Technical sheet:

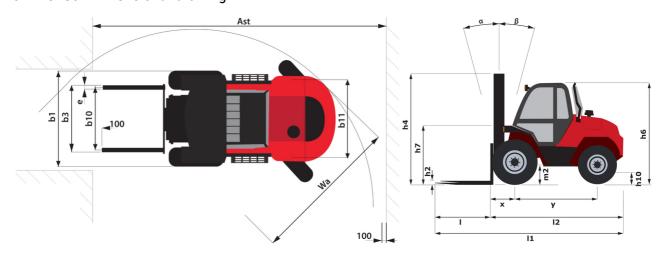
M 70-2H STG5





			M 70-2H 31 G3 Greated Off March 31, 2023 at 4:30:44 1 M 0		
	Technical characteristics		Imperial		
1.1	Manufacturer		MANITOU		
1.2	Model Name		M 70-2H STG5		
1.3	Power source		Diesel		
1.4	Operator type		Sitting		
1.5	Max. capacity	Q	15432 lb		
1.6	Load centre of gravity	С	24 in		
1.8	Load distance, centre of drive axle to fork	X	32 in		
1.9	Wheelbase	у	98 in		
	Weight				
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 (Unladen) / rear axle (Unladen)		8907 lb / 12875 lb		
	Wheels				
3.1	Tyres type		Pneumatic		
3.2	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		
3.6	Front wheel gauge	b10	67 in		
3.7	Rear wheel gauge	b11	61 in		
3.7	Dimensions	011	OT III		
4.7	Height of overhead guard (cabin)	h6	97 in		
4.8	Seat height/stand height	h7	58 in		
4.0		117	224 in		
4.19	Overall length	12			
	Length to face of forks		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	10	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	Turning radius	Wa	165 in		
	Performances				
5.1	Travel speed (laden / unladen)		36 ft/s / 14 mi/h		
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		
	Engine				
7.1	Engine brand / model / norm		Deutz / TD 3,6 / Stage V		
7.2	Engine power according to ISO 1585		55 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 70-2H STG5 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 36	FVD 40	FVD 45
h1 - Height mast lowered *	in	10' 4"	11'	11' 10"
h4 - Height mast extended *	in	16'3"	17' 7"	19' 3"
h3 - Max. lifting height	in	11' 10"	13' 1"	14' 9"
α / β - Mast inclination (front / rear)	۰	15 / 15	15 / 15	15 / 15
Residual capacity at max height	lb	15432.36	15432.36	14330.05
Residual capacity with hooked-on side shift (Industrial load chart)	lb	13889.12	14109.58	12897.04
Height at max capacity	in	11' 10"	13' 1"	13' 1"





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



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes