

Technical sheet :

M 50-2



 **MANITOU**
HANDLING YOUR WORLD

	Technical characteristics		Imperial
1.1	Manufacturer		Manitou
1.2	Model Name		M 50-2
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	11023 lb
1.6	Load center of gravity	c	24 in
1.8	Load distance, centre of drive axle to fork	x	30 in
1.9	Wheelbase	y	81 in
	Weight		
2.1	Service weight		18221 lb
2.2	Weight on front axle (laden) / rear axle (laden)		25607 lb / 3660 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		7242 lb / 11001 lb
	Wheels		
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		18-19,5 18PR A324
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
	Dimensions		
4.7	Height of overhead guard (cabin)	h6	97 in
4.8	Seat height/stand height	h7	57 in
4.19	Overall length	l1	195 in
4.20	Length to face of forks	l2	148 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		4A
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	222 in
4.35	Turning radius	Wa	136 in
	Performances		
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
	Engine		
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		4
	Miscellaneous		
8.2	Working hydraulic pressure for attachments		3336 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 50-2 - Dimensional drawing



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