Technical sheet:

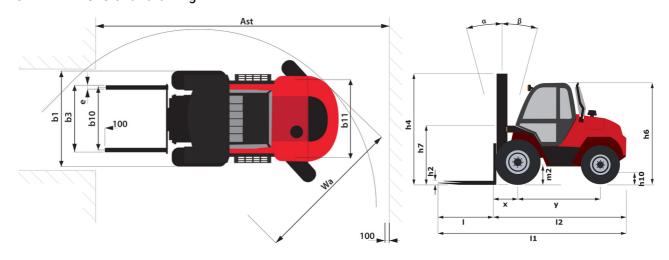
## M 70-2 H





				1 May 8, 2024 at 12.38.34 AN
	Technical characteristics		Metric	Imperial
1.1	Manufacturer		Manitou	Manitou
1.2	Model Name		M 70-2 H	M 70-2 H
.3	Power source		Diesel	Diesel
.4	Operator type		Seated	Seated
.5	Max. capacity	Q	7000 kg	15432 lb
.6	Load center of gravity	С	600 mm	24 in
.8	Load distance, centre of drive axle to fork	х	803 mm	32 in
.9	Wheelbase	у	2493 mm	98 in
	Weight			
1	Service weight		9880 kg	21782 lb
.2	Weight on front axle (laden) / rear axle (laden)		14954 kg / 1926 kg	32968 lb / 4246 lb
.3	Weight on front axle (Unladen) / rear axle (Unladen)		4040 kg / 5840 kg	8907 lb / 12875 lb
	Wheels			
1	Tires type		Pneumatic	Pneumatic
2	Dimensions of front wheels		18R19,5 8T N 20XF	18R19,5 8T N 20XF
3	Dimensions of rear wheels		265/70R19,5 6T P30 HT3	265/70R19,5 6T P30 HT3
5	Number of front wheels / rear wheels		2 / 2	2/2
5.2	Number of drive wheels		2	2
6	Front wheel gauge	b10	1700 mm	67 in
7	Rear wheel gauge	b11	1545 mm	61 in
	Dimensions			
.7	Height of overhead guard (cabin)	h6	2475 mm	97 in
.8	Seat height/stand height	h7	1485 mm	58 in
19	Overall length	l1	5700 mm	224 in
20	Length to face of forks	12	4206 mm	166 in
21	Overall width	b1	2155 mm	85 in
22	Forks section x width x length	s / e / l	70 mm x 150 mm / 1500 mm	3 in x 6 in / 59 in
.23	Fork carriage ISO 2328 (class/form) A/B		4A	4A
.24	Fork carriage width	b3	1750 mm	69 in
.31	Ground clearance below mast	m1	300 mm	12 in
32	Ground clearance at centre of wheelbase	m2	410 mm	16 in
34	Aisle width for 800 x 1200 pallet lengthways	Ast	6703 mm	264 in
35	Turning radius	Wa	4200 mm	165 in
	Performances	, in	4200 Hilli	100 111
.1	Travel speed (laden / unladen)		11 km/h / 23 km/h	7 mph / 14 mph
.2	Lifting speed (laden / unladen)		0.32 m/s / 0.32 m/s	1 ft/s / 1 ft/s
.3	Lowering speed (laden / unladen)		0.40 m/s / 0.34 m/s	1 ft/s / 1 ft/s
.5	Drawbar pull (Laden / Unladen)		8060 daN / 2930 daN	8060 daN / 2930 daN
.7	Gradeability (laden / unladen)		45 % / 27 %	45 % / 27 %
10	Service brake		Hydraulic	Hydraulic
10	Engine		riyaladiic	Trydiadiic
.2	Engine Power according to ISO 1585		55.40 kW	55.40 kW
.1	Engine brand / model		Deutz / TD 3.6	Deutz / TD 3.6
.2	Engine brand / model Engine power according to ISO 1585		55.40 kW	55.40 kW
.3			2500 rpm	2500 rpm
.4	Rated speed		2500 rpm 4	2500 rpm 4
.4	Number of cylinders  Miccellaneous		4	4
.2	Miscellaneous		220 hav	3336 PSI
	Working hydraulic pressure for attachments		230 bar	
3.3	Oil flow rate for attachments  Sound level at the driver's ear according to DIN 12 053		80 I/min 78 dB	21 US gpm 78 dB

## M 70-2 H - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 36	FVD 40	FVD 45
Mast/fork carriage tilt, forward	٠	15	15	15
Mast/fork carriage tilt, backward	۰	15	15	15
h1 - Mast lowered height	in (mm)	124.4 (3160)	132.3 (3360)	142.1 (3610)
h4 - Mast extended height	in (mm)	195.5 (4965)	211.4 (5370)	230.9 (5865)
Residual capacity at max height	lb (kg)	15432 (7000)	15432 (7000)	15432 (7000)
Height at max capacity	in (mm)	98.4 (2500)	98.4 (2500)	98.4 (2500)





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