Technical sheet :

MC 25-4 ST5

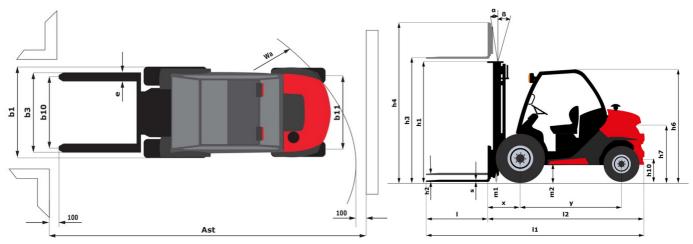




Technical characteristics Manufacturer Model Name Power source Operator type Max. capacity Load center of gravity Load distance, centre of drive axle to fork Wheelbase Weight Service weight Weight on front axle (laden) / rear axle (laden) Wheels Tires type Dimensions of front wheels Dimensions of rear wheels Number of front wheels / rear wheels Number of drive wheels
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Dimensions of rear wheels Number of front wheels / rear wheels
Number of front wheels / rear wheels
Number of drive wheels
Front wheel gauge
Rear wheel gauge
Dimensions
Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)
Seat height/stand height
Overall length
Length to face of forks
Overall width
Forks section x width x length
Fork carriage ISO 2328 (class/form) A/B
Fork carriage width
-
Ground clearance below mast
Ground clearance at centre of wheelbase
Turning radius
Performances
Travel speed (laden / unladen)
Lifting speed (laden / unladen)
Lowering speed (laden / unladen)
Drawbar pull (Laden)
Gradeability (laden)
Service brake
Engine
Engine power according to ISO 1585
Engine brand / model / norm
Engine power according to ISO 1585
Rated speed
Number of cylinders / Capacity of cylinders
Miscellaneous
Type of drive control Working hydraulic pressure for attachments

313	Gleated off May 2, 2024 at 5.17.52 p.m. 010
	Metric
	Manitou
	MC 25-4 ST5
	Diesel
	Seated
	2500 kg
	500 mm
	621 mm
	1900 mm
	4290 kg
	5970 kg / 820 kg
	1780 kg / 2510 kg
	Pneumatic
	12,5/80-18/12 SL R4
	27x10-12 SKS
	2/2
	4
	1159 mm
	1176 mm
6*	2155 mm / 1990 mm
	1094 mm
	4195 mm
	3045 mm
	1450 mm
/1	40 mm x 100 mm / 1200 mm
	2A
	1260 mm
	300 mm
	310 mm
	3405 m
	12 km/h / 24.50 km/h
	0.47 m/s / 0.46 m/s
	0.50 m/s / 0.30 m/s
	3100 daN
	51 %
	Hydraulic brakes by loss of pressure
	37 kW
	Kubota / D1803 CRT E5B / Stage V
	37 kW
	2700 rpm
	3 - 1826 cm³
	Electronic
	200 bar
	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	۰	12	12	12
Mast/fork carriage tilt, backward	٥	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	٥	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	° 12
Mast/fork carriage tilt, backward	° 10
h1 - Mast lowered height mr	m 1878
h2 - Mast free lift mr	m 124
h3 - Mast lifting height mr	m 3300
h4 - Mast extended height mr	m 4079
Height at max capacity mr	m 2500



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