Technical sheet :

TMM 20 4W ST5





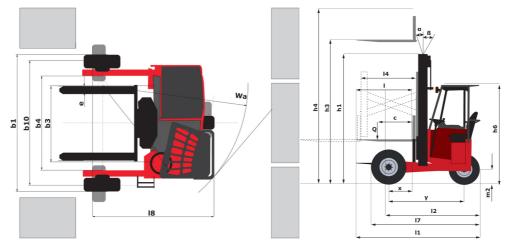
MM 20 4W ST 5	Created on	3 May	2024 at	12:14:46	AM UTC
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		ТММ
	Technical characteristics	
.1	Manufacturer	
	Model Name	
	Reach out equipment	
1	Power source	
	Operator type	
	Max. capacity	
	Load center of gravity	
	Load distance, centre of drive axle to fork	
	Wheelbase	
	Weight	
	Service weight	
	Weight on front axle (laden) / rear axle (laden)	
	Weight on front axle (Inden) / rear axle (Inden) Weight on front axle (Unladen) / rear axle (Unladen)	
	Wheels	
	Tires type	
	Dimensions of front wheels	
	Dimensions of rear wheels Number of front wheels / rear wheels	
	Drive wheels (front / rear)	
	Front wheel gauge	
	Dimensions	
	Height of overhead guard (cabin)	
	Seat height/stand height	
	Overall length	
	Overall width	
	Forks section / width / length	
	Fork carriage ISO 2328 (class/form) A/B	
	Fork carriage width	
	Distance between support arms	
	Distance between wheel arms/loading surfaces	
	Maximum horizontal extension at COG 600	
	Ground clearance at centre of wheelbase	
	Aisle width for 800 x 1200 pallet lengthways	
	Turning radius	
	Performances	
	Travel speed (laden / unladen)	
	Lifting speed (laden / unladen)	
	Nominal pulling force (laden)	
	Lowering speed (laden / unladen)	
	Gradeability (laden / unladen)	
	Service brake	
	Acceleration time (laden / unladen)	
	Transmission type	
	Engine	
	Engine brand / norm	
	Engine power according to ISO 1585	
	Rated speed	
	Number of cylinders / Capacity of cylinders	
	Miscellaneous	
	Type of drive control	
	Working hydraulic pressure for attachments	
	Oil flow rate for attachments	
	Sound level at the driver's ear according to DIN 12 053	

WST5	Created on 3 May 2024 at 12:14:46 AM UTC
	Metric
	MANITOU
	TMM 20 4W ST5
	Pantograph
	Diesel
	Seated
Q	2000 kg
с	500 mm
х	500 mm
у	1598 mm
	2450 kg
	3180 kg / 1270 kg
	1180 kg / 1270 kg
	Pneumatic
	27X10-12 IC30
	27X10-12 IC30
	2 / 1
	2 / 1
10	2095 mm
	2000 mm
h6 h7	2080 mm 1030 mm
17	2598 mm
b1	2315 mm
e/l	40 mm x 122 mm x 1200 mm
0,1	2A
b3	1260 m
b4	1165 mm
b4	1492 mm
14	1000 mm
n2	231 mm
Ast	3363 mm
Va	2463 mm
	9.40 km/h - 9.50 km/h
	0.26 m/s / 0.24 m/s
	2450
	0.38 m/s / 0.24 m/s
	47 % / 48 %
	Hydraulic brakes by loss of pressure
	4.10 s / 2.60 s
	Hydrostatic
	Kubota - Stage V
	18.50 kW
	3000 rpm
	3 - 1123 cm ³
	Cable
	190 bar
	43 l/min
	84 dB

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
Residual Capacity (Maximum Height & LC = 600 mm)	Simple Reach	Pantograph reach in	kg	2000	2000
		Pantograph reach out with stabilizers	kg	1750	1750
		Pantograph reach out without stabilizers	kg	1100	1050
		Telescopic forks reach in	kg	2000	2000
		Telescopic Forks reach out with stabilizers	kg	1300	1300
		Telescopic Forks reach out without stabilizers	kg	1150	1100
	Double Reach	Pantograph & TF reach in	kg	2000	2000
		Pantograph & TF reach out with stabilizers	kg	1100	1100
		Pantograph & TF reach out without stabilizers	kg	550	550



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