Technical sheet :

M 70-2 H D ST5



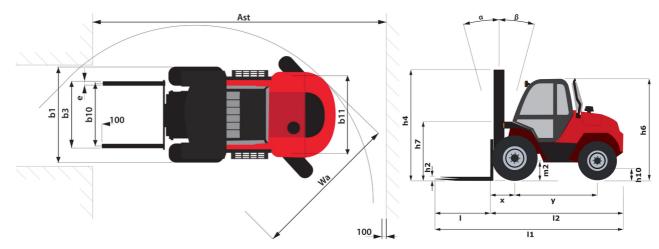


	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	c
1.8	Load distance, centre of drive axle to fork	x
1.9	Wheelbase	у
	Weight	,
	Standard mast reference of the machine	
2.1	Service weight	
2.2	Weight on front 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	b10
3.7	Rear wheel gauge	b11
	Dimensions	
4.7	Height of overhead guard (cabin)	h6
4.8	Seat height/stand height	h7
4.19	Overall length	1
4.20	Length to face of forks	12
4.21	Overall width	b1
4.22	Forks section x width x length	s / e / l
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	b3
4.31	Ground clearance below mast	m1
4.32	Ground clearance at centre of wheelbase	m2
4.33	Aisle width for 1000 x 1200 pallet widthways	Ast
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast
4.35	Turning radius	Wa
	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	
	Transmission type	
	Engine	
7.1	Engine brand / model / norm	
7.2	I.C. Engine power rating	
7.3	Rated speed	
7.4	Number of cylinders	
	Miscellaneous	
8.2	Working hydraulic pressure for attachments	
8.3	Oil flow rate for attachments	
8.4	Sound level at the driver's ear according to DIN 12 053	

мто-2 н D STS Created on July 3, 2025 at 8:52 PM UTC

	Imperial
	MANITOU
	M 70-2 H D ST5
	Diesel
	Seated
Q	15432 lb
с	24 in
х	32 in
у	98 in
	FVD 40
	21782 lb
	32968 lb / 4246 lb
	8907 lb / 12875 lb
	Inflatable
	18R19.5 8T N20XF
	265/70R19.5 6T P30HT3
	2 / 2
	2
10	67 in
11	61 in
16	97 in
17	58 in
1	224 in
2	165 in
- 01	85 in
e/l	3 in x 6 in / 59 in
	4A
03	69 in
n1	12 in
n2	16 in
st	264 in
st	264 in
Va	165 in
	36 ft/s / 14 mph
	1 ft/s / 1 ft/s
	1 ft/s / 1 ft/s
	8060 daN / 2930 daN
	45 % / 27 %
	Hydraulic
	Hydrostatic
	Deutz / TD 3,6 / Stage V
	55.40 kW
	2500 rpm
	4
	4
	3336 PSI
	21 US gpm 78 dB
	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	٥	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 B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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