Technical sheet :



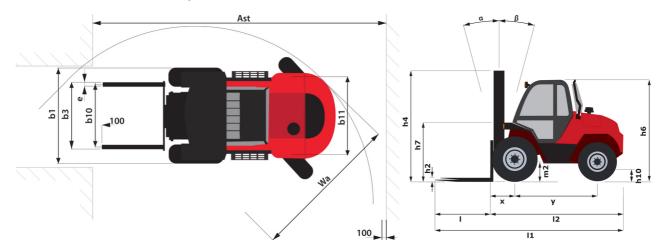




## м **то-***г* **н** Created on April 19, 2024 at 3:59:14 AM UTC

	Technical characteristics		Metric	Imperial
.1	Manufacturer		Manitou	Manitou
.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	511		<b>.</b>
.7	Height of overhead guard (cabin)	h6	2475 mm	97 in
.8	Seat height/stand height	h7	1485 mm	58 in
19	Overall length	11	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	57671	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	12 m
34	Aisle width for 800 x 1200 pallet lengthways	Ast	6703 mm	264 in
35	Turning radius	Wa	4200 mm	165 in
55	Performances	Wa da	4200 mm	103 11
.1	Travel speed (laden / unladen)		11 km/h / 23 km/h	7 mph / 14 mph
.1	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	43 % 7 27 % Hydraulic
10	Engine		Tyulaulic	Tiyulaulic
.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 power according to ISO 1585		55.40 kW	55.40 kW
.2	Rated speed		2500 rpm	2500 rpm
.3			2500 ipin 4	2500 ipm 4
.4	Number of cylinders		4	4
2	Miscellaneous		220 har	2226 001
.2	Working hydraulic pressure for attachments		230 bar	3336 PSI
.3	Oil flow rate for attachments Sound level at the driver's ear according to DIN 12 053		80 l/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	٥	15	15	15
Mast/fork carriage tilt, backward	٥	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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