Technical sheet :

## **M 70-2 H D ST5**



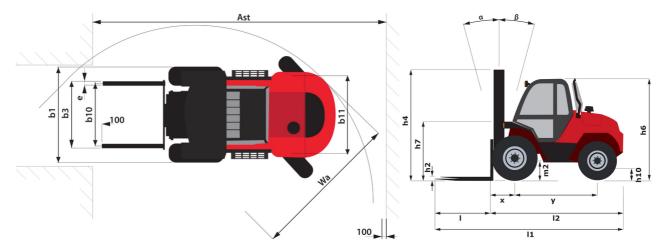


MANITOU M 70-2 H D ST5 Diesel Seated 7000 kg

	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)	
2.5	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	
3.5.2	Front wheel gauge	b10
3.7		
3.7	Rear wheel gauge Dimensions	b11
4.7		hć
4.7	Height of overhead guard (cabin)	h6 h7
4.8	Seat height/stand height	
4.19	Overall length	11
4.20	Length to face of forks	12
4.21 4.22	Overall width	b1
	Forks section x width x length	s / e / l
4.23	Fork carriage ISO 2328 (class/form) A/B	h0
4.24 4.31	Fork carriage width Ground clearance below mast	b3
4.31	Ground clearance below mast	m1 m2
4.33 4.34	Aisle width for 1000 x 1200 pallet widthways	Ast
4.34	Aisle width for 800 x 1200 pallet lengthways	Wa
4.35	Turning radius	wa
5.1	Performances	
5.1	Travel speed (laden / unladen)	
	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.5 5.7	Drawbar pull (Laden / Unladen)	
	Gradeability (laden / unladen)	
5.10	Service brake	
	Transmission type	
7.1	Engine	
7.1	Engine brand / model / norm	
7.2	I.C. Engine power rating	
7.3	Rated speed	
7.4	Number of cylinders	
0.0	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	

	(00)					
С	600 mm					
х	803 mm					
у	2493 mm					
	FVD 40					
	9880 kg					
	14954 kg / 1926 kg					
	4040 kg / 5840 kg					
	Inflatable					
	18R19.5 8T N20XF					
	265/70R19.5 6T P30HT3					
	2/2					
	2					
b10	1700 mm					
b10	1545 mm					
DII	1545 11111					
h.C.	0475					
h6	2475 mm					
h7	1485 mm					
11	5700 mm					
12	4200 mm					
b1	2155 mm					
s / e / l	70 mm x 150 mm / 1500 mm					
	4A					
b3	1750 mm					
m1	300 mm					
m2	410 mm					
Ast	6703 mm					
Ast	6703 mm					
Wa	4200 mm					
	11 m/s / 23 km/h					
	0.32 m/s / 0.32 m/s					
	0.40 m/s / 0.34 m/s					
	8060 daN / 2930 daN					
	45 % / 27 %					
	Hydraulic					
	Hydrostatic					
	Deutz / TD 3.6 / Stage V					
	Deutz / TD 3,6 / Stage V 55.40 kW					
	55.40 kW					
	55.40 kW 2500 rpm					
	55.40 kW					
	55.40 kW 2500 rpm 4					
	55.40 kW 2500 rpm 4 230 bar					
_	55.40 kW 2500 rpm 4					

## 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
$\beta$ - Mast/fork carriage tilt, backward	۰	15	15	15
h1 - Mast lowered height	mm	3145	3345	3595
h3 - Mast lifting height	mm	3600		4500
h4 - Mast extended height	mm	4960	5360	5860
Residual capacity at max height	kg	7000	7000	5000
Residual capacity with hooked-on side shift at max heigth	kg	6300	6350	3850
Height at max capacity	mm	3600	4000	4000



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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