

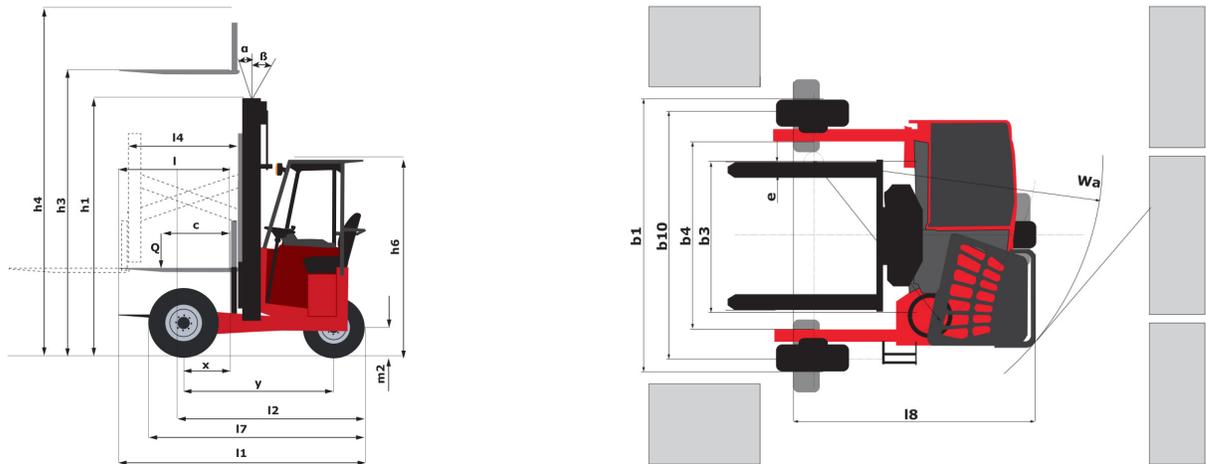
Technical sheet :

# **TMM 25 4W ST5**

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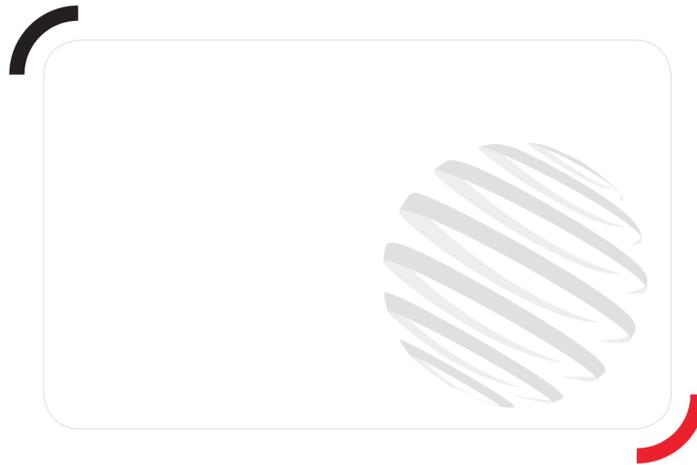
Technical characteristics			Metric	Imperial
1.1	Manufacturer		MANITOU	MANITOU
1.2	Model Name		TMM 25 4W ST5	TMM 25 4W ST5
1.2.1	Reach out equipment		Pantograph	Pantograph
1.3	Power source		Diesel	Diesel
1.4	Operator type		Seated	Seated
1.5	Max. capacity	Q	2500 kg	5512 lbs
1.6	Load centre of gravity	c	600 mm	23.622 in
1.8	Load distance, centre of drive axle to fork	x	500 mm	19.685 in
1.9	Wheelbase	y	1598 mm	62.913 in
<b>Weight</b>				
2.1	Service Weight		2500 kg	5512 lbs
<b>Wheels</b>				
3.1	Tyres type		Inflatable	Inflatable
3.2	Dimensions of front wheels		27x10-12 IC30	27x10-12 IC30
3.3	Dimensions of rear wheels		27x10-12 IC30	27x10-12 IC30
3.5	Number of front wheels / rear wheels		2 / 1	2 / 1
3.5.1	Drive wheels (front / rear)		2 / 1	2 / 1
3.6	Front wheel gauge	b10	2143 mm	84.37 in
<b>Dimensions</b>				
4.7	Height of overhead guard (cabin)	h6	2120 mm	83.465 in
4.19	Overall length	l1	2638 mm	103.858 in
4.21	Overall width	b1	2398 mm	94.409 in
4.23	Fork carriage ISO 2328 (class/form) A/B		2A	2A
4.24	Fork carriage width	b3	1260 mm	49.606 in
4.26	Distance between wheel arms/loading surfaces	b4	1492 mm	58.74 in
4.32	Ground clearance at centre of wheelbase	m2	272 mm	10.709 in
4.28	Max. Reach	l4	1005 mm	39.567 in
4.37	Overall length (without forks)	l7	2285 mm	89.961 in
4.38	Length across wheel arms (4W position)	l8	2320 mm	91.339 in
4.35	Turning radius	Wa	2463 mm	96.969 in
<b>Performances</b>				
5.1	Travel speed (laden / unladen)		11.2 km/h / 11.2 km/h	7 mph / 7 mph
5.7	Gradeability - laden / unladen		56 % / 51 %	56 % / 51 %
5.9	Service brake		Hydraulic	Hydraulic
5.11	Transmission type		Hydrostatic	Hydrostatic
<b>Engine</b>				
7.1	Engine brand		Kubota	Kubota
7.4	Number of cylinders / Capacity of cylinders		3 - 1123 cm <sup>3</sup>	3 - 68.53 in <sup>3</sup>
7.3	Rated speed		3000 tr/min	3000 tr/min
7.2	Engine power according to ISO 1585		18.5 kW	18.5 kW
<b>Miscellaneous</b>				
8.2	Working hydraulic pressure for attachments (bar)		190 Bar	13 PSI
8.3	Oil flow rate for attachments		43 l/min	43 l/min
8.4	Sound level at the driver's ear according to DIN 12 053		84 dB(A)	84 dB(A)

## Dimensional drawing



## Characteristics of masts and residual capacities

		Full Visibility Duplex				
		FVD 30	FVD 36	FVD 39		
Residual Capacity (Maximum Height & LC = 600)	Simple Reach	h1 - Height mast Lowered	mm	2392	2742	2892
		h3 - Lifting Height	mm	3000	3600	3900
		h4 - Height mast extended	mm	4495	5095	5395
		Pantograph reach in	kg	2500	2500	2500
		Pantograph reach out with stabilizers	kg	2050	2050	2050
		Pantograph reach out without stabilizers	kg	1150	1100	1000
	Double Reach	Telescopic forks reach in	kg	2500	2500	2500
		Telescopic Forks reach out with stabilizers	kg	1350	1300	1300
		Telescopic Forks reach out without stabilizers	kg	1200	1150	1100
		Pantograph & TF reach in	kg	2500	2500	2500
		Pantograph & TF reach out with stabilizers	kg	1100	1100	1100
		Pantograph & TF reach out without stabilizers	kg	550	550	550



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