Technical sheet:

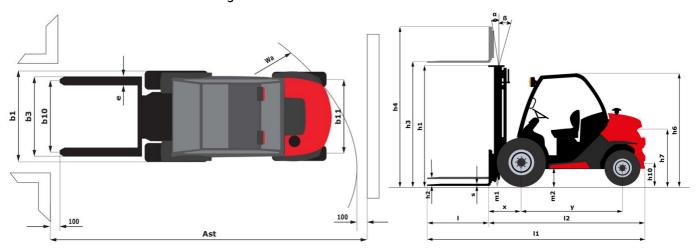
MC 30-2 ST5





		MC 30-2313 Orcated	on September 10, 2023 at 4.23 Aiv
Tec	chnical characteristics		Metric
1.1 Mar	nufacturer		Manitou
1.2 Mod	del Name		MC 30-2 ST5
1.3 Pow	ver source		Diesel
1.4 Ope	erator type		Seated
1.5 Max	x. capacity	Q	3000 kg
1.6 Loa	d center of gravity	С	500 mm
1.8 Loa	d distance, centre of drive axle to fork	x	626 mm
1.9 Whe	eelbase	у	1900 mm
Wei	ight		
Star	ndard mast reference of the machine		FVD 33
2.1 Sen	vice weight		4220 kg
2.2 Wei	ight on front axle (laden) / rear axle (laden)		6570 kg / 650 kg
2.3 Wei	ight on front axle (Unladen) / rear axle (Unladen)		1570 kg / 2650 kg
Who	eels		
3.1 Tire	es type		Pneumatic
3.2 Dim	nensions of front wheels		12,5/80-18/12 SL R4
3.3 Dim	nensions of rear wheels		7,00-12/12 ED PLUS
3.5 Nur	mber of front wheels / rear wheels		2/2
.5.2 Nur	mber of drive wheels		2
3.6 From	nt wheel gauge	b10	1159 mm
3.7 Rea	r wheel gauge	b11	1176 mm
Dim	nensions		
1.7 Hei	ght of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	2155 mm / 1990 mm
4.8 Sea	at height/stand height	h7	1034 mm
.19 Ove	erall length	I1	4265 mm
.20 Len	igth to face of forks	12	3085 mm
.21 Ove	erall width	b1	1450 mm
.22 For	ks section x width x length	s / e / I	45 mm x 100 mm / 1200 mm
.23 Forl	k carriage ISO 2328 (class/form) A/B		3A
.24 For	k carriage width	b3	1260 mm
.31 Gro	und clearance below mast	m1	300 mm
.32 Gro	und clearance at centre of wheelbase	m2	320 mm
.33 Ais	le width for 1000 x 1200 pallet widthways	Ast	4626 mm
.35 Tur	ning radius	Wa	2650 mm
Per	formances		
5.1 Trav	vel speed (laden / unladen)		12 km/h / 24.50 km/h
5.2 Lift	ing speed (laden / unladen)		0.47 m/s / 0.46 m/s
5.3 Low	vering speed (laden / unladen)		0.50 m/s / 0.30 m/s
5.5 Dra	wbar pull (Laden / Unladen)		1700 daN / 910 daN
5.7 Gra	deability (laden / unladen)		24 % / 22 %
.10 Sen	vice brake		Hydraulic brakes by loss of pressure
Trai	nsmission type		Hydrostatic
Eng	jine		
7.1 Eng	jine brand / model / norm		Kubota / D1803 CRT E5B / Stage V
7.2 I.C.	Engine power rating		37 kW
7.3 Rate	ed speed		2700 rpm
7.4 Nur	mber of cylinders / Capacity of cylinders		3 - 1826 cm³
Mis	cellaneous		
3.1 Тур	e of drive control		Electronic
3.2 Wor	rking hydraulic pressure for attachments		220 bar
B.3 Oil	flow rate for attachments		42 l/min
8.4 Sou	and 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 33	FVD 37	FVD 45
12	12	12
10	10	10
2338	2598	3038
117	117	117
3300	3700	4500
4090	4490	5290
1400	1400	500
1400	1400	500
2700	2700	2800
2700	2700	2800

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	٠	12
β - 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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