Technical sheet:

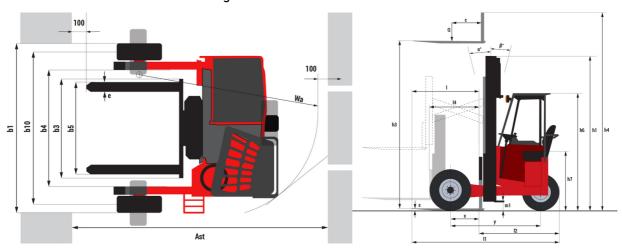
TMM 45 4W K ST5





		1 MM 43 4W K 31	I MM 45 4W K S I S Cleated Off April 1, 2023 at 1.03 AM C	
	Technical characteristics		Imperial	
1.1	Manufacturer		MANITOU	
1.2	Model Name		TMM 45 4W K ST5	
1.2.1	Reach out equipment		Pantograph	
1.3	Power source		Diesel	
1.4	Operator type		Seated	
1.5	Max. capacity	Q	4409 lb	
1.6	Load center of gravity	c	20 in	
1.8	Load distance, centre of drive axle to fork	x	19 in	
1.9	Wheelbase	V	63 in	
1.5	Weight	,	03 111	
	Standard mast reference of the machine		FVD 30	
2.1			5401 lb	
	Service weight			
2.2	Weight on front axle (laden) / rear axle (laden)		7011 lb / 2800 lb	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		2601 lb / 2800 lb	
	Wheels			
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	
3.6	Front wheel gauge	b10	84 in	
	Dimensions			
4.4	Max. lifting height	h3	118 in	
4.7	Height of overhead guard (cabin)	h6	83 in	
4.8	Seat height/stand height	h7	42 in	
1.19	Overall length		104 in	
1.21	Overall width	b1	94 in	
1.22	Forks section / width / length	s / e / l	2 in x 5 in x 47 in	
1.23	Fork carriage ISO 2328 (class/form) A/B		2A	
1.24	Fork carriage width	b3	50 in	
1.26	Distance between support arms	b5	46 in	
1.26	Distance between wheel arms/loading surfaces	b4	59 in	
.28	Maximum horizontal extension at COG 600	14	39 in	
.32	Ground clearance at centre of wheelbase	m2	11 in	
.34	Aisle width for 800 x 1200 pallet lengthways	Ast	132 in	
.35	Turning radius	Wa	97 in	
	Performances			
5.1	Travel speed (laden / unladen)		7 mph - 7 mph	
5.2	Lifting speed (laden / unladen)		0.85 ft/s / 0.79 ft/s	
5.3	Lowering speed (laden / unladen)		1 ft/s / 0.79 ft/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	
,.10	Transmission type		Hydrostatic	
	Engine		Tiyalostatic	
7.1	Engine brand / norm / model		Kubota - Stage V / D1105-E4B-MNT-2	
7.1	I.C. Engine power rating		18.50 kW	
			3000 rpm	
7.3	Rated speed		·	
7.4	Number of cylinders / Capacity of cylinders		3 - 69 in³	
0.4	Miscellaneous			
8.1	Type of drive control		Cable	
8.2	Working hydraulic pressure for attachments		2756 PSI	
8.3	Oil flow rate for attachments		11 US gpm	
8.4	Sound level at the driver's ear according to DIN 12 053		84 dB	

TMM 45 4W K ST5 - Dimensional drawing



Characteristics of masts and residual capacities

		•	
		h1 - Mast lowered height	in
		h3 - Mast lifting height	in
		h4 - Mast extended height	in
1t &	Simple Reach	Pantograph reach in	lb
leigh		Pantograph reach out with stabilizers	lb
Ē		Pantograph reach out without stabilizers	lb
Ē.		Telescopic forks reach in	lb
Ма) п		Telescopic Forks reach out with stabilizers	lb
Residual Capacity (Maximum Height & LC = 600 mm)		Telescopic Forks reach out without stabilizers	lb
Ca	Double Reach	Pantograph & TF reach in	lb
idua		Pantograph & TF reach out with stabilizers	lb
Res		Pantograph & TF reach out without stabilizers	lb

FVD 30	FVD 36
92.6	106.4
118.1	141.7
175.4	199
4409	4409
3858	3858
2425	2315
4409	4409
2866	2866
2535	2425
4409	4409
2425	2425
1213	1213





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