Technical sheet:

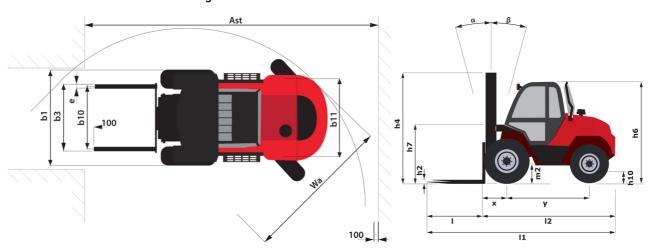
M 30-2 D ST5





Technical characteristics		Metric
Manufacturer		MANITOU
Model Name		M 30-2 D ST5
Power source		Diesel
Operator type		Seated
Max. capacity	Q	3000 kg
Load center of gravity	C	500 mm
Load distance, centre of drive axle to fork	Х	747 mm
Wheelbase	у	1995 mm
Weight		
Service weight		5895 kg
Weight on front axle (laden) / rear axle (laden)		7490 kg / 1405 kg
Weight on front axle (Unladen) / rear axle (Unladen)		2155 kg / 3740 kg
Wheels		2100 kg , 07 10 kg
Tires type	_	Pneumatic
Dimensions of front wheels		14,5R20 18PR MPT80
Dimensions of rear wheels		10R17,5 G291 GY
Number of front wheels / rear wheels		2 / 2
Number of drive wheels		2
	b10	1550 mm
Front wheel gauge	b11	1644 mm
Rear wheel gauge	BII	1644 mm
Dimensions Little Control of Control	16	0450 ****
Height of overhead guard (cabin)	h6	2450 mm
Seat height/stand height	h7	1420 mm
Overall length	l1	4701 mm
Length to face of forks	12	3501 mm
Overall width	b1	1923 mm
Forks section x width x length	s / e / l	40 mm x 125 mm / 1200 mm
Fork carriage ISO 2328 (class/form) A/B		3A
Fork carriage width	b3	1470 mm
Ground clearance below mast	m1	406 mm
Ground clearance at centre of wheelbase	m2	390 mm
Aisle width for 1000 x 1200 pallet widthways	Ast	5360 mm
Aisle width for 800 x 1200 pallet lengthways	Ast	5360 mm
Tuming radius	Wa	3220 mm
Performances		
Travel speed (laden / unladen)		22 km/h / 22 km/h
Lifting speed (laden / unladen)		0.60 m/s / 0.60 m/s
Lowering speed (laden / unladen)		0.40 m/s / 0.40 m/s
Drawbar pull (Laden)		5600 daN
Gradeability (laden)		62 %
Service brake		Hydraulic
Engine		
Engine power according to ISO 1585		55 kW
Engine brand / model		Deutz / TCD 2,9
Engine power according to ISO 1585		55 kW
Rated speed		2300 rpm
Number of cylinders / Capacity of cylinders		4 - 2925 cm³
Miscellaneous		
Working hydraulic pressure for attachments		185 bar
Oil flow rate for attachments		97 I/min
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	۰	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 sideshift	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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