Technical sheet:

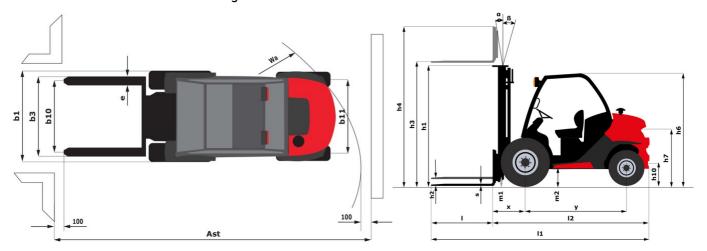
MC 30-2 ST5





		FIC 30-2313 Greate	d on December 3, 2023 at 4.42 Am
Te	echnical characteristics		Metric
1.1 M	lanufacturer		Manitou
1.2 M	lodel Name		MC 30-2 ST5
1.3 Pc	ower source		Diesel
1.4 0	perator type		Seated
1.5 M	lax. capacity	Q	3000 kg
1.6 Lo	pad center of gravity	С	500 mm
1.8 Lo	oad distance, centre of drive axle to fork	x	626 mm
1.9 W	heelbase	у	1900 mm
W	/eight		
	tandard mast reference of the machine		FVD 33
2.1 Se	ervice weight		4220 kg
	leight on front axle (laden) / rear axle (laden)		6570 kg / 650 kg
	reight on front axle (Unladen) / rear axle (Unladen)		1570 kg / 2650 kg
	/heels		1070 kg / 2000 kg
	ires type		Pneumatic
	imensions of front wheels		12,5/80-18/12 SL R4
	imensions of nontwineers		7,00-12/12 ED PLUS
	umber of front wheels / rear wheels		2 / 2
	umber of front wheels		2
	ront wheel gauge	b10	1159 mm
		b11	1176 mm
	ear wheel gauge imensions	011	1176 111111
	eight of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	2155 mm / 1990 mm
		h7	1034 mm
	eat height/stand height verall length	II7 I1	4265 mm
	ength to face of forks	12	3085 mm
	•		1450 mm
	verall width	b1	
	orks section x width x length	s / e / l	45 mm x 100 mm / 1200 mm 3A
	ork carriage ISO 2328 (class/form) A/B	ho.	
	ork carriage width	b3	1260 mm
	round clearance below mast	m1	300 mm
	round clearance at centre of wheelbase	m2	320 mm
	isle width for 1000 x 1200 pallet widthways	Ast	4626 mm
	uming radius	Wa	2650 mm
	erformances		
	ravel speed (laden / unladen)		12 km/h / 24.50 km/h
	fting speed (laden / unladen)		0.47 m/s / 0.46 m/s
	owering speed (laden / unladen)		0.50 m/s / 0.30 m/s
	rawbar pull (Laden / Unladen)		1700 daN / 910 daN
	radeability (laden / unladen)		24 % / 22 %
	ervice brake		Hydraulic brakes by loss of pressure
	ransmission type		Hydrostatic
	ngine		
	ngine brand / model / norm		Kubota / D1803 CRT E5B / Stage V
	ngine power (Hp / kW)		50 Hp/37 kW
	ated speed		2700 rpm
	umber of cylinders / Capacity of cylinders		3 - 1826 cm³
	liscellaneous		
8.1 Ty	ype of drive control		Electronic
8.2 W	forking hydraulic pressure for attachments		220 bar
8.3 Oi	il flow rate for attachments		42 l/min
8.4 Sc	ound 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)	
α - Mast/fork carriage tilt, forward	۰
β - Mast/fork carriage tilt, backward	۰
h1 - Mast lowered height	mm
h2 - Mast free lift	mm
h3 - Mast lifting height	mm
h4 - Mast extended height	mm
Residual capacity at max height	kg
Residual capacity with hooked-on side shift at max heigth	kg
Height at max capacity	mm
Height at max capacity with hooked-on sideshift	mm

FVD 37	FVD 45
12	12
10	10
2598	3038
117	117
3700	4500
4490	5290
1400	500
1400	500
2700	2800
2700	2800
	12 10 2598 117 3700 4490 1400

Free Lift Triplex (FLT)		FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
α - Mast/fork carriage tilt, forward	۰	12	12	12	12	12	6
β - 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
α - Mast/fork carriage tilt, forward	۰	12
β - 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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