Technical sheet :

M 30-4 D ST5

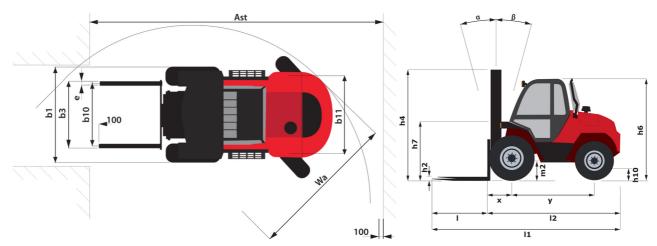




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	С
1.8	Load distance, centre of drive axle to fork	х
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
	Wheels	
3.1	Tires type	
3.2	Dimensions of front wheels	
3.3	Dimensions of rear wheels	
3.5	Number of front wheels / rear wheels	
3.5.2	Number of drive wheels	
3.6	Front wheel gauge	b10
3.7	Rear wheel gauge	b10
3./	Dimensions	DII
4.7		h(/ h(
	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6
4.8	Seat height/stand height	h7
4.19	Overall length	1
4.20	Length to face of forks	l2 b1
4.21	Overall width	
4.22	Forks section x width x length	s / e /
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	b3
4.31	Ground clearance below mast	m1
4.32	Ground clearance at centre of wheelbase	m2
4.33	Aisle width for 1000 x 1200 pallet widthways	Ast
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast
4.35	Turning radius	Wa
	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.5	Drawbar pull (Laden / Unladen)	
5.10	Service brake	
	Engine	
7.2	Engine power according to ISO 1585	
7.1	Engine brand / model / norm	
7.2	Engine power according to ISO 1585	
7.3	Rated speed	
7.4	Number of cylinders / Capacity of cylinders	
	Miscellaneous	
8.2	Working hydraulic pressure for attachments	
8.3	Oil flow rate for attachments	
8.4	Sound level at the driver's ear according to DIN 12 053	

M 30-4 D ST 5	Created on May 10, 2024 at 8:32:47 PM UTC
	Metric
	MANITOU
	M 30-4 D ST5
	Diesel
	Seated
Q	3000 kg
С	500 mm
x	747 mm
у	1995 mm
	5965 kg
	7490 kg / 1475 kg
	2155 kg / 3810 kg
	Pneumatic
	405/70-20 149B 1323
	10,5-18 12PR 1317
	2/2
	4
b10	1520 mm
b11	1630 mm
h6 / h6*	2458 mm / 2458 mm
h7	1426 mm
11	4701 mm
12	3501 mm
b1	1927 mm
s / e / l	40 mm x 125 mm / 1200 mm
	3A
b3	1470 mm
m1	399 mm
m2	395 mm
Ast	6180 mm
Ast	6180 mm
Wa	4030 mm
	10 km/h / 22 km/h
	0.60 m/s / 0.60 m/s
	0.40 m/s / 0.40 m/s
	6290 daN / 4250 daN
	Hydraulic
	EE INV
	55 kW
	Deutz / TCD 2,9 / Stage V
	55 kW
	2300 rpm
	4 - 2925 cm³
	185 bar
	97 l/min
	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	б
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	٥	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	۰	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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