Technical sheet:

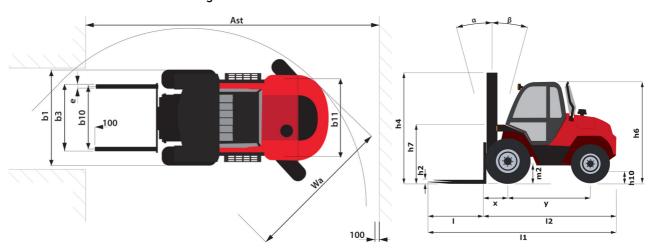
## M 30-2 D ST5





		M 30-2 D 5T5 Gea	M 30-2 D ST 5 Created on May 15, 2024 at 11.15.47 AM 010		
	Technical characteristics		Metric		
1.1	Manufacturer		MANITOU		
1.2	Model Name		M 30-2 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	c	500 mm		
1.8	Load distance, centre of drive axle to fork	X	747 mm		
1.9	Wheelbase	y	1995 mm		
	Weight				
2.1	Service weight		5895 kg		
2.2	Weight on front axle (laden) / rear axle (laden)		7490 kg / 1405 kg		
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		2155 kg / 3740 kg		
2.0	Wheels		2100 kg / 0740 kg		
3.1	Tires type		Pneumatic		
3.2	Dimensions of front wheels		14,5R20 18PR MPT80		
3.3	Dimensions of nont wheels		10R17,5 G291 GY		
3.5	Number of front wheels / rear wheels		2 / 2		
3.5.2	Number of drive wheels		2		
		h10			
3.6	Front wheel gauge	b10	1550 mm		
3.7	Rear wheel gauge	b11	1644 mm		
	Dimensions				
4.7	Height of overhead guard (cabin)	h6	2450 mm		
4.8	Seat height/stand height	h7	1420 mm		
4.19	Overall length	l1	4701 mm		
4.20	Length to face of forks	12	3501 mm		
4.21	Overall width	b1	1923 mm		
4.22	Forks section x width x length	s / e / l	40 mm x 125 mm / 1200 mm		
4.23	Fork carriage ISO 2328 (class/form) A/B		3A		
4.24	Fork carriage width	b3	1470 mm		
4.31	Ground clearance below mast	m1	406 mm		
4.32	Ground clearance at centre of wheelbase	m2	390 mm		
4.33	Aisle width for 1000 x 1200 pallet widthways	Ast	5360 mm		
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	5360 mm		
4.35	Turning radius	Wa	3220 mm		
	Performances				
5.1	Travel speed (laden / unladen)		22 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)		5600 daN		
5.7	Gradeability (laden)		62 %		
5.10	Service brake		Hydraulic		
	Engine				
7.2	Engine power according to ISO 1585		55 kW		
7.1	Engine brand / model		Deutz / TCD 2,9		
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 30-2 D ST5 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 37	FVD 45
Mast/fork carriage tilt, forward	٠	6	6
Mast/fork carriage tilt, backward	۰	12	12
h1 - Mast lowered height	mm	2696	3136
h3 - Mast lifting height	mm	3700	4500
h4 - Mast extended height	mm	4626	4626
Residual capacity at max height	kg	3000	3000
Residual capacity with hooked-on side shift at max heigth	kg	3000	2600
Height at max capacity	mm	3700	4500
Height at max capacity with hooked-on sideshift	mm	3700	4100

Free Lift Triplex (FLT)		FLT 43	FLT 50	FLT 65
Mast/fork carriage tilt, forward	۰	6	6	6
Mast/fork carriage tilt, backward	٠	12	12	12
h1 - Mast lowered height	mm	2436	2696	3386
h2 - Mast free lift	mm	1580	1840	2530
h3 - Mast lifting height	mm	4300	5000	6500
h4 - Mast extended height	mm	4626	4626	4626
Residual capacity at max height	kg	2750	1600	
Residual capacity with hooked-on side shift at max heigth	kg	2750	1600	
Height at max capacity	mm	4000	4000	2500
Height at max capacity with hooked-on	mm	4000	4000	

Full Visibility Triplex (FVT)		FVT 55	FVT 70
Mast/fork carriage tilt, forward	۰	6	6
Mast/fork carriage tilt, backward	۰	10	10
h1 - Mast lowered height	mm	2966	3636
h3 - Mast lifting height	mm	5500	7000
h4 - Mast extended height	mm	4626	4626
Residual capacity at max height	kg	1600	
Residual capacity with hooked-on side shift at max heigth	kg	1600	
Height at max capacity	mm	4300	
Height at max capacity with hooked-on sideshift	mm	4000	





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