Technical sheet:

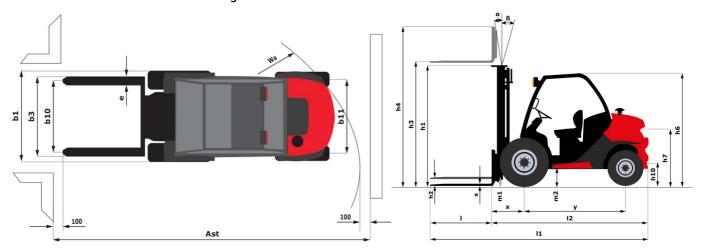
MC 30-2 ST5





		MC 30-2313	Created 011 7 Way 2024 at 00.07.00
Tec	hnical characteristics		Metric
1.1 Man	ufacturer		Manitou
1.2 Mod	lel Name		MC 30-2 ST5
1.3 Pow	er source		Diesel
1.4 Ope	rator type		Seated
1.5 Max	c. capacity	Q	3000 kg
1.6 Loa	d center of gravity	С	500 mm
1.8 Load	d distance, centre of drive axle to fork	x	626 mm
1.9 Whe	relbase	у	1900 mm
Wei	ght		
	idard mast reference of the machine		FVD 33
	ice weight		4220 kg
	ght on front axle (laden) / rear axle (laden)		6570 kg / 650 kg
	ght on front axle (Unladen) / rear axle (Unladen)		1570 kg / 2650 kg
Whe			1076 kg / 2000 kg
	s type		Pneumatic
	ensions of front wheels		12,5/80-18/12 SL R4
	ensions of rear wheels		7,00-12/12 ED PLUS
	nber of front wheels / rear wheels		2 / 2
	nber of drive wheels		2
		b10	1159 mm
	nt wheel gauge		
	r wheel gauge	b11	1176 mm
	ensions ght of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	2155 mm / 1000 mm
		h6 / h6*	2155 mm / 1990 mm 1034 mm
	t height/stand height	h7	
	rall length	l1	4265 mm
	gth to face of forks	12	3085 mm
	rall width	b1	1450 mm
	s section x width x length	s / e / l	45 mm x 100 mm / 1200 mm
	carriage ISO 2328 (class/form) A/B	10	3A
	carriage width	b3	1260 mm
	und clearance below mast	m1	300 mm
	und clearance at centre of wheelbase	m2	320 mm
	e width for 1000 x 1200 pallet widthways	Ast	4626 mm
	ing radius	Wa	2650 mm
	omances		
	el speed (laden / unladen)		12 km/h / 24.50 km/h
	ng speed (laden / unladen)		0.47 m/s / 0.46 m/s
	ering speed (laden / unladen)		0.50 m/s / 0.30 m/s
	wbar pull (Laden / Unladen)		1700 daN / 910 daN
5.7 Grad	deability (laden / unladen)		24 % / 22 %
5.10 Serv	ice brake		Hydraulic brakes by loss of pressure
Engi	ine Control of the Co		
7.2 Engi	ine power according to ISO 1585		37 kW
7.1 Engi	ine brand / model / norm		Kubota / D1803 CRT E5B / Stage V
7.2 Engi	ine power according to ISO 1585		37 kW
7.3 Rate	d speed		2700 rpm
7.4 Num	nber of cylinders / Capacity of cylinders		3 - 1826 cm³
Mis	cellaneous		
8.1 Type	e of drive control		Electronic
8.2 World	king hydraulic pressure for attachments		220 bar
8.3 Oil f	low rate for attachments		42 l/min
8.4 Soul	nd 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	٠	12	12	12	12	12	6
Mast/fork carriage tilt, backward	٠	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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