

Technical sheet :

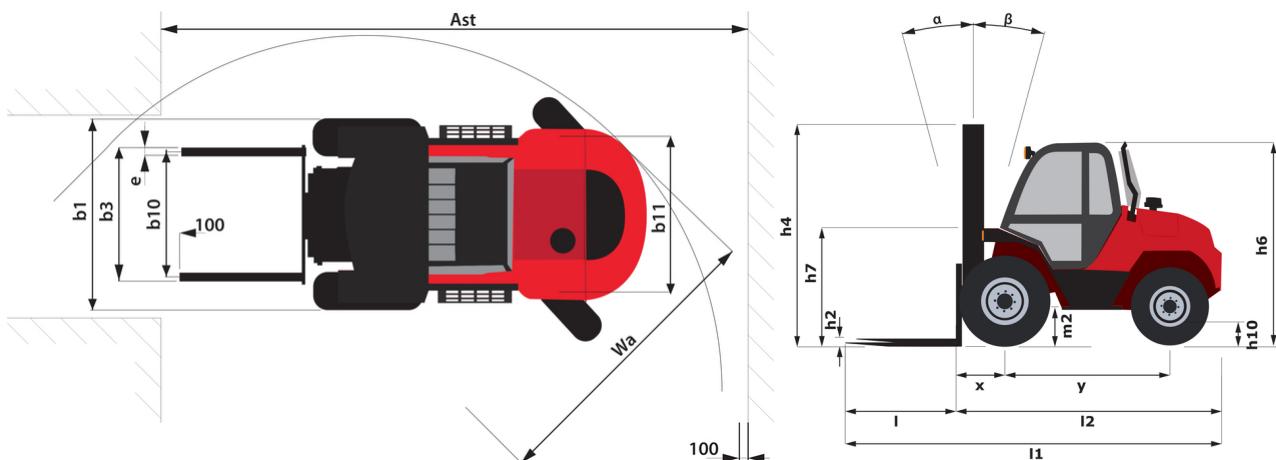
M 30-4 D ST5



 **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		2458 mm / 2458 mm	
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggy version)	1426 mm	
4.8	Seat height/stand height	4701 mm	
4.19	Overall length	3501 mm	
4.20	Length to face of forks	1927 mm	
4.21	Overall width	40 mm x 125 mm / 1200 mm	
4.22	Forks section x width x length	3A	
4.23	Fork carriage ISO 2328 (class/form) A/B	1470 mm	
4.24	Fork carriage width	399 mm	
4.31	Ground clearance below mast	395 mm	
4.32	Ground clearance at centre of wheelbase	6180 mm	
4.33	Aisle width for 1000 x 1200 pallet widthways	6180 mm	
4.34	Aisle width for 800 x 1200 pallet lengthways	4030 mm	
4.35	Turning radius		
Performances		10 km/h / 22 km/h	
5.1	Travel speed (laden / unladen)	0.60 m/s / 0.60 m/s	
5.2	Lifting speed (laden / unladen)	0.40 m/s / 0.40 m/s	
5.3	Lowering speed (laden / unladen)	6290 daN / 4250 daN	
5.5	Drawbar pull (Laden / Unladen)	Hydraulic	
5.10	Service brake	Torque converter	
	Transmission type		
Engine		Deutz / TCD 2,9 / Stage V	
7.1	Engine brand / model / norm	75 Hp/55 kW	
7.2	Engine power (Hp / kW)	2300 rpm	
7.3	Rated speed	4 - 2925 cm ³	
7.4	Number of cylinders / Capacity of cylinders		
Miscellaneous		185 bar	
8.2	Working hydraulic pressure for attachments	97 l/min	
8.3	Oil flow rate for attachments	78 dB	
8.4	Sound level at the driver's ear according to DIN 12 053		

M 30-4 D ST5 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)	
α - Mast/fork carriage tilt, forward	°
β - Mast/fork carriage tilt, backward	°
h1 - Mast lowered height	mm
h3 - Mast lifting height	mm
Residual capacity at max height	kg
Residual capacity with hooked-on side shift at max height	kg
Height at max capacity	mm
Height at max capacity with hooked-on sideshift	mm

FVD 37	FVD 45
6	6
12	12
2689	3129
3700	4500
3000	3000
3000	3000
3700	4500
3700	4500

Free Lift Triplex (FLT)	
α - Mast/fork carriage tilt, forward	°
β - Mast/fork carriage tilt, backward	°
h1 - Mast lowered height	mm
h2 - Mast free lift	mm
h3 - Mast lifting height	mm
Residual capacity at max height	kg
Residual capacity with hooked-on side shift at max height	kg
Height at max capacity	mm
Height at max capacity with hooked-on sideshift	mm

FLT 43	FLT 50	FLT 65
6	6	6
12	12	12
2429	2689	3379
1573	1833	2523
4300	5000	6500
3000	1600	500
4300	2500	2500
3000	4100	4300

Full Visibility Triplex (FVT)	
α - Mast/fork carriage tilt, forward	°
β - Mast/fork carriage tilt, backward	°
h1 - Mast lowered height	mm
h3 - Mast lifting height	mm
Residual capacity at max height	kg
Residual capacity with hooked-on side shift at max height	kg
Height at max capacity	mm
Height at max capacity with hooked-on sideshift	mm

FVT 55
6
10
2959
5500
2000
1500
4200
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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