Technical sheet:

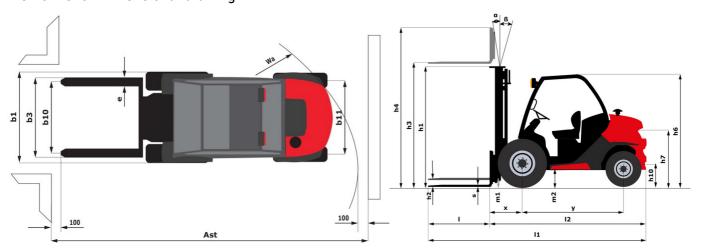
MC 25-4 ST5





Т	echnical characteristics		Metric
1.1 M	Manufacturer		Manitou
1.2 N	Model Name		MC 25-4 ST5
1.3 P	Power source		Diesel
1.4 0	perator type		Seated
1.5 N	Max. capacity	Q	2500 kg
1.6 L	oad center of gravity	С	500 mm
1.8 L	oad distance, centre of drive axle to fork	X	621 mm
	Vheelbase	у	1900 mm
٧	Veight		
	Standard mast reference of the machine		FVD 33
2.1 S	Service weight		4290 kg
2.2 W	Veight on front axle (laden) / rear axle (laden)		5970 kg / 820 kg
	Veight on front axle (Unladen) / rear axle (Unladen)		1780 kg / 2510 kg
	Vheels		
	ires type		Pneumatic
	Dimensions of front wheels		12,5/80-18/12 SL R4
	Dimensions of rear wheels		27x10-12 SKS
	lumber of front wheels / rear wheels		2/2
	lumber of drive wheels		4
	ront wheel gauge	b10	1159 mm
	lear wheel gauge	b11	1176 mm
	Dimensions	511	1170 11111
	leight of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	2155 mm / 1990 mm
	eat height/stand height	h7	1094 mm
	Overall length	l1	4195 mm
	ength to face of forks	12	3045 mm
	organ to race of ronks	b1	1450 mm
	orks section x width x length	s / e / l	40 mm x 100 mm / 1200 mm
	ork carriage ISO 2328 (class/form) A/B	37671	2A
	ork carriage width	b3	1260 mm
	Fround clearance below mast	m1	300 mm
	Fround clearance at centre of wheelbase	m2	310 mm
	ruming radius	Wa	3405 m
	•	wa	3405 III
	Performances		10 loss (b. / 04 50 loss (b.
	ravel speed (laden / unladen)		12 km/h / 24.50 km/h
	ifting speed (laden / unladen)		0.47 m/s / 0.46 m/s
	owering speed (laden / unladen)		0.50 m/s / 0.30 m/s
	Orawbar pull (Laden)		3100 daN
	Gradeability (laden)		51 %
	ervice brake		Hydraulic brakes by loss of pressure
	ingine		
	ingine power according to ISO 1585		37 kW
	ingine brand / model / norm		Kubota / D1803 CRT E5B / Stage V
	ingine power according to ISO 1585		37 kW
	lated speed		2700 rpm
	lumber of cylinders / Capacity of cylinders		3 - 1826 cm³
	Aiscellaneous		
	ype of drive control		Electronic
	Vorking hydraulic pressure for attachments		200 bar
8.3	Dil flow rate for attachments		42 l/min

MC 25-4 ST5 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 37	FVD 45
Mast/fork carriage tilt, forward	٠	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	112	112	112
h3 - Mast lifting height	mm	3300	3700	4500
h4 - Mast extended height	mm	4090	4490	5290
Residual capacity at max height	kg	2500	1450	800
Residual capacity with hooked-on side shift at max heigth	kg	2500	1450	800
Height at max capacity	mm	3000	3000	3000
Height at max capacity with hooked-on sideshift	mm	3000	3000	3000

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	1210	1310	1410	1510	1660	1920
h3 - Mast lifting height	mm	3400	3700	4000	4300	4700	5500
h4 - Mast extended height	mm	4236	4536	4836	5168	5536	6408
Residual capacity at max height	kg	1900	1500	1350	800	700	500
Residual capacity with hooked-on side shift at max heigth	kg	1800	1450	1350	700	700	5000
Height at max capacity	mm	3000	2900	3000	3000	3000	3000
Height at max capacity with hooked-on sideshift	mm	3000	3000	3000	3000	3000	3000

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	124
h3 - Mast lifting height	mm	3300
h4 - Mast extended height	mm	4079
Height at max capacity	mm	2500





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