Technical sheet:

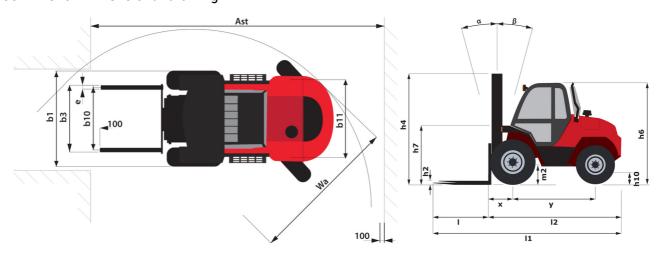
M 30-4 D ST5





		M 30-4 D S 1 5 G Ed	M 30-4 D ST5 Created on May 21, 2024 at 5.10.09 AM 01		
	Technical characteristics		Metric		
1.1	Manufacturer		MANITOU		
1.2	Model Name		M 30-4 D ST5		
1.3	Power source		Diesel		
1.4	Operator type		Seated		
1.5	Max. capacity	Q	3000 kg		
1.6	Load center of gravity	С	500 mm		
1.8	Load distance, centre of drive axle to fork	x	747 mm		
1.9	Wheelbase	٧	1995 mm		
	Weight				
2.1	Service weight		5965 kg		
2.2	Weight on front axle (laden) / rear axle (laden)		7490 kg / 1475 kg		
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		2155 kg / 3810 kg		
	Wheels		, , , , , , , , , , , , , , , , , , ,		
3.1	Tires type		Pneumatic		
3.2	Dimensions of front wheels		405/70-20 149B 1323		
3.3	Dimensions of rear wheels		10,5-18 12PR 1317		
3.5	Number of front wheels / rear wheels		2 / 2		
3.5.2	Number of drive wheels		4		
3.6	Front wheel gauge	b10	1520 mm		
3.7	Rear wheel gauge	b11	1630 mm		
3.7	Dimensions	011	1030 11111		
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	2458 mm / 2458 mm		
4.7	Seat height/stand height	h7	1426 mm		
4.19	Overall length	117	4701 mm		
4.19	Length to face of forks	12	3501 mm		
4.21	Overall width	b1	1927 mm		
4.21	Forks section x width x length		40 mm x 125 mm / 1200 mm		
4.22	-	s / e / l	3A		
	Fork carriage ISO 2328 (class/form) A/B	ho.			
4.24	Fork carriage width	b3	1470 mm 399 mm		
4.31	Ground clearance below mast	m1			
4.32	Ground clearance at centre of wheelbase	m2	395 mm		
4.33	Aisle width for 1000 x 1200 pallet widthways	Ast	6180 mm		
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	6180 mm		
4.35	Tuming radius	Wa	4030 mm		
	Performances				
5.1	Travel speed (laden / unladen)		10 km/h / 22 km/h		
5.2	Lifting speed (laden / unladen)		0.60 m/s / 0.60 m/s		
5.3	Lowering speed (laden / unladen)		0.40 m/s / 0.40 m/s		
5.5	Drawbar pull (Laden / Unladen)		6290 daN / 4250 daN		
5.10	Service brake		Hydraulic		
	Engine				
7.2	Engine power according to ISO 1585		55 kW		
7.1	Engine brand / model / norm		Deutz / TCD 2,9 / Stage V		
7.2	Engine power according to ISO 1585		55 kW		
7.3	Rated speed		2300 rpm		
7.4	Number of cylinders / Capacity of cylinders		4 - 2925 cm³		
	Miscellaneous				
8.2	Working hydraulic pressure for attachments		185 bar		
8.3	Oil flow rate for attachments		97 I/min		
8.4	Sound level at the driver's ear according to DIN 12 053		78 dB		

M 30-4 D ST5 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 37	FVD 45
Mast/fork carriage tilt, forward	۰	6	6
Mast/fork carriage tilt, backward	۰	12	12
h1 - Mast lowered height	mm	2689	3129
h3 - Mast lifting height	mm	3700	4500
Residual capacity at max height	kg	3000	3000
Residual capacity with hooked-on side shift at max heigth	kg	3000	3000
Height at max capacity	mm	3700	4500
Height at max capacity with hooked-on sideshift	mm	3700	4500

Free Lift Triplex (FLT)		FLT 43	FLT 50	FLT 65
Mast/fork carriage tilt, forward	۰	6	6	6
Mast/fork carriage tilt, backward	۰	12	12	12
h1 - Mast lowered height	mm	2429	2689	3379
h2 - Mast free lift	mm	1573	1833	2523
h3 - Mast lifting height	mm	4300	5000	6500
Residual capacity at max height	kg	3000		
Residual capacity with hooked-on side shift at max heigth	kg	3000	1600	500
Height at max capacity	mm	4300	2500	2500
Height at max capacity with hooked-on sideshift	mm	3000	4100	4300

Full Visibility Triplex (FVT)		FVT 55	FVT 70
Mast/fork carriage tilt, forward	٠	6	6
Mast/fork carriage tilt, backward	٠	10	10
h1 - Mast lowered height	mm	2959	3629
h3 - Mast lifting height	mm	5500	7000
Residual capacity at max height	kg	2000	
Residual capacity with hooked-on side shift at max heigth	kg	1500	
Height at max capacity	mm	4200	
Height at max capacity with hooked-on sideshift	mm	4200	





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