Technical sheet :

TMM 45 K ST5

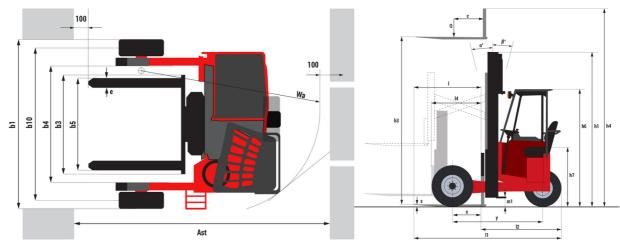




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.2.1	Reach out equipment	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	С
1.8	Load distance, centre of drive axle to fork	х
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
	Wheels	
3.1	Tires type	
3.2	Dimensions of front wheels	
3.3	Dimensions of rear wheels	
3.5	Number of front wheels / rear wheels	
3.5.2	Drive wheels (front / rear)	
3.6	Front wheel gauge	b10
	Dimensions	
4.4	Max. lifting height	h3
4.7	Height of overhead guard (cabin)	h6
4.8	Seat height/stand height	h7
4.19	Overall length	11
4.21	Overall width	b1
4.22	Forks section / width / length	s/e/l
4.23	Fork carriage ISO 2328 (class/form) A/B	0,0,1
4.24	Fork carriage width	b3
4.26	Distance between support arms	b5
4.26	Distance between wheel arms/loading surfaces	b4
4.28	Maximum horizontal extension at COG 600	14
4.32	Ground clearance at centre of wheelbase	m2
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast
4.35	Tuming radius	Wa
4.00	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.7	Gradeability (laden / unladen)	
5.9	Acceleration time (laden / unladen)	
5.10	Service brake	
5.11	Transmission type	
0.11	Engine	
7.1	Engine brand / norm / model	
7.2	I.C. Engine power rating	
7.3	Rated speed	
7.4	Number of cylinders / Capacity of cylinders	
7.4	Minder of Cylinders 7 Capacity of Cylinders	
8.1	Type of drive control	
8.1	Vorking hydraulic pressure for attachments	
8.3	Oil flow rate for attachments	
8.3		
0.4	Sound level at the driver's ear according to DIN 12 053	

(313	oreated on December 27, 2024 at 3.35 AM or o
	Imperial
	MANITOU
	TMM 45 K ST5
	Pantograph
	Diesel
	Seated
Q	4409 lb
С	24 in
x	20 in
у	63 in
	5049 lb
	6724 lb / 2734 lb
	2315 lb / 2734 lb
	Pneumatic
	27x10-12 IC30
	27x10-12 IC30
	2 / 1
	2 / 1
b10	85 in
h3	118 in
h6	82 in
h7	41 in
11	102 in
b1	91 in
s/e/l	2 in x 5 in x 47 in
	2A
b3	50 in
b5	46 in
b4	63 in
14	39 in
m2	9 in
Ast	132 in
Wa	97 in
	6 mph - 6 mph
	0.85 ft/s / 0.79 ft/s
	1 ft/s / 0.79 ft/s
	56 % / 51 %
	4.10 s / 2.60 s
	Hydraulic brakes by loss of pressure
	Hydrostatic
	Kubota - Stage V / D1105-E4B-MNT-2
	18.50 kW
	3000 rpm
	3 - 69 in³
	Cable
	2756 PSI
	11 US gpm
	84 dB

TMM 45 K ST5 - Dimensional drawing



Characteristics of masts and residual capacities

		Full Visibility Duplex (FVD)		FVD 30	FVD 36	FVD 39
		h1 - Mast lowered height	in	92.6	106.4	112.3
		h3 - Mast lifting height	in	118.1	141.7	153.5
		h4 - Mast extended height	in	175.4	199	210.8
Residual Capacity (Maximum Height & LC = 600 mm)	Simple Reach	Pantograph reach in	lb	4409	4409	4409
		Pantograph reach out with stabilizers	lb	3858	3858	3858
		Pantograph reach out without stabilizers	lb	2315	2315	2315
		Telescopic forks reach in	lb	4409	4409	4409
		Telescopic Forks reach out with stabilizers	lb	2866	2866	2866
		Telescopic Forks reach out without stabilizers	lb	2425	2535	2425
	Double Reach	Pantograph & TF reach in	lb	4409	4409	4409
		Pantograph & TF reach out with stabilizers	lb	2425	2425	2425
		Pantograph & TF reach out without stabilizers	lb	1213	1213	1213



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