Technical sheet :

## **M 40-4 D ST5**

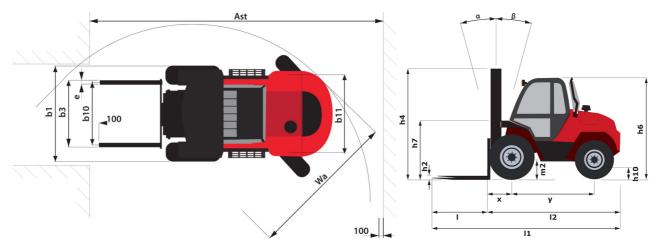




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	С
1.8	Load distance, centre of drive axle to fork	x
1.9	Wheelbase	у
	Weight	
	Standard mast reference of the machine	
2.1	Service weight	
2.2	Weight on front 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) / Overall height of low overhead guard (Buggie version)	h6 / 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 /
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)	
5.10	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 / Capacity 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	

## **M 40-4 D ST5** Created on August 1, 2025 at 10:53 PM UTC MANITOU M 40-4 D ST5 Diesel Seated 4000 kg 500 mm 763 mm 2120 mm FVD 37 6965 kg 9010 kg / 1955 kg 2625 kg / 4340 kg Pneumatic 18-22,5 MPT-06 340/80 R18 XMCL 2/2 4 1620 mm 1740 mm h6\* 2486 mm / 2486 mm 1455 mm 4858 mm 3658 mm 2080 mm e/1 50 mm x 150 mm / 1200 mm ЗA 1670 mm 1 300 mm 426 mm st 6732 mm 6732 mm 4570 mm 10 km/h / 22 km/h 0.40 m/s / 0.40 m/s 0.50 m/s / 0.40 m/s 11000 daN / 6600 daN Hydraulic Torque converter Deutz / TCD 2,9 / Stage V 55 kW 2300 rpm 4 - 2925 cm<sup>3</sup> 210 bar 97 l/min 76 dB

## M 40-4 D ST5 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 35	FVD 37	FVD 40	FVD 45	FVD 50
α - Mast/fork carriage tilt, forward	۰	15	15	15	15	15	10
$\beta$ - Mast/fork carriage tilt, backward	۰	15	15	15	15	15	15
h1 - Mast lowered height	mm	2670	2770	2870	3020	3270	3520
h3 - Mast lifting height	mm	3300	3500	3700	4000	4500	5000
Residual capacity at max height	kg	4000	4000	4000	4000		
Residual capacity with hooked-on side shift at max heigth	kg	4000	4000	4000	4000		
Height at max capacity	mm	3300	3500	3700	4000	2500	2500
Height at max capacity with hooked-on sideshift	mm	3300	3500	3700	4000		

Free Lift Triplex (FLT)		FLT 43	FLT 45	FLT 47	FLT 50	FLT 55	FLT 60
α - Mast/fork carriage tilt, forward	٥	15	15	15	10	10	10
β - Mast/fork carriage tilt, backward		15	15	15	15	15	15
h1 - Mast lowered height	mm	2470	2545	2605	2720	2870	3045
h2 - Mast free lift	mm	1455	1530	1590	1705	1855	2030
h3 - Mast lifting height	mm	4300	4500	4700	5000	5500	6000
Residual capacity at max height	kg	4000	4000				
Residual capacity with hooked-on side shift at max heigth	kg		3800		3100	2000	
Height at max capacity	mm	4300	4500	2500	2500	2500	2500
Height at max capacity with hooked-on sideshift	mm		4000		3700	3700	



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