

Technical sheet :

# M 40-2

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 **MANITOU**  
HANDLING YOUR WORLD

	Technical characteristics		Imperial
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	8818 lb
1.6	Load center of gravity	c	20 in
1.8	Load distance, centre of drive axle to fork	x	30 in
1.9	Wheelbase	y	81 in
	<b>Weight</b>		
2.1	Service weight		15245 lb
2.2	Weight on front axle (laden) / rear axle (laden)		20007 lb / 4057 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		5787 lb / 9458 lb
	<b>Wheels</b>		
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		18x19.5 18PR A224
3.3	Dimensions of rear wheels		10R17.5 G291 GY
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	63 in
3.7	Rear wheel gauge	b11	65 in
	<b>Dimensions</b>		
4.7	Height of overhead guard (cabin)	h6	97 in
4.8	Seat height/stand height	h7	57 in
4.19	Overall length	l1	191 in
4.20	Length to face of forks	l2	144 in
4.21	Overall width	b1	81 in
4.22	Forks section x width x length	s / e / l	2 in x 6 in / 47 in
4.23	Fork carriage ISO 2328 (class/form) A/B		3A
4.24	Fork carriage width	b3	66 in
4.31	Ground clearance below mast	m1	10 in
4.32	Ground clearance at centre of wheelbase	m2	12 in
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	219 in
4.35	Turning radius	Wa	134 in
	<b>Performances</b>		
5.1	Travel speed (laden / unladen)		6 mph / 15 mph
5.2	Lifting speed (laden / unladen)		1 ft/s / 1 ft/s
5.3	Lowering speed (laden / unladen)		1 ft/s / 0.98 ft/s
5.5	Drawbar pull (Laden)		6900 daN
5.10	Service brake		Hydraulic
	<b>Engine</b>		
7.2	Engine power according to ISO 1585		55 kW
7.1	Engine brand / model		Perkins / 854F-E34T WF
7.2	Engine power according to ISO 1585		55 kW
7.3	Rated speed		2200 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 207 in³
	<b>Miscellaneous</b>		
8.2	Working hydraulic pressure for attachments		3046 PSI
8.3	Oil flow rate for attachments		26 US gpm
8.4	Sound level at the driver's ear according to DIN 12 053		76 dB

## M 40-2 - Dimensional drawing



[illegible]



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