Technical sheet:

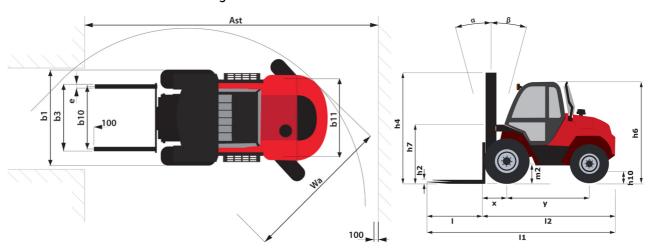
M 70-2 H D ST5





		м 70-2 н D ST5 Created on January 2, 2025 at 3:46 PM UTC		
	Technical characteristics		Metric	
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	7000 kg	
1.6	Load center of gravity	C	600 mm	
1.8	Load distance, centre of drive axle to fork	x	803 mm	
1.9	Wheelbase	V	2493 mm	
	Weight	,	2170 111111	
	Standard mast reference of the machine		FVD 40	
2.1	Service weight		9880 kg	
2.2	Weight on front axle (laden) / rear axle (laden)		14954 kg / 1926 kg	
2.3	Weight on front axle (Inladen) / rear axle (Unladen)			
2.3	Wheels		4040 kg / 5840 kg	
0.1			Do sum sakin	
3.1	Tires 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	1700 mm	
3.7	Rear wheel gauge	b11	1545 mm	
	Dimensions			
4.7	Height of overhead guard (cabin)	h6	2475 mm	
4.8	Seat height/stand height	h7	1485 mm	
4.19	Overall length	l1	5700 mm	
4.20	Length to face of forks	12	4200 mm	
4.21	Overall width	b1	2155 mm	
4.22	Forks section x width x length	s / e / l	70 mm x 150 mm / 1500 mm	
4.23	Fork carriage ISO 2328 (class/form) A/B		4A	
4.24	Fork carriage width	b3	1750 mm	
4.31	Ground clearance below mast	m1	300 mm	
4.32	Ground clearance at centre of wheelbase	m2	410 mm	
4.33	Aisle width for 1000 x 1200 pallet widthways	Ast	6703 mm	
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	6703 mm	
4.35	Turning radius	Wa	4200 mm	
	Performances			
5.1	Travel speed (laden / unladen)		11 m/s / 23 km/h	
5.2	Lifting speed (laden / unladen)		0.32 m/s / 0.32 m/s	
5.3	Lowering speed (laden / unladen)		0.40 m/s / 0.34 m/s	
5.5	Drawbar pull (Laden / Unladen)		8060 daN / 2930 daN	
5.7	Gradeability (laden / unladen)		45 % / 27 %	
5.10	Service brake		Hydraulic	
0.10	Engine		Thydiadile	
7.2	I.C. Engine power rating		55.40 kW	
7.1	Engine brand / model / norm		Deutz / TD 3,6 / Stage V	
7.1	Rated speed		2500 rpm	
	·		•	
7.4	Number of cylinders		4	
0.0	Miscellaneous		2005	
8.2	Working hydraulic pressure for attachments		230 bar	
8.3	Oil flow rate for attachments		80 l/min	
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	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





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