Technical sheet:

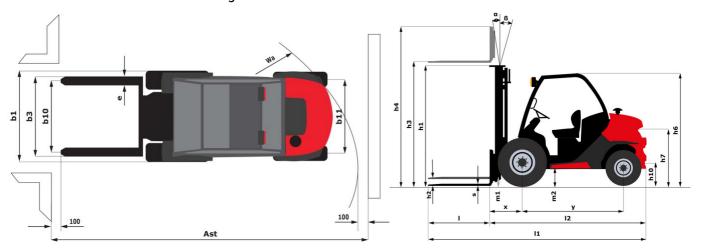
MC 30-2 ST5





		MC 30-2515 Gled	ted on April 27, 2024 at 5.39.08 AM
Te	chnical characteristics		Metric
1.1 Ma	nufacturer		Manitou
1.2 Mo	odel Name		MC 30-2 ST5
1.3 Por	wer source		Diesel
1.4 Op	erator type		Seated
1.5 Ma	ax. capacity	Q	3000 kg
	ad center of gravity	c	500 mm
	ad distance, centre of drive axle to fork	x	626 mm
	neelbase	у	1900 mm
	sight		
	rvice weight		4220 kg
	eight on front axle (laden) / rear axle (laden)		6570 kg / 650 kg
	eight on front axle (Unladen) / rear axle (Unladen)		1570 kg / 2650 kg
	neels		1070 kg / 2000 kg
	es type		Pneumatic
	mensions of front wheels		12,5/80-18/12 SL R4
	mensions of rear wheels		7,00-12/12 ED PLUS
	imber of front wheels / rear wheels		2 / 2
	imber of frive wheels		2
		b10	1159 mm
	ont wheel gauge	b10	1176 mm
	ar wheel gauge	DII	1176 mm
	mensions	he /heh	0155 / 1000
	ight of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	2155 mm / 1990 mm
	at height/stand height	h7	1034 mm
	erall length	l1	4265 mm
	ngth to face of forks	12	3085 mm
	erall width	b1	1450 mm
	rks section x width x length	s / e / l	45 mm x 100 mm / 1200 mm
	rk carriage ISO 2328 (class/form) A/B		3A
	rk carriage width	b3	1260 mm
	ound clearance below mast	m1	300 mm
	ound clearance at centre of wheelbase	m2	320 mm
	sle width for 1000 x 1200 pallet widthways	Ast	4626 mm
	ming radius	Wa	2650 mm
	rformances		
	avel speed (laden / unladen)		12 km/h / 24.50 km/h
	ting speed (laden / unladen)		0.47 m/s / 0.46 m/s
	wering speed (laden / unladen)		0.50 m/s / 0.30 m/s
	awbar pull (Laden / Unladen)		1700 daN / 910 daN
	adeability (laden / unladen)		24 % / 22 %
	rvice brake		Hydraulic brakes by loss of pressure
	gine		
	gine power according to ISO 1585		37 kW
	gine brand / model / norm		Kubota / D1803 CRT E5B / Stage V
	gine power according to ISO 1585		37 kW
	ted speed		2700 rpm
	mber of cylinders / Capacity of cylinders		3 - 1826 cm³
	scellaneous		
8.1 Тур	pe of drive control		Electronic
8.2 Wo	orking hydraulic pressure for attachments		220 bar
8.3 Oil	flow rate for attachments		42 l/min
8.4 So	und level at the driver's ear according to DIN 12 053		79 dB

MC 30-2 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	۰	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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