	1150	1100
Ē.		Telescopic forks reach in	kg	2500	2500
Мау п		Telescopic Forks reach out with stabilizers	kg	1350	1300
Capacity (Maximum Height & LC = 600 mm)		Telescopic Forks reach out without stabilizers	kg	1200	1150
Ca	Double Reach	Pantograph & TF reach in	kg	2500	2500
Residual		Pantograph & TF reach out with stabilizers	kg	1100	1100
Res		Pantograph & TF reach out without stabilizers	kg	550	550





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