Technical sheet :

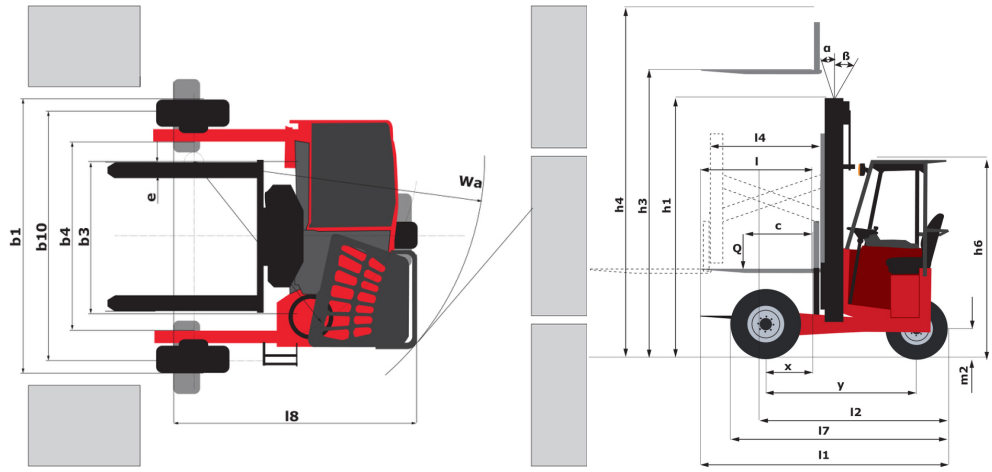
TMM 20 4W



MANITOU
HANDLING YOUR WORLD

	Technical characteristics		Metric	Imperial
1.1	Manufacturer		Manitou	Manitou
1.2	Model Name		TMM 20 4W	TMM 20 4W
1.2.1	Reach out equipment		Telescopic Forks	Telescopic Forks
1.3	Power source		Diesel	Diesel
1.4	Operator type		Sitting	Sitting
1.5	Max. capacity	Q	2000 kg	4409 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		2450 kg	5401 lb
	Wheels			
3.1	Tires type		Inflatable	Inflatable
3.2	Dimensions of front wheels		23 x 9 - 10 IC30	23 x 9 - 10 IC30
3.3	Dimensions of rear wheels		23 x 9 - 10 IC30	23 x 9 - 10 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	2095 mm	82 in
	Dimensions			
4.7	Height of overhead guard (cabin)	h6	2080 mm	82 in
4.19	Overall length	l1	2598 mm	102 in
4.21	Overall width	b1	2315 mm	91 in
4.22	Forks section / width / length	s / e / l	55 mm x 170 mm x 1350 mm	2 in x 7 in x 53 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	230 mm	9 in
4.35	Turning radius	Wa	2463 mm	97 in
	Performances			
5.1	Travel speed (laden / unladen)		10 km/h - 10 km/h	6 mph - 6 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 20 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)	92.6 (2352)	106.4 (2702)	112.3 (2852)
		h3 - Mast lifting height	in (mm)	118.1 (3000)	141.7 (3600)	153.5 (3900)
		h4 - Mast extended height	in (mm)	175.4 (4455)	199 (5055)	210.8 (5355)
Residual Capacity (Maximum Height & LC = 600 mm)	Simple Reach	Pantograph reach in	lb (kg)	4409 (2000)	4409 (2000)	4409 (2000)
		Pantograph reach out with stabilizers	lb (kg)	3858 (1750)	3858 (1750)	3858 (1750)
		Pantograph reach out without stabilizers	lb (kg)	2425 (1100)	2315 (1050)	2205 (1000)
		Telescopic forks reach in	lb (kg)	4409 (2000)	4409 (2000)	4409 (2000)
		Telescopic Forks reach out with stabilizers	lb (kg)	2866 (1300)	2866 (1300)	2866 (1300)
		Telescopic Forks reach out without stabilizers	lb (kg)	2535 (1150)	2425 (1100)	2315 (1050)
	Double Reach	Pantograph & TF reach in	lb (kg)	4409 (2000)	4409 (2000)	4409 (2000)
		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)

Equipment

Standard
3 braked wheels
4 Way System
Telescopic Forks
Three-function FNR handling levers

Optional
Complete road lighting
Extenseur
Forks positioner
Front right and left working lights (x2)
Lights
Outer right rear-view mirror
Primo seat
Protective seat cover
Reversing warning buzzer
Special color paints

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