Technical sheet :

M 40-4 D ST5

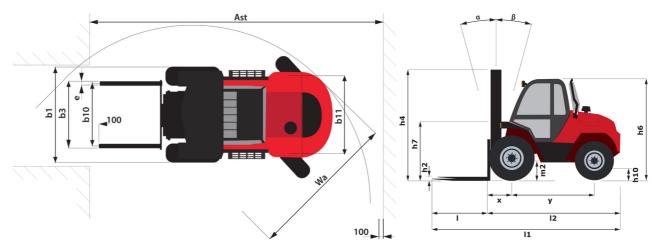




	Technical characteristics
1.1	Manufacturer
1.2	Model Name
1.3	Power source
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Load distance, centre of drive axle to fork
1.0	Wheelbase
1.5	Weight
2.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front axle (Unladen) / rear axle (Unladen)
2.3	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
3.7	Rear wheel gauge
4.7	Dimensions
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)
4.8	Seat height/stand height
1.19	Overall length
1.20	Length to face of forks
4.21	Overall width
4.22	Forks section x width x length
4.23	Fork carriage ISO 2328 (class/form) A/B
4.24	Fork carriage width
4.31	Ground clearance below mast
4.32	Ground clearance at centre of wheelbase
1.33	Aisle width for 1000 x 1200 pallet widthways
4.34 4.35	Aisle width for 800 x 1200 pallet lengthways
4.35	Turning radius
5.1	Performances Travel speed (laden / unladen)
5.1 5.2	
	Lifting speed (laden / unladen)
5.3	Lowering speed (laden / unladen)
5.5 5.10	Drawbar pull (Laden / Unladen) Service brake
5.10	
7.0	Engine
7.2	Engine power according to ISO 1585
7.1	Engine brand / model / norm
7.2	Engine power according to ISO 1585
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 M40-4 D ST5 Diesel Seated Q 4000 kg c 500 mm x 763 mm y 2120 mm 6965 kg	
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Q 4000 kg c 500 mm x 763 mm y 2120 mm 6965 kg	
c 500 mm x 763 mm y 2120 mm	
x 763 mm y 2120 mm 6965 kg	
y 2120 mm 6965 kg	
6965 kg	
-	
-	
9010 kg / 1955 kg	
2625 kg / 4340 kg	
2020 kg / 4040 kg	
Pneumatic	
18-22,5 MPT-06	
340/80 R18 XMCL	
2 / 2	
4	
b10 1620 mm	
b11 1740 mm	
1740 1111	
16 / h6* 2486 mm / 2486 mm	
h7 1455 mm	
17 1455 mm	
12 3658 mm	
b1 2080 mm	
s / e / l 50 mm x 150 mm / 1200 mm	
3A 3A	
b3 1670 mm	
m1 300 mm	
m1 300 mm m2 426 mm	
m1 300 mm m2 426 mm Ast 6732 mm	
m1 300 mm m2 426 mm Ast 6732 mm Ast 6732 mm	
m1 300 mm m2 426 mm Ast 6732 mm	
m1 300 mm m2 426 mm Ast 6732 mm Ast 6732 mm Wa 4570 mm	
m1 300 mm m2 426 mm Ast 6732 mm Ast 6732 mm Wa 4570 mm 	
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m1 300 mm m2 426 mm Ast 6732 mm Ast 6732 mm Wa 4570 mm U 0.40 m/s / 0.40 m/s 0.40 m/s / 0.40 m/s 0.40 m/s / 0.40 m/s 11000 daN / 6600 daN 11000 daN / 6600 daN Hydraulic 11000 daN / 6600 daN	
m1 300 mm m2 426 mm Ast 6732 mm Ast 6732 mm Wa 4570 mm Wa 4570 mm U 0.40 m/s / 0.40 m/s 0.40 m/s / 0.40 m/s 11000 daN Hydraulic 11000 daN / 6600 daN Hydraulic 55 kW	
m1 300 mm m2 426 mm Ast 6732 mm Ast 6732 mm Wa 4570 mm Wa 4570 mm U 0.40 m/s / 0.40 m/s 0.40 m/s / 0.40 m/s 11000 daN I 10.50 m/s / 0.40 m/s I 1000 daN / 6600 daN Hydraulic 55 kW Deutz / TCD 2,9 / Stage V	
m1 300 mm m2 426 mm Ast 6732 mm Ast 6732 mm Wa 4570 mm Wa 4570 mm Ma 0.40 m/s / 0.40 m/s 0.40 m/s / 0.40 m/s 0.40 m/s Ma 11000 daN / 6600 daN Hydraulic 55 kW Deutz / TCD 2,9 / Stage V 55 kW	
m1 300 mm m2 426 mm Ast 6732 mm Ast 6732 mm Wa 4570 mm Wa 4570 mm Wa 4570 mm U 0.40 m/s / 0.40 m/s 0.40 m/s / 0.40 m/s 0.40 m/s 11000 daN / 6600 daN 11000 daN / 6600 daN Hydraulic 55 kW Deutz / TCD 2,9 / Stage V 55 kW S5 kW 2300 mm	
m1 300 mm m2 426 mm Ast 6732 mm Ast 6732 mm Wa 4570 mm Wa 4570 mm Ma 0.40 m/s / 0.40 m/s 0.40 m/s / 0.40 m/s 0.40 m/s Ma 11000 daN / 6600 daN Hydraulic 55 kW Deutz / TCD 2,9 / Stage V 55 kW	
m1 300 mm m2 426 mm Ast 6732 mm Ast 6732 mm Wa 4570 mm Wa 4570 mm U 0.40 m/s / 0.40 m/s 0.40 m/s / 0.40 m/s 0.40 m/s 10 km/h / 22 km/h 0.40 m/s 0.40 m/s / 0.40 m/s 0.40 m/s 1000 daN / 6600 daN 11000 daN / 6600 daN Hydraulic 55 kW Deutz / TCD 2,9 / Stage V 55 kW 2300 mm 4 - 2925 cm³	
m1 300 mm m2 426 mm Ast 6732 mm Ast 6732 mm Wa 4570 mm Wa 4570 mm U 0.40 m/s / 0.40 m/s 0.40 m/s / 0.40 m/s 0.40 m/s 10 km/h / 22 km/h 0.40 m/s 4.040 m/s / 0.40 m/s 0.40 m/s 50 m/s / 0.40 m/s 11000 daN / 6600 daN Hydraulic 11000 daN / 5600 daN 55 kW Deutz / TCD 2,9 / Stage V 2300 pm 2300 pm 4 - 2925 cm³ 210 bar	
m1 300 mm m2 426 mm Ast 6732 mm Ast 6732 mm Wa 4570 mm Wa 4570 mm U 0.40 m/s / 0.40 m/s 0.40 m/s / 0.40 m/s 0.40 m/s 10 km/h / 22 km/h 0.40 m/s 0.40 m/s / 0.40 m/s 0.40 m/s 1000 daN / 6600 daN 11000 daN / 6600 daN Hydraulic 55 kW Deutz / TCD 2,9 / Stage V 55 kW 2300 mm 4 - 2925 cm³	

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
Mast/fork carriage tilt, forward	۰	15	15	15	15	15	15
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	3700	3700	3700	3700	3700	3700
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
Mast/fork carriage tilt, forward	۰	15	15	15	10	10	10
Mast/fork carriage tilt, backward	٥	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	3700	3700	3700	3700	3700	3700
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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