Technical sheet :

## MC 25-2 ST5



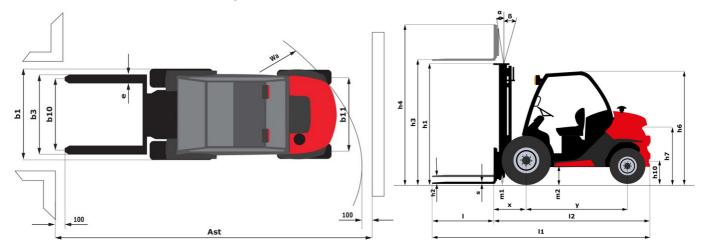


	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	
1.6	Load center of gravity	
1.8	Load distance, centre of drive axle to fork	
1.9	Wheelbase	
	Weight	
	Standard mast reference of the machine	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
	Wheels	
3.1	Tires type	
3.2	Dimensions of front wheels	
3.3	Dimensions of rear wheels	
3.5	Number of front wheels / rear wheels	
8.5.2	Number of drive wheels	
3.6	Front wheel gauge	
3.7	Rear wheel gauge	
	Dimensions	
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	
4.8	Seat height/stand height	
.19	Overall length	
.20	Length to face of forks	
.20	Overall width	
.22	Forks section x width x length	
.22	Fork carriage ISO 2328 (class/form) A/B	
.23	Fork carriage width	
	Ground clearance below mast	
.31		
.32	Ground clearance at centre of wheelbase	
.35	Tuming radius	
	Performances	
5.1	Travel speed (laden / unladen)	
.2	Lifting speed (laden / unladen)	
.3	Lowering speed (laden / unladen)	
5.5 	Drawbar pull (Laden / Unladen)	
5.7	Gradeability (laden)	
.10	Service brake	
	Transmission type	
	Engine	
.1	Engine brand / model / norm	
.2	I.C. Engine power rating	
7.3	Rated speed	
7.4	Number of cylinders / Capacity of cylinders	
	Miscellaneous	
3.1	Type of drive control	
.2	Working hydraulic pressure for attachments	
3.3	Oil flow rate for attachments	

## MC 25-2 ST5 Created on April 17, 2025 at 4:48 AM UTC

	Metric
	Manitou
	MC 25-2 ST5
	Diesel
	Seated
Q	2500 kg
с	500 mm
x	621 mm
у	1900 mm
,	
	FVD 33
	4200 kg
	5970 kg / 730 kg
	1820 kg / 2380 kg
	Pneumatic
	12,5/80-18/12 SL R4
	7.00-12/12 ED PLUS
	2 / 2
	2
b10	1159 mm
b11	1112 mm
( ) h ( th	0155 mm / 1000 mm
6 / h6*	2155 mm / 1990 mm
h7	1034 mm
11	4195 mm
12	3045 mm
b1	1450 mm
/ e / l	40 mm x 100 mm / 1200 mm
	2A
b3	1260 mm
m1	300 mm
m2	320 mm
Wa	2620 mm
	12 km/h / 24.50 km/h
	0.47 m/s / 0.46 m/s
	0.47 m/s / 0.40 m/s
	1700 daN / 910 daN
	29 %
	Hydraulic brakes by loss of pressure
	Hydrostatic
	Kubota / D1803 CRT E5B / Stage V
	37 kW
	2700 rpm
	3 - 1826 cm³
	Electronic
	200 bar
	42 l/min

## MC 25-2 ST5 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 37	FVD 45
α - Mast/fork carriage tilt, forward	۰	12	12	12
β - 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
α - Mast/fork carriage tilt, forward	٥	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	٥	12
$\beta$ - Mast/fork carriage tilt, backward	٥	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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