Technical sheet :

TMM 25 ST5



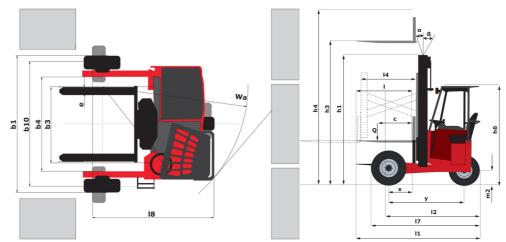


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		TMM 25 9
	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.2.1	Reach out equipment	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	c
1.8	Load distance, centre of drive axle to fork	x
1.9	Wheelbase	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	
4.7	Height of overhead guard (cabin)	h6
4.8	Seat height/stand height	h7
4.19	Overall length	1
4.21	Overall width	b1
4.22	Forks section / width / length	s / e /
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	b3
4.25	Distance between support arms	b4
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	Turning radius	Wa
	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.5	Nominal pulling force (laden)	
5.3	Lowering speed (laden / unladen)	
5.7	Gradeability (laden / unladen)	
5.10	Service brake	
5.9	Acceleration time (laden / unladen)	
5.11	Transmission type	
	Engine	
7.1	Engine brand / norm	
7.2	Engine power according to ISO 1585	
7.3	Rated speed	
7.4	Number of cylinders / Capacity of cylinders	
	Miscellaneous	
8.1	Type of drive control	
8.2	Working hydraulic pressure for attachments	
8.3	Oil flow rate for attachments	
8.4	Sound level at the driver's ear according to DIN 12 053	

5 ST5	Created on April 29, 2024 at 7:54:33 AM UTC
	Metric
	MANITOU
	TMM 25 ST5
	Pantograph
	Diesel
	Seated
Q	2500 kg
с	500 mm
х	490 mm
у	1598 mm
	2340 kg
	3585 kg / 1255 kg
	1085 kg / 1255 kg
	Pneumatic
	27X10-12 IC30
	27X10-12 IC30
	2 / 1
	2 / 1
10	2151 mm
16	2120 mm
17	1070 mm
1	2650 mm
p1	2406 mm
e / I	40 mm x 122 mm x 1200 mm
	2A
53	1260 mm
04	1165 mm
04	1600 mm
4	1000 mm
n2	272 mm
st	3363 mm
Va	2463 mm
	10.60 km/h - 10.70 km/h
	0.26 m/s / 0.24 m/s
	2200
	0.38 m/s / 0.21 m/s
	50 % / 51 %
	Hydraulic brakes by loss of pressure
	4.10 s / 2.60 s
	Hydrostatic
	Kubota - Stage V 18.50 kW
	3000 rpm
	3 - 1123 cm³
	Cable
	190 bar
	43 l/min
	84 dB

TMM 25 ST5 - Dimensional drawing



Characteristics of masts and residual capacities

	Full Visibility Duplex (FVD)		FVD 30	FVD 36	FVD 42
h1 - Mast lowered height		mm	2392	2742	3090
	h3 - Mast lifting height	mm	3000	3600	4200
	h4 - Mast extended height	mm	4495	5095	5695
Simple Reach	Pantograph reach in	kg	2500	2500	2500
	Pantograph reach out with stabilizers	kg	2000	1950	
	Pantograph reach out without stabilizers	kg	1050	1000	
	Telescopic forks reach in	kg	2500	2500	
	Telescopic Forks reach out with stabilizers	kg	1350	1300	
	Telescopic Forks reach out without stabilizers	kg	1150	1100	
Double Reach	Pantograph & TF reach in	kg	2500	2500	
	Pantograph & TF reach out with stabilizers	kg	1100	1100	
	Pantograph & TF reach out without stabilizers	kg	550	550	
	Simple	h1 - Mast lowered height h3 - Mast lifting height h4 - Mast extended height Pantograph reach in Pantograph reach out with stabilizers Pantograph reach out without stabilizers Telescopic forks reach in Telescopic Forks reach out with stabilizers Telescopic Forks reach out without stabilizers Pantograph & TF reach in Pantograph & TF reach out with stabilizers	h1 - Mast lowered heightmmh3 - Mast lifting heightmmh3 - Mast lifting heightmmh4 - Mast extended heightmmh4 - Mast extended heightmmPantograph reach inkgPantograph reach out with stabilizerskgPantograph reach out without stabilizerskgTelescopic Forks reach out with stabilizerskgTelescopic Forks reach out withoutkgPantograph & TF reach inkgPantograph & TF reach inkgPantograph & TF reach out with stabilizerskg	h1 - Mast lowered heightmm2392h3 - Mast lifting heightmm3000h4 - Mast extended heightmm4495Pantograph reach inkg2500Pantograph reach out with stabilizerskg1050Pantograph reach out with stabilizerskg1050Telescopic forks reach out with stabilizerskg1350Telescopic Forks reach out withoutkg1150Pantograph & TF reach inkg2500Pantograph & TF reach out with stabilizerskg1100	h1 - Mast lowered heightmm23922742h3 - Mast lifting heightmm30003600h4 - Mast extended heightmm44955095Pantograph reach inkg25002500Pantograph reach out with stabilizerskg10501000Pantograph reach out with stabilizerskg10501000Telescopic Forks reach out with stabilizerskg13501300Telescopic Forks reach out withoutkg11501100Pantograph & TF reach inkg25002500Pantograph & TF reach inkg25002500Pantograph & TF reach inkg25002500Pantograph & TF reach out with stabilizerskg11001100



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