Technical sheet:

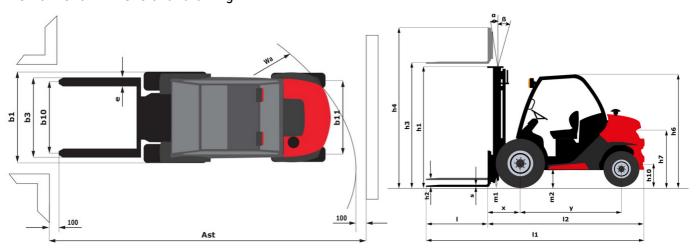
## MC 25-4 ST5





		MC 25-4 ST5 GR	ited on May 2, 2024 at 10.54.54 PM
Te	echnical characteristics		Metric
1.1 Ma	anufacturer		Manitou
1.2 Me	odel Name		MC 25-4 ST5
1.3 Po	ower source		Diesel
1.4 Or	perator type		Seated
	ax. capacity	Q	2500 kg
	ad center of gravity	C	500 mm
	and distance, centre of drive axle to fork	X	621 mm
	heelbase	у	1900 mm
	eight		
	ervice weight		4290 kg
	eight on front axle (laden) / rear axle (laden)		5970 kg / 820 kg
	eight on front axle (Unladen) / rear axle (Unladen)		1780 kg / 2510 kg
	heels		1700 kg / 2010 kg
	res type		Pneumatic
	mensions of front wheels		12,5/80-18/12 SL R4
	mensions of rear wheels		27x10-12 SKS
	umber of front wheels / rear wheels		2 / 2
	umber of drive wheels		4
	ont wheel gauge	b10	1159 mm
		b10	1176 mm
	ear wheel gauge	DII	1178 111111
	mensions	hc / hc+	2155 mm / 1990 mm
	eight of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	
	eat height/stand height	h7	1094 mm
	verall length	11	4195 mm
	ength to face of forks	12	3045 mm
	verall width	b1	1450 mm
	rks section x width x length	s / e / l	40 mm x 100 mm / 1200 mm
	rk carriage ISO 2328 (class/form) A/B		2A
	rk carriage width	b3	1260 mm
	round clearance below mast	m1	300 mm
	round clearance at centre of wheelbase	m2	310 mm
	rming radius	Wa	3405 m
	erformances		
	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
	awbar pull (Laden)		3100 daN
	adeability (laden)		51 %
	rvice brake		Hydraulic brakes by loss of pressure
	ngine		
	gine power according to ISO 1585		37 kW
	igine brand / model / norm		Kubota / D1803 CRT E5B / Stage V
	igine power according to ISO 1585		37 kW
7.3 Ra	ated speed		2700 rpm
7.4 Nu	umber of cylinders / Capacity of cylinders		3 - 1826 cm³
M	iscellaneous		
8.1 Ty	pe of drive control		Electronic
8.2 W	orking hydraulic pressure for attachments		200 bar
8.3 Oi	I 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	٠	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	۰	12	12	12	12	12	6
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	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	۰	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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