Technical sheet:

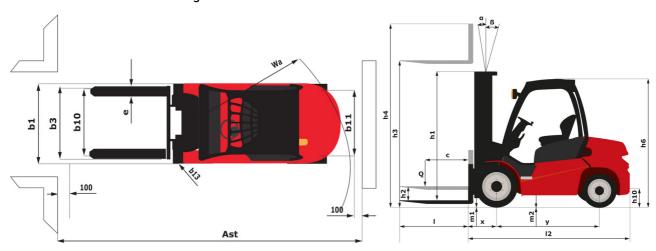
MI 25 G US





		MI 25 G US G G	aled Off May 7, 2024 at 9.40.11 AM OT
	Technical characteristics		Imperial
1.1	Manufacturer		Manitou
1.2	Model Name		MI 25 G
1.3	Power source		Lpg
1.4	Operator type		Seated
1.5	Max. capacity	Q	5512 lb
1.6	Load center of gravity	С	20 in
1.8	Load distance, centre of drive axle to fork	X	18 in
1.9	Wheelbase	у	63 in
	Weight		
	Standard mast reference of the machine		FVD 33
2.1	Service weight		8587 lb
2.2	Weight on front axle (laden) / rear axle (laden)		12489 lb / 1609 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		3671 lb / 4916 lb
	Wheels		
3.1	Tires type		Solid tires
3.2	Dimensions of front wheels		7.00-12 12
3.3	Dimensions of rear wheels		6.00-9 10
3.5	Number of front wheels / rear wheels		2/2
3.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	38 in
3.7	Rear wheel gauge	b11	38 in
0.7	Dimensions	511	00 III
4.7	Height of overhead guard (cabin)	h6	83 in
4.8	Seat height/stand height	h7	47 in
4.12	Height of towing bar (coupling height)	h10	14 in
4.19	Overall length	I1	145 in
4.20	Length to face of forks	12	100 in
4.21	Overall width	b1	45 in
4.21		b1	45 in
4.21	Overall width - Single wheels Forks section / width / length	s / e / l	2 in x 5 in x 45 in
4.22	-	57 67 1	2 III X 3 III X 43 III
4.23	Fork carriage ISO 2328 (class/form) A/B	b3	41 in
	Fork carriage width		5 in
4.31	Ground clearance below mast	m1	
4.32	Ground clearance at centre of wheelbase	m2	7 in
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	155 in
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	163 in
4.35	Tuming radius	Wa	89 in
4.36	Internal turning radius (over tyres)	b13	6 in
F 1	Performances The second (leader (well-alex))		10 mm h 10 mm h
5.1	Travel speed (laden / unladen)		12 mph-12 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)		1700 daN / 1040 daN
5.7	Gradeability (laden / unladen)		20 % / 20 %
5.10	Service brake		Hydraulic
	Engine		227 () 11
7.1	Engine brand / model		GCT (ex-Nissan) / K25
7.2	Engine power according to ISO 1585		46 kW
7.3	Rated speed		2400 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 152 in³
	Miscellaneous		
8.2	Working hydraulic pressure for attachments		2321 PSI
8.3	Oil flow rate for attachments		19 US gpm
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 80 dB
8.4	Sound level at the driver's ear according to DIN 12 053		80 dB

MI 25 G US - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 37	FVD 40
Mast/fork carriage tilt, forward	۰	6	6	6
Mast/fork carriage tilt, backward	۰	12	12	12
h1 - Mast lowered height	in	86	95.9	103.7
h2 - Mast free lift	in	5.5	5.5	5.5
h3 - Mast lifting height	in	129.9	145.7	157.5
h4 - Mast extended height	in	155.9	171.7	183.5
Residual capacity at max height	lb	5512	5512	5512
Residual capacity with integrated side shift at max heigth	lb	5512	5512	5512
Residual capacity with hooked-on side shift at max heigth	lb	5512		
Height at max capacity	in	129.9	145.7	157.5
Height at max capacity with integrated sideshift	in	129.9	145.7	157.5

Free Lift Duplex (FLD)		FLD 33	FLD 37	FLD 40
Mast/fork carriage tilt, forward	۰	6	6	6
Mast/fork carriage tilt, backward	۰	12	12	12
h1 - Mast lowered height	in	85	92.9	100.8
h2 - Mast free lift	in	58.3	66.1	74
h3 - Mast lifting height	in	129.9	145.7	157.5
h4 - Mast extended height	in	156.7	170.5	184.3
Residual capacity at max height	lb	5512	5512	5512
Residual capacity with integrated side shift at max heigth	lb	5512	5512	5512
Height at max capacity	in	129.9	145.7	157.5
Height at max capacity with integrated sideshift	in	129.9	145.7	157.5

Free Lift Triplex (FLT)		FLT 43	FLT 45	FLT 47	FLT 48	FLT 50	FLT 55	FLT 60	FLT 65
Mast/fork carriage tilt, forward		6	6	6	6	6	3	3	3
Mast/fork carriage tilt, backward	۰	6	6	6	6	6	6	6	6
h1 - Mast lowered height	in	82.7	84.6	86.6	88.6	90.6	98.4	108.3	114.2
h2 - Mast free lift	in	55.1	57.9	59.8	61.8	63.8	71.7	81.5	86.6
h3 - Mast lifting height	in	169.3	177.2	185	189	196.9	216.5	236.2	255.9
h4 - Mast extended height	in	196.9	205.9	211.8	215.7	223.6	243.3	265	283.5
Residual capacity at max height	lb	5291	5181	4850	4850	4299	3638	2315	2205
Residual capacity with integrated side shift at max heigth	lb	5181	5071	4740	4740	4189	3527	2205	2094
Height at max capacity	in	157.5	157.5	157.5	157.5	157.5	157.5	157.5	98.4
Height at max capacity with integrated sideshift	in	157.5	157.5	157.5	157.5	157.5	157.5	157.5	





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