Technical sheet :

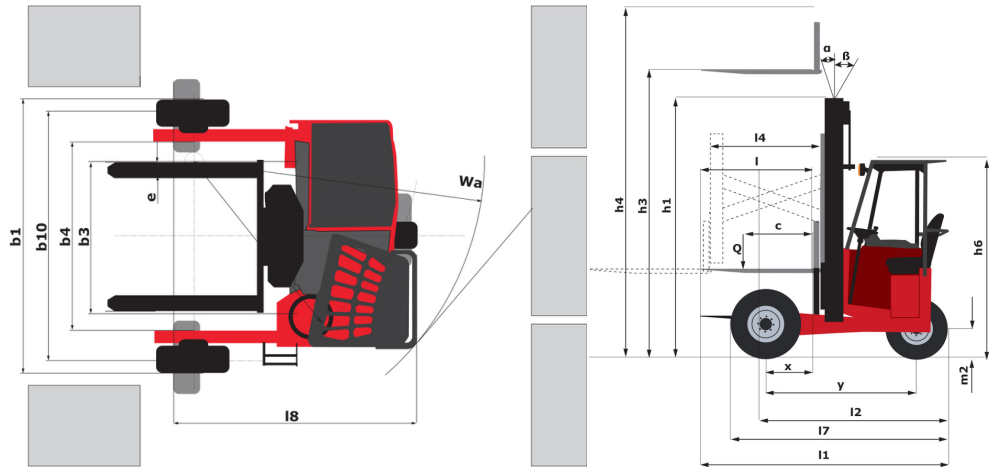
TMM 25 4W



MANITOU
HANDLING YOUR WORLD

	Technical characteristics		Metric	Imperial
1.1	Manufacturer		Manitou	Manitou
1.2	Model Name		TMM 25 4W	TMM 25 4W
1.2.1	Reach out equipment		Pantograph	Pantograph
1.3	Power source		Diesel	Diesel
1.4	Operator type		Sitting	Sitting
1.5	Max. capacity	Q	2500 kg	5512 lb
1.6	Load center of gravity	c	600 mm	24 in
1.8	Load distance, centre of drive axle to fork	x	-500 mm	-20 in
1.9	Wheelbase	y	1598 mm	63 in
	Weight			
2.1	Service weight		2500 kg	5512 lb
	Wheels			
3.1	Tires 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
3.5.2	Drive wheels (front / rear)		2 / 1	2 / 1
3.6	Front wheel gauge	b10	2143 mm	84 in
	Dimensions			
4.7	Height of overhead guard (cabin)	h6	2120 mm	83 in
4.19	Overall length	l1	2638 mm	104 in
4.21	Overall width	b1	2398 mm	94 in
4.22	Forks section / width / length	s / e / l	40 mm x 125 mm x 1200 mm	2 in x 5 in x 47 in
4.23	Fork carriage ISO 2328 (class/form) A/B		2A	2A
4.24	Fork carriage width	b3	1260 mm	50 in
4.26	Distance between wheel arms/loading surfaces	b4	1492 mm	59 in
4.28	Maximum horizontal extension at COG 600	l4	1000 mm	39 in
4.32	Ground clearance at centre of wheelbase	m2	270 mm	11 in
4.35	Turning radius	Wa	2463 mm	97 in
	Performances			
5.1	Travel speed (laden / unladen)		11.20 km/h - 11.20 km/h	7 mph - 7 mph
5.7	Gradeability (laden / unladen)		43 % / 26 %	43 % / 26 %
5.10	Service brake		Hydraulic	Hydraulic
5.11	Transmission type		Hydrostatic	Hydrostatic
	Engine			
7.1	Engine brand		Kubota	Kubota
7.2	Engine power according to ISO 1585		26.50 kW	26.50 kW
7.3	Rated speed		3000 rpm	3000 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 1498 cm³	4 - 91 in³
	Miscellaneous			
8.2	Working hydraulic pressure for attachments		190 bar	2756 PSI
8.3	Oil flow rate for attachments		43 l/min	11 US gpm
8.4	Sound level at the driver's ear according to DIN 12 053		84 dB	84 dB

TMM 25 4W - Dimensional drawing



Characteristics of masts and residual capacities

		Full Visibility Duplex (FVD)		FVD 30	FVD 36	FVD 39
		h1 - Mast lowered height	in (mm)	94.2 (2392)	108 (2742)	113.9 (2892)
		h3 - Mast lifting height	in (mm)	118.1 (3000)	141.7 (3600)	153.5 (3900)
		h4 - Mast extended height	in (mm)	177 (4495)	200.6 (5095)	212.4 (5395)
Residual Capacity (Maximum Height & LC = 600 mm)	Simple Reach	Pantograph reach in	lb (kg)	5512 (2500)	5512 (2500)	5512 (2500)
		Pantograph reach out with stabilizers	lb (kg)	4519 (2050)	4519 (2050)	4519 (2050)
		Pantograph reach out without stabilizers	lb (kg)	2535 (1150)	2425 (1100)	2205 (1000)
		Telescopic forks reach in	lb (kg)	5512 (2500)	5512 (2500)	5512 (2500)
		Telescopic Forks reach out with stabilizers	lb (kg)	2976 (1350)	2866 (1300)	2866 (1300)
		Telescopic Forks reach out without stabilizers	lb (kg)	2646 (1200)	2535 (1150)	2425 (1100)
	Double Reach	Pantograph & TF reach in	lb (kg)	5512 (2500)	5512 (2500)	5512 (2500)
		Pantograph & TF reach out with stabilizers	lb (kg)	2425 (1100)	2425 (1100)	2425 (1100)
		Pantograph & TF reach out without stabilizers	lb (kg)	1213 (550)	1213 (550)	1213 (550)

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