Technical sheet :

MH 25 3B - FT4





Manitou MH 25 3B - FT4 Diesel Seated 5512 lb 20 in 25 in 71 in 9392 lb 12813 lb / 2090 lb 3858 lb / 5534 lb Inflatable 280/80 R20 XMCL27,10 - 12 IC 30 14PR 27,10 - 12 IC 30 14PR 2/2 4 46 in 46 in 83 in 40 in 159 in 116 in 57 in 2 in x 4 in / 43 in 2A 50 in 10 in 10 in 208 in 129 in 9 mph / 9 mph 1 ft/s / 2 ft/s 2 ft/s / 1 ft/s 3550 daN / 3550 daN 50 % / 48 % Hydraulic 48.60 kW Kubota / V2403 CR TE4 48.60 kW 2700 rpm 4 - 149 in³

> 2466 PSI 20 US gpm

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	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	y v	
1.9	Weight	y	
2.1	Service weight		
2.1	Weight on front axle (laden) / rear axle (laden)		
2.2	Weight on front axle (laden) / rear axle (laden) Weight on front axle (Unladen) / rear axle (Unladen)		
2.3	, . ,		
0.1	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	11	
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	
4.34	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		
	Engine		
7.2	Engine power according to ISO 1585		
7.1	Engine brand / model		
7.2	Engine power according to ISO 1585		
7.2	Rated speed		
7.3	· ·		
7.4	Number of cylinders / Capacity of cylinders		
0.0	Miscellaneous		
8.2	Working hydraulic pressure for attachments		
8.3	Oil flow rate for attachments		

Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 27	FVD 30	FVD 33	FVD 35	FVD 37	FVD 40	FVD 45	FVD 50	FVD 55	FVD 60
Mast/fork carriage tilt, forward	۰	10	10	10	10	10	10	10	6	6	6
Mast/fork carriage tilt, backward	۰	12	12	12	12	12	12	12	6	6	6
h1 - Mast lowered height	in	78.5	84.4	90.4	94.3	100.6	108.1	117.9	127.8	137.6	149
h2 - Mast free lift	in	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
h4 - Mast extended height	in	139	150.8	160.2	170.5	178.4	190.2	209.9	229.6	249.3	268.9
Residual capacity at max height	lb	5512	5512	5512	4189	4189	3417	2425			
Height at max capacity	in	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

Free Lift Triplex (FLT)		FLT 37	FLT 40	FLT 43	FLT 47	FLT 50	FLT 55	FLT 60	FLT 65	FLT 70
Mast/fork carriage tilt, forward	۰	10	10	10	10	6	6	6	6	6
Mast/fork carriage tilt, backward	۰	12	12	12	12	6	6	6	6	6
h1 - Mast lowered height	in	76.6	80.5	84.4	90.4	94.3	100.6	108.1	117.9	127.8
h2 - Mast free lift	in	48.1	52	55.9	61.9	65.8	72.1	79.6	89.4	99.3
h4 - Mast extended height	in	175.9	187.8	199.6	215.3	227.1	246.8	266.5	286.2	305.9
Residual capacity at max height	lb	4189	3417	2756	2205		1543			
Height at max capacity	in	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4



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