

Technical sheet :

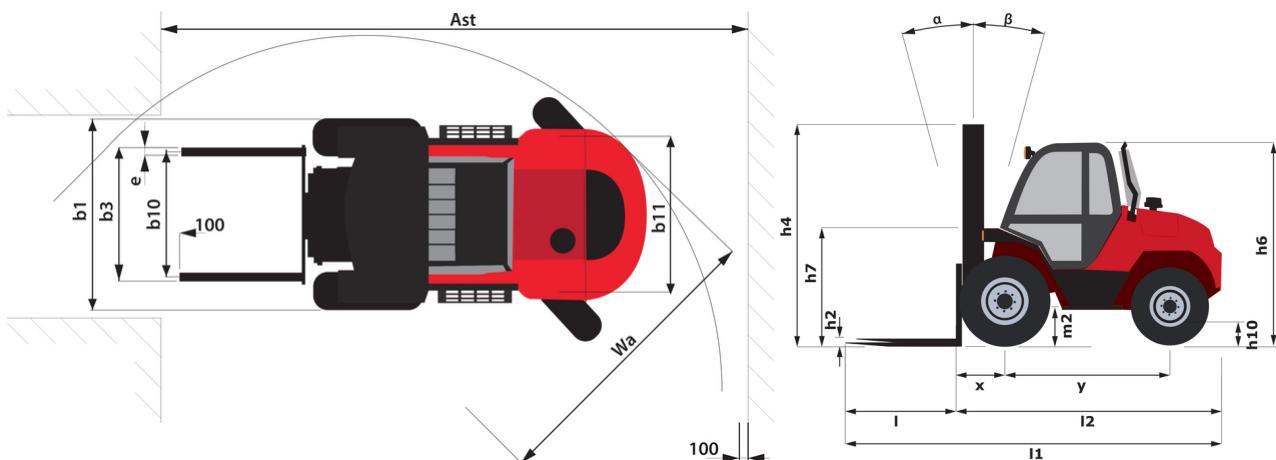
# M 30-4 D ST5



 **MANITOU**  
HANDLING YOUR WORLD

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	3000 kg	
1.6	Load center of gravity	500 mm	
1.8	Load distance, centre of drive axle to fork	747 mm	
1.9	Wheelbase	1995 mm	
Weight		FVD 37	
2.1	Standard mast reference of the machine	5965 kg	
2.2	Service weight	7490 kg / 1475 kg	
2.3	Weight on front axle (laden) / rear axle (laden)	2155 kg / 3810 kg	
Wheels		Pneumatic	
3.1	Tires type	405/70-20 149B 1323	
3.2	Dimensions of front wheels	10,5-18 12PR 1317	
3.3	Dimensions of rear wheels	2 / 2	
3.5	Number of front wheels / rear wheels	4	
3.5.2	Number of drive wheels	1520 mm	
3.6	Front wheel gauge	1630 mm	
3.7	Rear wheel gauge		
Dimensions		h6 / h6*	
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggy version)	2458 mm / 2458 mm	
4.8	Seat height/stand height	1426 mm	
4.19	Overall length	4701 mm	
4.20	Length to face of forks	3501 mm	
4.21	Overall width	1927 mm	
4.22	Forks section x width x length	40 mm x 125 mm / 1200 mm	
4.23	Fork carriage ISO 2328 (class/form) A/B	3A	
4.24	Fork carriage width	1470 mm	
4.31	Ground clearance below mast	399 mm	
4.32	Ground clearance at centre of wheelbase	395 mm	
4.33	Aisle width for 1000 x 1200 pallet widthways	6180 mm	
4.34	Aisle width for 800 x 1200 pallet lengthways	6180 mm	
4.35	Turning radius	4030 mm	
Performances		h7	
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	
	Transmission type	Torque converter	
Engine		h1	
7.1	Engine brand / model / norm	Deutz / TCD 2,9 / Stage V	
7.2	Engine power (Hp / kW)	75 Hp/55 kW	
7.3	Rated speed	2300 rpm	
7.4	Number of cylinders / Capacity of cylinders	4 - 2925 cm <sup>3</sup>	
Miscellaneous		h2	
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
α - Mast/fork carriage tilt, forward	°	6
β - Mast/fork carriage tilt, backward	°	12
h1 - Mast lowered height	mm	2689
h3 - Mast lifting height	mm	3700
Residual capacity at max height	kg	3000
Residual capacity with hooked-on side shift at max height	kg	3000
Height at max capacity	mm	3700
Height at max capacity with hooked-on sideshift	mm	3700

### Free Lift Triplex (FLT)

	FLT 43	FLT 50	FLT 65
α - Mast/fork carriage tilt, forward	°	6	6
β - Mast/fork carriage tilt, backward	°	12	12
h1 - Mast lowered height	mm	2429	2689
h2 - Mast free lift	mm	1573	1833
h3 - Mast lifting height	mm	4300	5000
Residual capacity at max height	kg	3000	3379
Residual capacity with hooked-on side shift at max height	kg	3000	2523
Height at max capacity	mm	4300	6500
Height at max capacity with hooked-on sideshift	mm	3000	4300

### Full Visibility Triplex (FVT)

	FVT 55	
α - Mast/fork carriage tilt, forward	°	6
β - Mast/fork carriage tilt, backward	°	10
h1 - Mast lowered height	mm	2959
h3 - Mast lifting height	mm	5500
Residual capacity at max height	kg	2000
Residual capacity with hooked-on side shift at max height	kg	1500
Height at max capacity	mm	4200
Height at max capacity with hooked-on sideshift	mm	4200

## Equipment

### Optional

Audio warning on reverse
Enclosed Cab with Heat and A/C
Front and Rear - Work Lights
Load backrest
Open cab



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