Technical sheet :

## MC 30-4 ST5

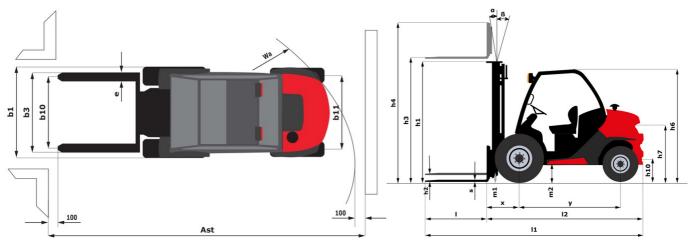




Technical characteristics	
Manufacturer	
Model Name	
Power source	
Operator type	
Max. capacity	
Load center of gravity	
Load distance, centre of drive axle to fork	
Wheelbase	
Weight	
Standard mast reference of the machine	
Service weight	
Weight on front axle (laden) / rear axle (laden)	
Wheels	
Tires type	
Dimensions of front wheels	
Dimensions of rear wheels	
Number of front wheels / rear wheels	
Number of drive wheels	
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	
Ground clearance below mast	
Ground clearance at centre of wheelbase	
Aisle width for 1000 x 1200 pallet widthways	
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	
Oil flow rate for attachments	
Sound level at the driver's ear according to DIN 12 053	
Sound rever at the universitial according to Drive 12 035	

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Metric
Manitou
MC 30-4 ST5
Diesel
Seated
3000 kg
500 mm
626 mm
1900 mm
FVD 33
4440 kg
6650 kg / 790 kg
Draumatia
Pneumatic
12,5/80-18/12 SL R4
27x10-12 SKS
2 / 2
4 1159 mm
1176 mm
117611111
2155 mm / 1990 mm
1094 mm
4235 mm
3085 mm
1450 mm
45 mm x 100 mm / 1200 mm
3A
300 mm
310 mm
5461 mm
3435 mm
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
46 %
Hydraulic brakes by loss of pressure
37 kW
Kubota / D1803 CRT E5B / Stage V
37 kW
2700 rpm
3 - 1826 cm <sup>3</sup>
Electronic
42 l/min
79 dB

## MC 30-4 ST5 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 37	FVD 45
Mast/fork carriage tilt, forward	٥	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	117	117	117
h3 - Mast lifting height	mm	3300	3700	4500
h4 - Mast extended height	mm	4090	4490	5290
Residual capacity at max height	kg	1400	1400	500
Residual capacity with hooked-on side shift at max heigth	kg	1400	1400	500
Height at max capacity	mm	2700	2700	2800
Height at max capacity with hooked-on sideshift	mm	2700	2700	2800

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	1235	1335	1435	1585	1685	2035
h3 - Mast lifting height	mm	3400	3700	4000	4300	4700	5500
h4 - Mast extended height	mm	4236	4536	4836	5136	5536	6336
Residual capacity at max height	kg	1900	1500	1300	1400	430	500
Residual capacity with hooked-on side shift at max heigth	kg	1800	1400	1250		400	400
Height at max capacity	mm	2700	2600	2700	3100	2700	2500
Height at max capacity with hooked-on sideshift	mm	2700	2600	2700		2700	2500

Full Visibility Triplex (FVT)		FVT 33
Mast/fork carriage tilt, forward	۰	12
Mast/fork carriage tilt, backward	٥	10
h1 - Mast lowered height	mm	1878
h2 - Mast free lift	mm	129
h3 - Mast lifting height	mm	3300
h4 - Mast extended height	mm	4079
Height at max capacity	mm	2500



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