Technical sheet :



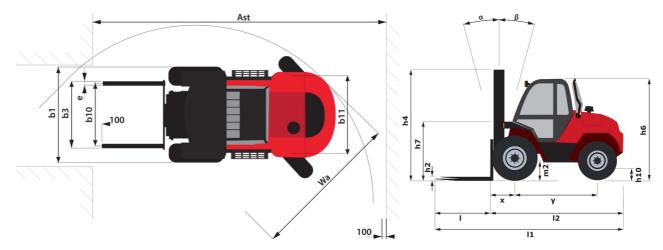




	Technical characteristics
1.1	Manufacturer
1.2	Model Name
1.3	Power source
1.4	Operator type
1.5	Max. capacity
.6	Load center of gravity
1.8	Load distance, centre of drive axle to fork
.9	Wheelbase
	Weight
.1	Service weight
.2	Weight on front axle (laden) / rear axle (laden)
.3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
.1	Tires type
2	Dimensions of front wheels
.3	Dimensions of rear wheels
.5	Number of front wheels / rear wheels
5.2	Number of drive wheels
.6	Front wheel gauge
3.7	Rear wheel gauge
	Dimensions
7	Height of overhead guard (cabin)
.8	Seat height/stand height
19	Overall length
20	Length to face of forks
21	Overall width
22	Forks section x width x length
23	Fork carriage ISO 2328 (class/form) A/B
24	Fork carriage width
31	Ground clearance below mast
32	Ground clearance at centre of wheelbase
34	Aisle width for 800 x 1200 pallet lengthways
35	Tuming radius
	Performances
1	Travel speed (laden / unladen)
2	Lifting speed (laden / unladen)
}	Lowering speed (laden / unladen)
5	Drawbar pull (Laden)
10	Service brake
	Engine
2	Engine power according to ISO 1585
	Engine brand / model
1 2	Engine power according to ISO 1585
3	Rated speed
.4	Number of cylinders / Capacity of cylinders
	Miscellaneous
2	Working hydraulic pressure for attachments
3	Oil flow rate for attachments
4	Sound level at the driver's ear according to DIN 12 053

M 40-	∠ Created on April 25, 2024 at 5:59:18 AM UTC
	Imperial
	Manitou
	M 40-2
	Diesel
	Seated
Q	8818 lb
с	20 in
х	30 in
у	81 in
	15245 lb
	20007 lb / 4057 lb
	5787 lb / 9458 lb
	Pneumatic
	18x19.5 18PR A224
	10R17.5 G291 GY
	2 / 2
	2
b10	63 in
b11	65 in
h6	97 in
h7	57 in
11	191 in
12	144 in
b1	81 in
s / e / l	2 in x 6 in / 47 in
	3A
b3	66 in
m1	10 in
m2	12 in
Ast	219 in
Wa	134 in
	Cruck / 15 mmh
	6 mph / 15 mph 1 ft/s / 1 ft/s
	1 ft/s / 0.98 ft/s
	6900 daN
	Hydraulic
	пушашис
	55 kW
	Perkins / 854F-E34T WF
	55 kW
	2200 rpm
	4 - 207 in <sup>3</sup>
	3046 PSI
	26 US gpm
	76 dB

## M 40-2 - 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	۰	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	٥	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	183.7	195.6	207.4	215.2	223.1	234.9	266.4	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	8818	8818	7496	7275	6393	5181
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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