Technical sheet:

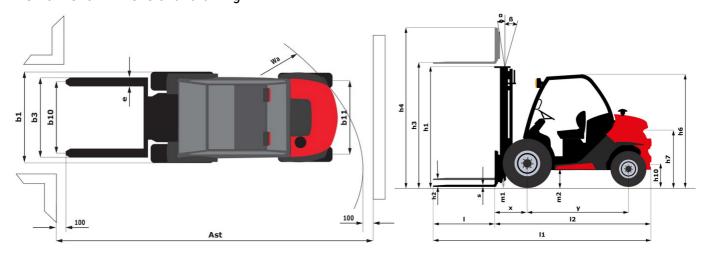
## MC 25-2 ST5





		MC 25-2315 Gleat	led on August 19, 2025 at 10.52 AM
1	Technical characteristics		Metric
1.1 N	Manufacturer		Manitou
1.2 N	Model Name		MC 25-2 ST5
1.3 F	Power source		Diesel
1.4	Operator type		Seated
	Max. capacity	Q	2500 kg
	oad center of gravity	c	500 mm
	oad distance, centre of drive axle to fork	X	621 mm
	Vheelbase	٧	1900 mm
	Veight		
	Standard mast reference of the machine		FVD 33
	Service weight		4200 kg
	Veight on front axle (laden) / rear axle (laden)		5970 kg / 730 kg
	Weight on front axle (Unladen) / rear axle (Unladen)		1820 kg / 2380 kg
	Wheels		1020 kg / 2000 kg
	Tires type		Pneumatic
	Dimensions of front wheels		12,5/80-18/12 SL R4
	Dimensions of rear wheels		7.00-12/12 ED PLUS
	Number of front wheels / rear wheels		2 / 2
	Number of drive wheels		2
	Front wheel gauge	b10	1159 mm
	Rear wheel gauge	b11	1112 mm
	Dimensions	511	1112 11111
	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	2155 mm / 1990 mm
	Seat height/stand height	h7	1034 mm
	overall length	II7	4195 mm
	ength to face of forks	12	3045 mm
	Overall width	b1	1450 mm
	orks section x width x length	s / e / l	40 mm x 100 mm / 1200 mm
	•	\$7.671	2A
	ork carriage ISO 2328 (class/form) A/B	b3	1260 mm
	ork carriage width		300 mm
	Ground clearance below mast	m1	
	Ground clearance at centre of wheelbase	m2	320 mm
	Turning radius	Wa	2620 mm
	Performances		
	Travel 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 / Unladen)		1700 daN / 910 daN
	Gradeability (laden)		29 %
	Service brake		Hydraulic brakes by loss of pressure
	Transmission type		Hydrostatic
	Engine Control of the		
	ingine brand / model / norm		Kubota / D1803 CRT E5B / Stage V
	.C. Engine power rating		37 kW
	Rated speed		2700 rpm
	lumber of cylinders / Capacity of cylinders		3 - 1826 cm³
- N	Miscellaneous		
	Type of drive control		Electronic
	Vorking hydraulic pressure for attachments		200 bar
8.3	Dil flow rate for attachments		42 l/min

## MC 25-2 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
112	112	112
3300	3700	4500
4090	4490	5290
2500	1450	800
2500	1450	800
3000	3000	3000
3000	3000	3000
	-	

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	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	500
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
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	124
h3 - Mast lifting height	mm	3300
h4 - Mast extended height	mm	4079
Height at max capacity	mm	2500





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