Technical sheet :

M 40-2 D ST5

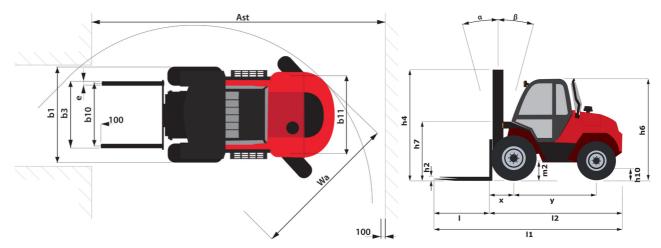




Technical characteristics	
Manufacturer	
Model Name	
Power source	
Operator type	
Max. capacity	
Load center of gravity	
Load distance, centre of drive axle to fork	
Wheelbase	
Weight	
Service weight	
Weight on front axle (laden) / rear axle (laden)	
Weight on front axle (Unladen) / rear axle (Unladen)	
Wheels	
Tires type	
Dimensions of front wheels	
Dimensions of rear wheels	
Number of front wheels / rear wheels	
Number of drive wheels	
Front wheel gauge	
Rear wheel gauge	
Dimensions	
Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	
Seat height/stand height	
Overall length	
Length to face of forks	
Overall width	
Forks section x width x length	
Fork carriage ISO 2328 (class/form) A/B	
Fork carriage width	
Ground clearance below mast	
Ground clearance at centre of wheelbase	
Aisle width for 1000 x 1200 pallet widthways	
Aisle width for 800 x 1200 pallet lengthways	
Tuming radius	
Performances	
Travel speed (laden / unladen)	
Lifting speed (laden / unladen)	
Lowering speed (laden / unladen)	
Drawbar pull (Laden)	
Service brake	
Engine	
Engine power according to ISO 1585	
Engine brand / model / norm	
Engine power according to ISO 1585	
Rated speed	
Number of cylinders / Capacity of cylinders	
Miscellaneous	
Working hydraulic pressure for attachments	
Oil flow rate for attachments	
Sound level at the driver's ear according to DIN 12 053	

M 40-2 D ST 5	Created on May 13, 2024 at 8:10:42 PM UTC
	Metric
	MANITOU
	M 40-2 D ST5
	Diesel
	Seated
Q	4000 kg
c	500 mm
x	763 mm
y	2060 mm
,	
	6915 kg
	9075 kg / 1840 kg
	2625 kg / 4290 kg
	Pneumatic
	18-19,5 18PR A224
	10R17,5 G291 GY
	2 / 2
	2
b10	1600 mm
b11	1640 mm
h6 / h6*	2440 mm / 2440 mm
h7	1407 mm
l1	4858 mm
12	3658 mm
b1	2057 mm
s / e / l	150 mm x 150 mm / 1200 mm
	3A
b3	1670 mm
m1	250 mm
m2	377 mm
Ast	5560 mm
Ast	5560 mm
Wa	3395 mm
	22 km/h / 22 km/h
	0.40 m/s / 0.40 m/s
	0.50 m/s / 0.40 m/s
	6900 daN
	Hydraulic
	55 kW
	Deutz / TCD 2,9 / Stage V
	55 kW
	2300 rpm
	4 - 2925 cm³
	210 bar
	97 l/min
	78 dB

M 40-2 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 °		15	15	15	15	15	15
Mast/fork carriage tilt, backward	۰	15	15	15	15	15	15
h1 - Mast lowered height	mm	2625	2725	2825	2975	3225	3475
h3 - Mast lifting height	mm	3300	3500	3700	3700	3700	5000
Residual capacity at max height	kg	4000	4000	4000	4000	4000	4000
Residual capacity with hooked-on side shift at max heigth	kg	4000	4000	4000	4000	3900	3600
Height at max capacity	mm	3300	3500	3700	4000	4500	5000
Height at max capacity with hooked-on sideshift	mm	3300	3500	3700	4000	4200	4000

Free Lift Triplex (FLT)		FLT 43	FLT 45	FLT 47	FLT 50	FLT 55	FLT 60
Mast/fork carriage tilt, forward		15	15	15	10	10	10
Mast/fork carriage tilt, backward	٥	15	15	15	15	15	15
h1 - Mast lowered height	mm	2425	2500	2560	2675	2825	3000
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	3000		2500	
Residual capacity with hooked-on side shift at max heigth	kg		3650	3650		2500	
Height at max capacity	mm	4300	4500	4200	2500	4500	2500
Height at max capacity with hooked-on sideshift	mm		3500	4200		3300	



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