Technical sheet :

MC 25-4 ST5

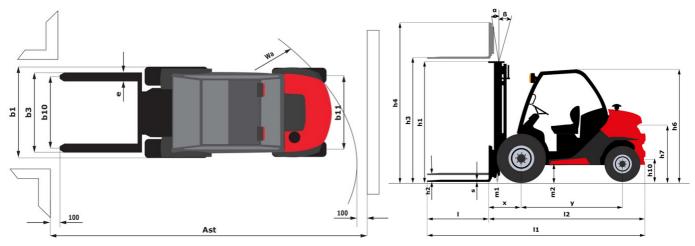




Technical characteristics	
Manufacturer	
Model Name	
Power source	
Operator type	
Max. capacity	
Load center of gravity	
Load distance, centre of drive axle to fork	< c
Wheelbase	
Weight	
Service weight	
Weight on front axle (laden) / rear axle (la	aden)
Weight on front axle (Unladen) / rear axle	
Wheels	
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	
	II height of Iow 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	
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 brand / model / norm Engine power according to ISO 1585	
Rated speed	
Number of cylinders / Capacity of cylinde	219
Miscellaneous	
Type of drive control	
<i>,</i> ,	to
5,7 1	15
Oil flow rate for attachments	

25-4 ST5	Created on 19 April 2024 at 08.45.35 010			
	Metric			
	Metric Manitou			
	MC 25-4 ST5			
	Diesel			
	Seated			
Q	2500 kg			
С	500 mm			
x	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			
1.10				
b10	1159 mm			
b11	1176 mm			
16 / 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 cm ³			
	Electronic			
	200 bar			
	42 l/min			
	72 1/ 11111			

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	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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