Technical sheet:

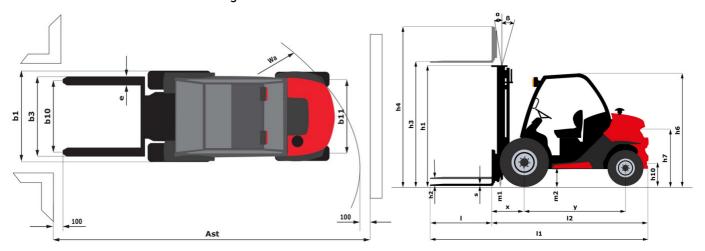
## MC 30-2 ST5





		FIC 30 2 313 orcated	Ton September 10, 2023 at 4.12 Aiv
Te	echnical characteristics		Metric
1.1 M	anufacturer		Manitou
1.2 M	odel Name		MC 30-2 ST5
1.3 Po	ower source		Diesel
1.4 0	perator type		Seated
1.5 M	ax. capacity	Q	3000 kg
1.6 Lo	oad center of gravity	С	500 mm
1.8 Lo	pad distance, centre of drive axle to fork	x	626 mm
1.9 W	heelbase	у	1900 mm
W	eight eight		
St	andard mast reference of the machine		FVD 33
2.1 Se	ervice weight		4220 kg
2.2 W	eight on front axle (laden) / rear axle (laden)		6570 kg / 650 kg
2.3 W	eight on front axle (Unladen) / rear axle (Unladen)		1570 kg / 2650 kg
W	heels		
3.1 Ti	res type		Pneumatic
3.2 Di	imensions of front wheels		12,5/80-18/12 SL R4
3.3 Di	imensions of rear wheels		7,00-12/12 ED PLUS
3.5 N	umber of front wheels / rear wheels		2/2
.5.2 N	umber of drive wheels		2
3.6 Fr	ont wheel gauge	b10	1159 mm
3.7 Re	ear wheel gauge	b11	1176 mm
Di	imensions		
I.7 H	eight of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	2155 mm / 1990 mm
4.8 Se	eat height/stand height	h7	1034 mm
.19 0	verall length	I1	4265 mm
.20 Le	ength to face of forks	12	3085 mm
.21 0	verall width	b1	1450 mm
.22 Fo	orks section x width x length	s / e / l	45 mm x 100 mm / 1200 mm
.23 Fo	ork carriage ISO 2328 (class/form) A/B		3A
.24 Fo	ork carriage width	b3	1260 mm
.31 Gi	round clearance below mast	m1	300 mm
.32 G	round clearance at centre of wheelbase	m2	320 mm
.33 Ai	isle width for 1000 x 1200 pallet widthways	Ast	4626 mm
.35 Tu	uming radius	Wa	2650 mm
Pe	erformances		
5.1 Tr	avel 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 %
.10 Se	ervice brake		Hydraulic brakes by loss of pressure
Tr	ransmission type		Hydrostatic
Er	ngine		
7.1 Er	ngine brand / model / norm		Kubota / D1803 CRT E5B / Stage V
7.2 1.0	C. Engine power rating		37 kW
	ated speed		2700 rpm
	umber of cylinders / Capacity of cylinders		3 - 1826 cm³
	iscellaneous		
	/pe of drive control		Electronic
	orking hydraulic pressure for attachments		220 bar
	il flow rate for attachments		42 l/min
	bund 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

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	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
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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