Technical sheet :

MC 25-4 ST5

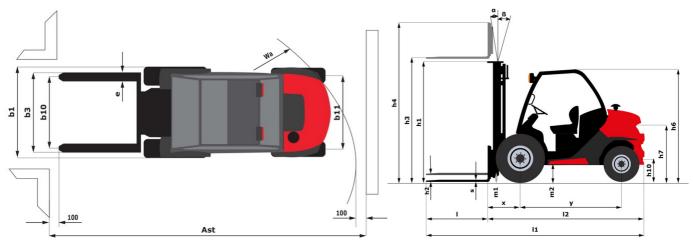




	Technical characteristics	
1	Manufacturer	
2	Model Name	
	Power source	
.4	Operator type	
.5	Max. capacity	
5	Load center of gravity	
8	Load distance, centre of drive axle to fork	
)	Wheelbase	
	Weight	
1	Service weight	
	Weight on front axle (laden) / rear axle (laden)	
3	Weight on front axle (Unladen) / 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	
2	Front wheel gauge	
	Rear wheel gauge	
7	Dimensions	
7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	
3		
9	Seat height/stand height Overall length	
	Length to face of forks	
20 21	Overall width	
22		
22	Forks section x width x length	
	Fork carriage ISO 2328 (class/form) A/B	
24	Fork carriage width	
31	Ground clearance below mast	
32	Ground clearance at centre of wheelbase	
35	Turning radius	
1	Performances	
	Travel speed (laden / unladen)	
2	Lifting speed (laden / unladen)	
8	Lowering speed (laden / unladen)	
5 7	Drawbar pull (Laden)	
	Gradeability (laden)	
)	Service brake	
	Engine	
	Engine power according to ISO 1585	
	Engine brand / model / norm	
2	Engine power according to ISO 1585	
3	Rated speed	
4	Number of cylinders / Capacity of cylinders	
	Miscellaneous	
	Type of drive control	
2	Working hydraulic pressure for attachments	
3	Oil flow rate for attachments	

25-4 ST5	Created on May 3, 2024 at 4:19:26 AM UTC
	Metric
	Manitou
	MC 25-4 ST5
	Diesel
	Seated
Q	2500 kg
с	500 mm
x	621 mm
y	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
h6 / h6*	2155 mm / 1990 mm
h7	1094 mm
11	4195 mm
12	3045 mm
b1	1450 mm
s / e / l	40 mm x 100 mm / 1200 mm
	2A
b3	1260 mm
m1	300 mm
m2	310 mm
Wa	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	٥	12	12	12	12	12	6
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	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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