Technical sheet :



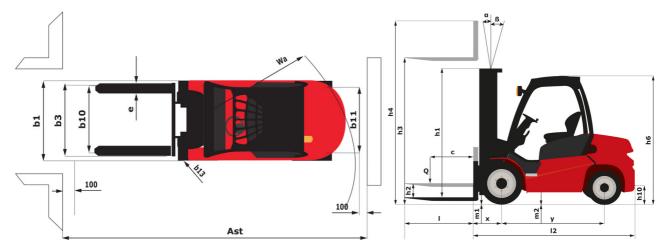




.1	Technical characteristics Manufacturer
.2 .3	Model Name
	Power source
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Load distance, centre of drive axle to fork
1.9	Wheelbase
	Weight
2.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
3.1	Tires type
3.2	Dimensions of front wheels
3.3	Dimensions of rear wheels
3.5	Number of front wheels / rear wheels
3.5.2	Number of drive wheels
3.6	Front wheel gauge
3.7	Rear wheel gauge
	Dimensions
4.7	Height of overhead guard (cabin)
4.8	Seat height/stand height
4.12	Height of towing bar (coupling height)
4.19	Overall length
4.20	Length to face of forks
4.21	Overall width
4.21	Overall width - Single wheels
4.22	Forks section / width / length
4.23	Fork carriage ISO 2328 (class/form) A/B
4.24	Fork carriage width
4.31	Ground clearance below mast
4.32	Ground clearance at centre of wheelbase
4.33	Aisle Width for pallets 1000 x 1200 crossways
4.34	Aisle width for 800 x 1200 pallet lengthways
4.35	Turning radius
4.36	Internal turning radius (over tyres)
	Performances
5.1	Travel speed (laden / unladen)
5.2	Lifting speed (laden / unladen)
5.3	Lowering speed (laden / unladen)
5.5	Drawbar pull (Laden / Unladen)
5.7	Gradeability (laden / unladen)
5.10	Service brake
	Engine
7.1	Engine brand / model
7.2	Engine power according to ISO 1585
7.3	Rated speed
7.4	Number of cylinders / Capacity of cylinders
	Miscellaneous
8.2	Working hydraulic pressure for attachments
8.3	Oil flow rate for attachments
8.4	Measured/guaranteed mean noise level at the ear of the operator
0.4	Sound level at the driver's ear according to DIN 12 053

## Manitou MI 20 G Lpg Seated 4409 lb 20 in 18 in 63 in 7981 lb 10869 lb / 1521 lb 3792 lb / 4189 lb Solid tires 7.00-12 12 6.00-9 10 2/2 2 38 in 38 in 83 in 47 in 0 14 in 142 in 97 in 45 in 45 in e/1 2 in x 5 in x 45 in 2A 41 in 1 5 in 7 in t 152 in 160 in 87 in 6 in 12 mph-12 mph 2 ft/s-2 ft/s 2 ft/s-2 ft/s 1680 daN / 1040 daN 20 % / 20 % Hydraulic GCT (ex-Nissan) / K25 35 kW 2400 rpm 4 - 152 in<sup>3</sup> 2321 PSI 19 US gpm < 80 dB 80 dB

## MI 20 G - 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	٥	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	4409	4409	4409
Residual capacity with integrated side shift at max heigth	lb	4409	4409	4409
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		6	6	6
Mast/fork carriage tilt, backward		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	4409	4409	4409
Residual capacity with integrated side shift at max heigth	Ib	4409	4409	4409
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	4079	3968	3858	3858	3748	2866	1984	1764
Residual capacity with integrated side shift at max heigth	lb	3858	3748	3638	3638	3527	2646	1764	1543
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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