Technical sheet:

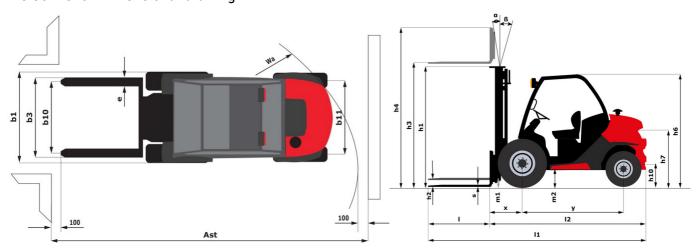
MC 30-4 ST5





		MC 30-4 ST5 Cre	ated on 19 May 2024 at 9.53.03 am
Te	echnical characteristics		Metric
1.1 M	anufacturer		Manitou
1.2 M	odel Name		MC 30-4 ST5
1.3 Po	ower source		Diesel
1.4 0	perator type		Seated
	ax. capacity	Q	3000 kg
	pad center of gravity	c	500 mm
	pad distance, centre of drive axle to fork	x	626 mm
	heelbase	v	1900 mm
	eight		1500 11111
	andard mast reference of the machine		FVD 33
	ervice weight		4440 kg
	eight on front axle (laden) / rear axle (laden)		6650 kg / 790 kg
	heels		0000 kg / 750 kg
	res type		Pneumatic
	ines type imensions of front wheels		12,5/80-18/12 SL R4
			•
	imensions of rear wheels		27x10-12 SKS
	umber of front wheels / rear wheels		2 / 2
	umber of drive wheels	h10	
	ont wheel gauge	b10	1159 mm
	ear wheel gauge	b11	1176 mm
	imensions		
	eight of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	2155 mm / 1990 mm
	eat height/stand height	h7	1094 mm
	verall length	l1	4235 mm
	ength to face of forks	12	3085 mm
	verall width	b1	1450 mm
	orks section x width x length	s / e / l	45 mm x 100 mm / 1200 mm
	ork carriage ISO 2328 (class/form) A/B		3A
	round clearance below mast	m1	300 mm
4.32 Gi	round clearance at centre of wheelbase	m2	310 mm
	isle width for 1000 x 1200 pallet widthways	Ast	5461 mm
4.35 Tu	ıming radius	Wa	3435 mm
Pe	erformances		
5.1 Tr	ravel speed (laden / unladen)		12 km/h / 24.50 km/h
5.2 Li	fting speed (laden / unladen)		0.47 m/s / 0.46 m/s
5.3 Lo	owering speed (laden / unladen)		0.50 m/s / 0.30 m/s
5.5 Di	rawbar pull (Laden)		3100 daN
5.7 Gi	radeability (laden)		46 %
5.10 Se	ervice brake		Hydraulic brakes by loss of pressure
Er	ngine		
7.2 Er	ngine power according to ISO 1585		37 kW
7.1 Er	ngine brand / model / norm		Kubota / D1803 CRT E5B / Stage V
7.2 Er	ngine power according to ISO 1585		37 kW
7.3 Ra	ated speed		2700 rpm
7.4 N	umber of cylinders / Capacity of cylinders		3 - 1826 cm³
	iscellaneous		
8.1 Ty	rpe of drive control		Electronic
8.3 0i	il flow rate for attachments		42 l/min
	ound level at the driver's ear according to DIN 12 053		79 dB

MC 30-4 ST5 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 37	FVD 45
Mast/fork carriage tilt, forward	۰	12	12	12
Mast/fork carriage tilt, backward	۰	10	10	10
h1 - Mast lowered height	mm	2338	2598	3038
h2 - Mast free lift	mm	117	117	117
h3 - Mast lifting height	mm	3300	3700	4500
h4 - Mast extended height	mm	4090	4490	5290
Residual capacity at max height	kg	1400	1400	500
Residual capacity with hooked-on side shift at max heigth	kg	1400	1400	500
Height at max capacity	mm	2700	2700	2800
Height at max capacity with hooked-on sideshift	mm	2700	2700	2800

Free Lift Triplex (FLT)		FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
Mast/fork carriage tilt, forward	۰	12	12	12	12	12	6
Mast/fork carriage tilt, backward	۰	10	10	10	10	10	6
h1 - Mast lowered height	mm	1988	2088	2188	2338	2438	2788
h2 - Mast free lift	mm	1235	1335	1435	1585	1685	2035
h3 - Mast lifting height	mm	3400	3700	4000	4300	4700	5500
h4 - Mast extended height	mm	4236	4536	4836	5136	5536	6336
Residual capacity at max height	kg	1900	1500	1300	1400	430	500
Residual capacity with hooked-on side shift at max heigth	kg	1800	1400	1250		400	400
Height at max capacity	mm	2700	2600	2700	3100	2700	2500
Height at max capacity with hooked-on sideshift	mm	2700	2600	2700		2700	2500

Full Visibility Triplex (FVT)		FVT 33
Mast/fork carriage tilt, forward	٠	12
Mast/fork carriage tilt, backward	٠	10
h1 - Mast lowered height	mm	1878
h2 - Mast free lift	mm	129
h3 - Mast lifting height	mm	3300
h4 - Mast extended height	mm	4079
Height at max capacity	mm	2500





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