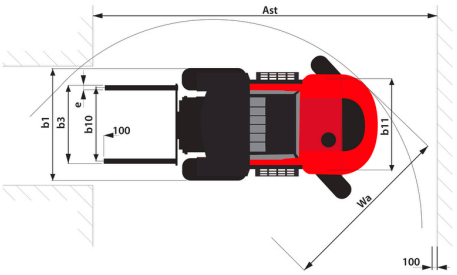
English | Forklift trucks | M

M 40-2

MACHINE BOOK

MANITOU
HANDLING YOUR WORLD

	Technical characteristics		Metric
1.1	Manufacturer		MANITOU
1.2	Model Name		M 40-2
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	4000 kg
1.6	Load center of gravity	c	500 mm
1.8	Load distance, centre of drive axle to fork	x	762 mm
1.9	Wheelbase	y	2120 mm
	Weight		
	Standard mast reference of the machine		FVD 37
2.1	Service weight		7567 kg
2.2	Weight on front axle (laden) / rear axle (laden)		9631 kg / 1936 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		3250 kg / 4317 kg
	Wheels		
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		18R22.5 XF TL 161A8/175A2
3.3	Dimensions of rear wheels		235/75R17.5 132/130M KM
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	1620 mm
3.7	Rear wheel gauge	b11	1680 mm
	Dimensions		
4.7	Height of overhead guard (cabin)	h6	2525 mm
4.8	Seat height/stand height	h7	1452 mm
4.19	Overall length	l1	4806 mm
4.20	Length to face of forks	l2	3606 mm
4.21	Overall width	b1	2076 mm
4.22	Forks section x width x length	s / e / l	50 mm x 150 mm / 1200 mm
4.23	Fork carriage ISO 2328 (class/form) A/B		FEM 3A
4.24	Fork carriage width	b3	1670 mm
4.31	Ground clearance below mast	m1	346 mm
4.32	Ground clearance at centre of wheelbase	m2	400 mm
4.33	Aisle width for 1000 x 1200 pallet widthways	Ast	5443 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	5643 mm
4.35	Turning radius	Wa	3481 m
	Performances		
5.1	Travel speed (laden / unladen)		26.30 km/h / 26.30 km/h
5.2	Lifting speed (laden / unladen)		0.39 m/s / 0.39 m/s
5.3	Lowering speed (laden / unladen)		0.49 m/s / 0.37 m/s
5.5	Drawbar pull (Laden)		17307 daN
5.7	Gradeability (laden / unladen)		50 % / 25 %
5.10	Service brake		Hydraulic brakes by loss of pressure
	Transmission type		Torque converter
	Engine		
7.1	Engine brand / model		Deutz / TCD 2,9
7.2	Engine power (kW)		55 kW
7.3	Rated speed		2300 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 2925 cm³
	Miscellaneous		
8.2	Working hydraulic pressure for attachments		210 bar
8.3	Oil flow rate for attachments		67 l/min
8.4	Sound level at the driver's ear according to DIN 12 053		79.10 dB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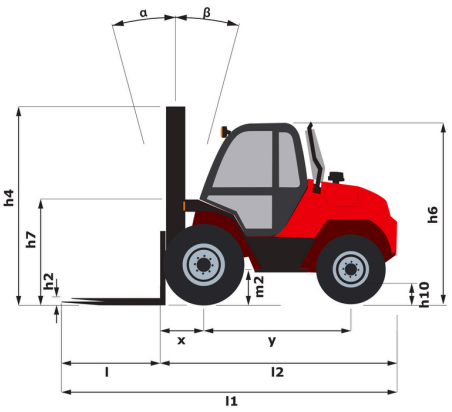
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m2
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