Technical sheet:

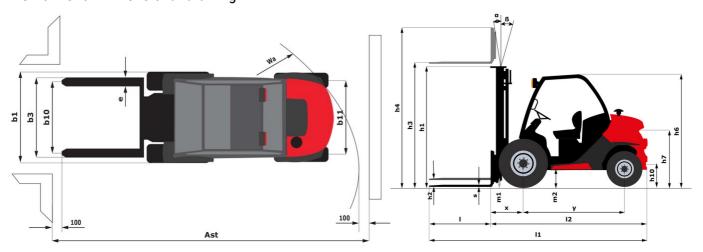
MC 25-2 ST5





		MC 25-2 ST5 U	eated on May 5, 2024 at 4:32:43 AM
	Technical characteristics		Metric
1.1	Manufacturer		Manitou
1.2	Model Name		MC 25-2 ST5
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	2500 kg
	Load center of gravity	С	500 mm
	Load distance, centre of drive axle to fork	x	621 mm
1.9	Wheelbase	У	1900 mm
	Weight		
	Standard mast reference of the machine		FVD 33
2.1	Service weight		4200 kg
	Weight on front axle (laden) / rear axle (laden)		5970 kg / 730 kg
	Weight on front axle (Unladen) / rear axle (Unladen)		1820 kg / 2380 kg
	Wheels		, , , , , , , , , , , , , , , , , , ,
	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	b10	1112 mm
	Dimensions	DIII	1112 111111
	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
	•	12	3045 mm
	Length to face of forks	b1	1450 mm
	Overall width	s / e / l	40 mm x 100 mm / 1200 mm
	Forks section x width x length	\$7 6 / 1	2A
	Fork carriage ISO 2328 (class/form) A/B	h-0	1260 mm
	Fork carriage width	b3	300 mm
	Ground clearance below mast	m1	
	Ground clearance at centre of wheelbase	m2	320 mm
	Tuming radius	Wa	2620 mm
	Performances		
	Travel speed (laden / unladen)		12 km/h / 24.50 km/h
	Lifting speed (laden / unladen)		0.47 m/s / 0.46 m/s
	Lowering speed (laden / unladen)		0.50 m/s / 0.30 m/s
	Drawbar pull (Laden / Unladen)		1700 daN / 910 daN
	Gradeability (laden)		29 %
	Service brake		Hydraulic brakes by loss of pressure
	Engine		
	Engine power according to ISO 1585		37 kW
	Engine brand / model / norm		Kubota / D1803 CRT E5B / Stage V
7.2	Engine power according to ISO 1585		37 kW
7.3	Rated speed		2700 rpm
7.4	Number of cylinders / Capacity of cylinders		3 - 1826 cm³
	Miscellaneous		
8.1	Type of drive control		Electronic
8.2	Working hydraulic pressure for attachments		200 bar
8.3	Oil flow rate for attachments		42 I/min

MC 25-2 ST5 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 37	FVD 45
Mast/fork carriage tilt, forward	۰	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	۰	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	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
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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