Technical sheet :

M 40-4 D ST5

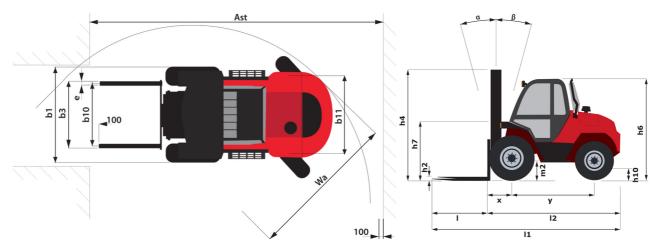




		M 40-4 D
	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	c
1.8	Load distance, centre of drive axle to fork	x
1.9	Wheelbase	у
	Weight	,
	Standard mast reference of the machine	
2.1	Service weight	
2.2	Weight 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	
3.6	Front wheel gauge	b10
3.7	Rear wheel gauge	b10
3.7	Dimensions	UTI
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h
4.7	Seat height/stand height	h7
4.0 1.19		17
4.19 4.20	Overall length	2
1.20 1.21	Length to face of forks	b1
	Overall width	
.22	Forks section x width x length	s / e .
.23	Fork carriage ISO 2328 (class/form) A/B	b3
	Fork carriage width	
1.31	Ground clearance below mast	m1
l.32 l.33	Ground clearance at centre of wheelbase	m2
4.33 4.34	Aisle width for 1000 x 1200 pallet widthways	Ast
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast Wa
4.30	Turning radius Performances	Wa
E 1		
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3 5.5	Lowering speed (laden / unladen)	
	Drawbar pull (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 / 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	

	Metric
	MANITOU
	M 40-4 D ST5
	Diesel
	Seated
Q	4000 kg
с	500 mm
х	763 mm
у	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
10	1620 mm
11	1740 mm
/ h6*	2486 mm / 2486 mm
זי	1455 mm
1	4858 mm
12	3658 mm
o1	2080 mm
e / I	50 mm x 150 mm / 1200 mm
	3A
53	1670 mm
n1	300 mm
n2	426 mm
st	6732 mm
st	6732 mm
Va	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 cm³
	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
β - 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 °		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	



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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