Technical sheet:

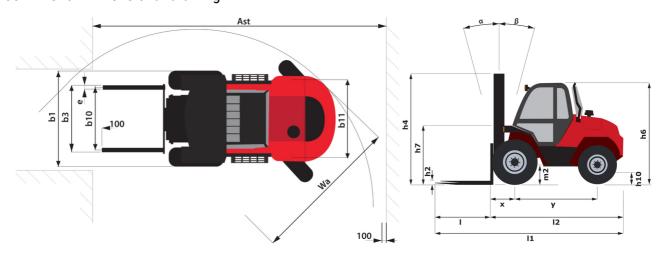
M 30-4 D ST5





		M 30-4 D ST 5 G	M 30-4 D ST5 Greated on May 9, 2024 at 3.01.31 AM 010		
	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	У	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 3		
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	DIII	1030 111111		
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	2458 mm / 2458 mm		
4.8	Seat height/stand height	h7	1426 mm		
4.19	Overall length	l1	4701 mm		
4.20	Length to face of forks	12	3501 mm		
4.20	Overall width	b1	1927 mm		
4.22	Forks section x width x length	s / e / l	40 mm x 125 mm / 1200 mm		
4.22	Fork carriage ISO 2328 (class/form) A/B	3/6/1	3A		
4.23	Fork carriage width	b3	1470 mm		
4.24	Ground clearance below mast	m1	399 mm		
4.31	Ground clearance at centre of wheelbase	m2	395 mm		
4.32		Ast	6180 mm		
	Aisle width for 1000 x 1200 pallet widthways				
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	6180 mm		
4.35	Tuming radius	Wa	4030 mm		
F 1	Performances		10 km /h / 00 km /h		
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 l/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	۰	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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