Technical sheet:

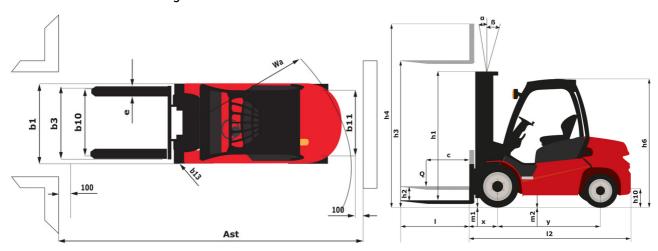
MI 40 G





		MI TO C OTCUR	ed on April 18, 2024 at 3:11:47 Aiv
	Technical characteristics		Imperial
1.1	Manufacturer		Manitou
.2	Model Name		MI 40 G
.3	Power source		Lpg
.4	Operator type		Seated
1.5	Max. capacity	Q	8818 lb
.6	Load center of gravity	С	20 in
1.8	Load distance, centre of drive axle to fork	x	22 in
1.9	Wheelbase	у	79 in
	Weight		
2.1	Service weight		13889 lb
2.2	Weight on front axle (laden) / rear axle (laden)		19842 lb / 2866 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		6173 lb / 7716 lb
	Wheels		
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		300-15 18PR
3.3	Dimensions of rear wheels		7.00-12-12PR
3.5	Number of front wheels / rear wheels		2/2
.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	46 in
3.7	Rear wheel gauge	b11	44 in
	Dimensions		
4.7	Height of overhead guard (cabin)	h6	94 in
4.8	Seat height/stand height	h7	54 in
.12	Height of towing bar (coupling height)	h10	18 in
.19	Overall length	11	169 in
.20	Length to face of forks	12	121 in
1.21	Overall width	b1	55 in
.21	Overall width - Single wheels	b1	55 in
.22	Forks section / width / length	s / e / l	2 in x 5 in x 48 in
1.23	Fork carriage ISO 2328 (class/form) A/B		3A
1.24	Fork carriage width	b3	49 in
1.31	Ground clearance below mast	m1	7 in
1.32	Ground clearance at centre of wheelbase	m2	9 in
.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	183 in
.34	Aisle width for 800 x 1200 pallet lengthways	Ast	188 in
.35	Turning radius	Wa	109 in
.36	Internal turning radius (over tyres)	b13	5 in
.00	Performances	510	o iii
5.1	Travel speed (laden / unladen)		14 mph-15 mph
5.2	Lifting speed (laden / unladen)		2 ft/s-2 ft/s
5.3	Lowering speed (laden / unladen)		2 ft/s-2 ft/s
5.5	Drawbar pull (Laden / Unladen)		3800 daN / 2200 daN
5.7	Gradeability (laden / unladen)		24 % / 37 %
5.10	Service brake		
. 10			Hydraulic
7 1	Engine Engine brand / model		PSI / 4,3 L
7.1			
7.2	Engine power according to ISO 1585		74 kW
7.3	Rated speed		2300 rpm
7.4	Number of cylinders / Capacity of cylinders		6 - 262 in³
0.0	Miscellaneous		2204 POL
8.2	Working hydraulic pressure for attachments		2321 PSI
8.3	Oil flow rate for attachments		24 US gpm < 83 dB

MI 40 G - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 35	FVD 37	FVD 40	FVD 45	FVD 50
Mast/fork carriage tilt, forward	۰	6	6	6	6	6	6
Mast/fork carriage tilt, backward	۰	12	12	12	12	12	12
h1 - Mast lowered height	in	94.3	98.2	102.2	110	120.9	131.7
h2 - Mast free lift	in	6.3	6.3	6.3	6.3	6.3	6.3
h3 - Mast lifting height	in	129.9	137.8	145.7	157.5	177.2	196.9
h4 - Mast extended height	in	176	183.9	191.7	203.5	223.2	242.9
Residual capacity at max height	lb	8818	8818	8818	8818	8157	7055
Residual capacity with integrated side shift at max heigth	lb	8818	8818	8818	8818	7937	6834
Height at max capacity	in	129.9	137.8	145.7	157.5	157.5	157.5
Height at max capacity with integrated	in	129.9	137.8	145.7	157.5	157.5	157.5

Free Lift Duplex (FLD)		FLD 30	FLD 33	FLD 35	FLD 37
Mast/fork carriage tilt, forward	٠	6	6	6	6
Mast/fork carriage tilt, backward	۰	12	12	12	12
h1 - Mast lowered height	in	87.6	93.5	97.5	101.4
h2 - Mast free lift	in	53.7	59.6	63.5	67.5
h3 - Mast lifting height	in	118.1	129.9	137.8	145.7
h4 - Mast extended height	in	164.2	176	183.9	191.7
Residual capacity at max height	lb	8818	8818	8818	8818
Residual capacity with integrated side shift at max heigth	lb	8818	8818	8818	8818
Height at max capacity	in	118.1	129.9	137.8	145.7
Height at max capacity with integrated sideshift	in	118.1	129.9	137.8	145.7

Free Lift Triplex (FLT)		FLT 40	FLT 43	FLT 45	FLT 47	FLT 50	FLT 55	FLT 60
Mast/fork carriage tilt, forward	٠	6	6	6	6	6	3	3
Mast/fork carriage tilt, backward	۰	12	6	6	6	6	6	6
h1 - Mast lowered height	in	81.9	85.8	88.5	90.9	94.9	101.4	109.8
h2 - Mast free lift	in	48.4	52.3	54.9	57.4	61.4	67.9	76.3
h3 - Mast lifting height	in	157.5	169.3	177.2	185	196.9	216.5	236.2
h4 - Mast extended height	in	203.5	215.4	223.8	231.1	242.9	262.6	282.7
Residual capacity at max height	lb	8818	8598	7716	7275	6834	6173	5071
Residual capacity with integrated side shift at max heigth	lb	8598	8378	7496	7055	6614	5952	4850
Height at max capacity	in	157.5	157.5	157.5	157.5	157.5	157.5	157.5





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