Technical sheet:

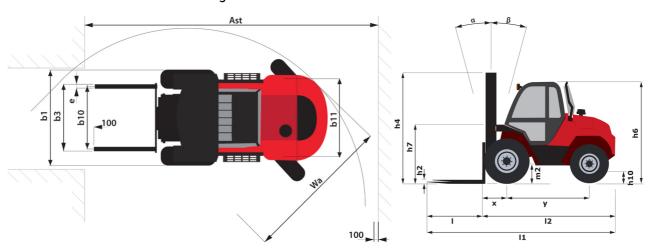
## M 70-2 H D ST5





		M 70-2 H D S I S Cledieu	on November 3, 2025 at 11:31 AM UT
	Technical characteristics		Imperial
1.1	Manufacturer		MANITOU
1.2	Model Name		M 70-2 H D ST5
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	15432 lb
1.6	Load center of gravity	c	24 in
1.8	Load distance, centre of drive axle to fork	x	32 in
1.9	Wheelbase	y	98 in
	Weight		
	Standard mast reference of the machine		FVD 40
2.1	Service weight		21782 lb
2.2	Weight on front axle (laden) / rear axle (laden)		32968 lb / 4246 lb
2.3	Weight on front axle (Inladen) / rear axle (Unladen)		8907 lb / 12875 lb
2.5	Wheels		0507 18 7 12073 18
3.1	Tires type		Inflatable
3.1	Dimensions of front wheels		18R19.5 8T N20XF
3.3	Dimensions of rear wheels		265/70R19.5 6T P30HT3
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
		h10	67 in
3.6	Front wheel gauge	b10	
3.7	Rear wheel gauge	b11	61 in
4.7	Dimensions  Height of everboard quart (cobin)	he	97 in
	Height of overhead guard (cabin)	h6 h7	58 in
4.8	Seat height/stand height		
4.19	Overall length	11	224 in
4.20	Length to face of forks	12	165 in
4.21	Overall width	b1	85 in
4.22	Forks section x width x length	s / e / l	3 in x 6 in / 59 in
4.23	Fork carriage ISO 2328 (class/form) A/B	LO.	4A
4.24	Fork carriage width	b3	69 in
4.31	Ground clearance below mast	m1	12 in
4.32	Ground clearance at centre of wheelbase	m2	16 in
4.33	Aisle width for 1000 x 1200 pallet widthways	Ast	264 in
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	264 in
4.35	Tuming radius	Wa	165 in
	Performances		
5.1	Travel speed (laden / unladen)		36 ft/s / 14 mph
5.2	Lifting speed (laden / unladen)		1 ft/s / 1 ft/s
5.3	Lowering speed (laden / unladen)		1 ft/s / 1 ft/s
5.5	Drawbar pull (Laden / Unladen)		8060 daN / 2930 daN
5.7	Gradeability (laden / unladen)		45 % / 27 %
5.10	Service brake		Hydraulic
	Transmission type		Hydrostatic
	Engine		
7.1	Engine brand / model / norm		Deutz / TD 3,6 / Stage V
7.2	Engine power (Hp / kW)		75 Hp/55.40 kW
7.3	Rated speed		2500 rpm
7.4	Number of cylinders		4
	Miscellaneous		
8.2	Working hydraulic pressure for attachments		3336 PSI
8.3	Oil flow rate for attachments		21 US gpm
8.4	Sound level at the driver's ear according to DIN 12 053		78 dB

## M 70-2 H D ST5 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 36	FVD 40	FVD 45
α - Mast/fork carriage tilt, forward	۰	15	15	15
β - Mast/fork carriage tilt, backward	۰	15	15	15
h1 - Mast lowered height	in	123.8	131.7	141.5
h3 - Mast lifting height	in	141.7		177.2
h4 - Mast extended height	in	195.3	211	230.7
Residual capacity at max height	lb	15432	15432	11023
Residual capacity with hooked-on side shift at max heigth	lb	13889	13999	8488
Height at max capacity	in	141.7	157.5	157.5





## **Head Office**

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