Technical sheet:

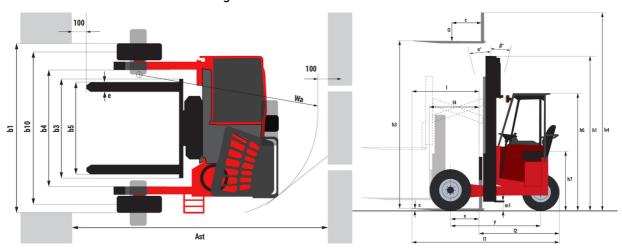
TMM 45 4W K ST5





	Technical characteristics		Metric
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	2000 kg
1.6	Load center of gravity	C	500 mm
1.8	Load distance, centre of drive axle to fork	X	490 mm
1.9	Wheelbase	у	1598 mm
	Weight		
	Standard mast reference of the machine		FVD 30
2.1	Service weight		2450 kg
2.2	Weight on front axle (laden) / rear axle (laden)		3180 kg / 1270 kg
2.3	Weight on front axle (taden) / rear axle (taden) Weight on front axle (Unladen) / rear axle (Unladen)		1180 kg / 1270 kg
2.5	Wheels		1100 kg / 1270 kg
3.1			Pneumatic
	Tires type		
3.2	Dimensions of front wheels Dimensions of rear wheels		27x10-12 IC30 27x10-12 IC30
3.5	Number of front wheels / rear wheels	140	2 / 1
3.6	Front wheel gauge	b10	2143 mm
	Dimensions		
4.4	Max. lifting height	h3	3000 mm
4.7	Height of overhead guard (cabin)	h6	2120 mm
4.8	Seat height/stand height	h7	1070 mm
4.19	Overall length	l1	2650 mm
4.21	Overall width	b1	2398 mm
4.22	Forks section / width / length	s / e / l	40 mm x 122 mm x 1200 mm
4.23	Fork carriage ISO 2328 (class/form) A/B		2A
4.24	Fork carriage width	b3	1260 mm
4.26	Distance between support arms	b5	1165 mm
4.26	Distance between wheel arms/loading surfaces	b4	1492 mm
4.28	Maximum outreach		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	Turning 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
5.3	Lowering speed (laden / unladen)		0.38 m/s / 0.24 m/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
	Transmission type		Hydrostatic
	Engine		
7.1	Engine brand / norm / model		Kubota - Stage V / D1105-E4B-MNT-2
7.2	I.C. Engine power rating		18.50 kW
7.3	Rated speed		3000 rpm
7.4	Number of cylinders / Capacity of cylinders		3 - 1123 cm³
7.4	Miscellaneous		5 1125 cm
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		43 i/min 84 dB

TMM 45 4W K ST5 - Dimensional drawing



Characteristics of masts and residual capacities

		Full Visibility Duplex (FVD)	
		h1 - Mast lowered height	mm
		h3 - Mast lifting height	mm
		h4 - Mast extended height	mm
ht &		Pantograph reach in	kg
leig	ج	Pantograph reach out with stabilizers	kg
늍	Simple Reach	Pantograph reach out without stabilizers	kg
ij (ii		Telescopic forks reach in	kg
Ma)		Telescopic Forks reach out with stabilizers	kg
Residual Capacity (Maximum Height & LC = 600 mm)		Telescopic Forks reach out without stabilizers	kg
- Ca	a _	Pantograph & TF reach in	kg
idua	Double Reach	Pantograph & TF reach out with stabilizers	kg
Res		Pantograph & TF reach out without stabilizers	kg

FVD 30	FVD 36
2352	2702
3000	3600
4455	5055
2000	2000
1750	1750
1100	1050
2000	2000
1300	1300
1150	1100
2000	2000
1100	1100
550	550





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