Technical sheet :

## MC 25-4 ST5

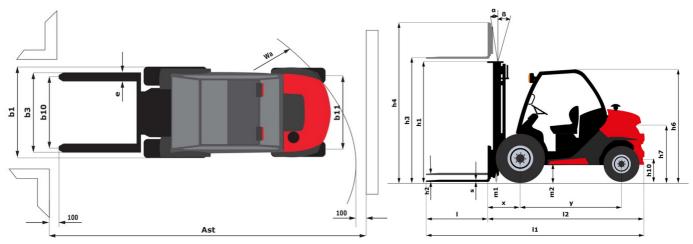




	Technical characteristics	
	Manufacturer	
	Model Name	
	Power source	
	Operator type	
	Max. capacity	
	Load center of gravity	
	Load distance, centre of drive axle to fork	
	Wheelbase	
	Weight	
	Service weight	
	Weight on front axle (laden) / rear axle (laden)	
	Weight on front axle (Unladen) / rear axle (Unladen)	
	Wheels	
	Tires type	
	Dimensions of front wheels	
	Dimensions of rear wheels	
	Number of front wheels / rear wheels	
2	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	
9	Overall length	
D	Length to face of forks	
1	Overall width	
2	Forks section x width x length	
3	Fork carriage ISO 2328 (class/form) A/B	
4	Fork carriage width	
1	Ground clearance below mast	
2	Ground clearance at centre of wheelbase	
5	Turning radius	
	Performances	
	Travel speed (laden / unladen)	
	Lifting speed (laden / unladen)	
	Lowering speed (laden / unladen)	
	Drawbar pull (Laden)	
	Gradeability (laden)	
D	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	
	Oil flow rate for attachments	

-4 ST 5	Created on May 3, 2024 at 10.22.34 AM UTC
	Меtric
	Manitou
	MC 25-4 ST5
	Diesel
	Seated
Q	2500 kg
С	500 mm
х	621 mm
у	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
b10	1159 mm
b11	1176 mm
6 / h6*	2155 mm / 1990 mm
h7	1094 mm
11	4195 mm
12	3045 mm
b1	1450 mm
/ e / l	40 mm x 100 mm / 1200 mm
b3	2A 1260 mm
m1	300 mm
m2	310 mm
Wa	3405 m
wa	J+0J III
	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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