Technical sheet:

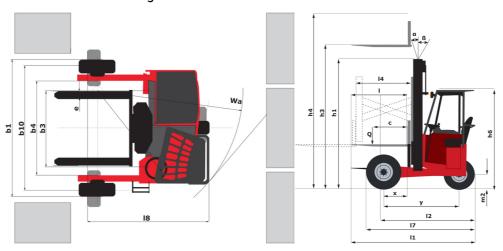
TMM 20 4W ST5





			Freated on May 5, 2024 at 9:27:32 AM
	Technical characteristics		Metric
1.1	Manufacturer		MANITOU
1.2	Model Name		TMM 20 4W 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	500 mm
1.9	Wheelbase	у	1598 mm
	Weight	, and the second second	1050 111111
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 axie (laden) / rear axie (laden) Weight on front axie (Unladen) / rear axie (Unladen)		1180 kg / 1270 kg
2.3	Wheels		1100 kg / 1270 kg
2.1			Draumatia
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
3.5.2	Drive wheels (front / rear)		2 / 1
3.6	Front wheel gauge	b10	2095 mm
	Dimensions		
4.7	Height of overhead guard (cabin)	h6	2080 mm
4.8	Seat height/stand height	h7	1030 mm
4.19	Overall length	I1	2598 mm
4.21	Overall width	b1	2315 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 m
4.25	Distance between support arms	b4	1165 mm
4.26	Distance between wheel arms/loading surfaces	b4	1492 mm
4.28	Maximum horizontal extension at COG 600	14	1000 mm
4.32	Ground clearance at centre of wheelbase	m2	231 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)		9.40 km/h - 9.50 km/h
5.2	Lifting speed (laden / unladen)		0.26 m/s / 0.24 m/s
5.5	Nominal pulling force (laden)		2450
5.3	Lowering speed (laden / unladen)		0.38 m/s / 0.24 m/s
5.7	Gradeability (laden / unladen)		47 % / 48 %
5.10	Service brake		Hydraulic brakes by loss of pressure
5.9	Acceleration time (laden / unladen)		4.10 s / 2.60 s
5.11	Transmission type		Hydrostatic
	Engine		1,000,000
7.1	Engine brand / norm		Kubota - Stage V
7.2	Engine power according to ISO 1585		18.50 kW
7.3	Rated speed		3000 rpm
7.4	Number of cylinders / Capacity of cylinders		3 - 1123 cm³
7.4	Miscellaneous		3 1123 CIII
0 1	Type of drive control		Cable
8.1	•		
8.2	Working hydraulic pressure for attachments Oil flow rate for attachments		190 bar 43 l/min
8.3	LILL TIOW 1216 FOR 2TT2CHMONTS		//3 I/min

TMM 20 4W ST5 - Dimensional drawing



Characteristics of masts and residual capacities

		Full Visibility Duplex (FVD)		FVD 30	FVD 36
		h1 - Mast lowered height	mm	2352	2702
		h3 - Mast lifting height	mm	3000	3600
		h4 - Mast extended height	mm	4455	5055
nt &	Simple Reach	Pantograph reach in	kg	2000	2000
leigh		Pantograph reach out with stabilizers	kg	1750	1750
E		Pantograph reach out without stabilizers	kg	1100	1050
m) Ein		Telescopic forks reach in	kg	2000	2000
Мау 00 ш		Telescopic Forks reach out with stabilizers	kg	1300	1300
Capacity (Maximum Height & LC = 600 mm)		Telescopic Forks reach out without stabilizers	kg	1150	1100
	Double Reach	Pantograph & TF reach in	kg	2000	2000
Residual		Pantograph & TF reach out with stabilizers	kg	1100	1100
Res		Pantograph & TF reach out without stabilizers	kg	550	550





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