Technical sheet:

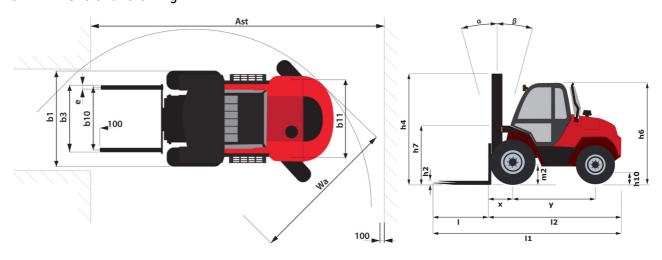
## M 40-4





		FI TO T Cleate	d 011 April 20, 2024 at 12.02.02 Aivi
	Technical characteristics		Imperial
1.1	Manufacturer		Manitou
1.2	Model Name		M 40-4
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	у	83 in
	Weight		
2.1	Service weight		15355 lb
2.2	Weight on front axle (laden) / rear axle (laden)		19864 lb / 4310 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		5787 lb / 9568 lb
2.0	Wheels		3707 10 7 3300 10
3.1			Pneumatic
	Tires type Dimensions of front wheels		18-22.5 MPT06
3.2			
3.3	Dimensions of rear wheels		340/80 R18 XMCL
3.5	Number of front wheels / rear wheels		2/2
3.5.2	Number of drive wheels		4
3.6	Front wheel gauge	b10	64 in
3.7	Rear wheel gauge	b11	69 in
	Dimensions		
4.7	Height of overhead guard (cabin)	h6	98 in
4.8	Seat height/stand height	h7	58 in
1.19	Overall length	l1	191 in
4.20	Length to face of forks	I2	144 in
4.21	Overall width	b1	82 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
1.31	Ground clearance below mast	m1	12 in
1.32	Ground clearance at centre of wheelbase	m2	15 in
1.34	Aisle width for 800 x 1200 pallet lengthways	Ast	265 in
1.35	Turning radius	Wa	180 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)		1020 daN
5.10	Service brake		Hydraulic
	Engine		74.44.4
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 in <sup>3</sup>
7.4	Miscellaneous		4 - 207 III-
8.2			2046 DOI
	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 40-4 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 35	FVD 37	FVD 40	FVD 45	FVD 50
Mast/fork carriage tilt, forward °		15	15	15	15	15	15	15
Mast/fork carriage tilt, backward	۰	15	15	15	15	15	15	15
h1 - Mast lowered height	in	95.5	101.4	105.3	109.3	115.2	125	134.8
h4 - Mast extended height	in	156.6	168.4	176.3	184.1	195.9	215.6	235.3
Residual capacity at max height	lb	8818	8818	8818	8818	8818	8818	8378
Residual capacity with integrated side shift at max heigth	lb	8818	8818	8818	8818	8818	8818	7496
Height at max capacity	in	98.4	98.4	98.4	98.4	98.4	98.4	98.4

Free Lift Triplex (FLT)		FLT 37	FLT 40	FLT 43	FLT 45	FLT 47	FLT 50	FLT 55	FLT 60
Mast/fork carriage tilt, forward	۰	15	15	15	15	15	15	15	15
Mast/fork carriage tilt, backward	۰	15	15	15	15	15	15	15	15
h1 - Mast lowered height	in	85.6	89.6	93.5	96.5	98.8	103.3	109.3	116.1
h2 - Mast free lift	in	49.5	49.5	57.4	60.4	62.7	67.2	73.1	80
h4 - Mast extended height	in	184.1	195.6	207.4	215.2	223.1	234.9	254.6	274.3
Residual capacity at max height	lb	8818	8818	8818	8818	8378	8157	7055	5732
Residual capacity with integrated side shift at max heigth	lb	8818	8818			7496	7275	6393	5181
Residual capacity with hooked-on side shift at max heigth	lb			8818	8818				
Height at max capacity	in	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4





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