

MC30 - MC50 - MC70

TECHNICAL DATA SHEET



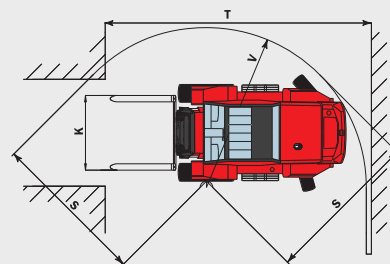
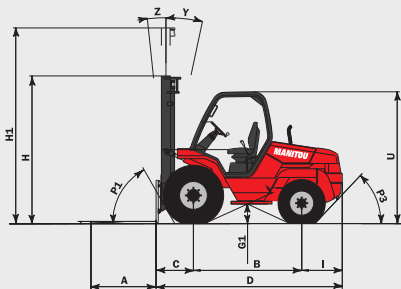
 **MANITOU**

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MC30 - MC50 - MC70

	MC 30	MC 50	MC 70
Lifting capacity	3000 kg at 500 mm Load Center	5000 kg at 600 mm Load Center	7000 kg at 600 mm Load Center
Standard lifting height	3.70 m	3.70 m	4.00 m
Tyres			
Front	14.5 R20 MPT 80	18-19.5 18 PR A224	18 R19.5 XF Tubeless
Rear	10R 17.5 134/132 M G291	10R 17.5 G291	265/70 R19.5 136/135 M HSR1
Forks (mm)			
Length x width x thickness	1200 x 125 x 40	1200 x 150 x 60	1500 x 150 x 70
Braking	multidisc oil immersed on front axle		
Engine	PERKINS		
Type	1104 D - 44 T (Stage 3 A)		
Cubic capacity	4 cyl. - 4400 cm ³		
Power (ISO/TR 14396)	95 HP/70 kW		
Maximum torque	392 Nm at 1400 rpm		
Cooling	water		
Injection	direct		
Gradeability unladen / laden	27%/58%	28%/59%	21%/45%
Transmission	torque converter		
Gears	mechanical	Powershift	
Reversing shift	electro-hydraulic		
Speeds	4 forward and 4 backward	4 forward and 3 backward	
Differential lock	hydraulic	electro-hydraulic	
Hydraulics			
Geared main pump	85 l/min - 185 bar	85 l/min - 210 bar	85 l/min - 230 bar
Priority Load sensing flow divider	85 l/min - 125 bar	85 l/min - 145 bar	85 l/min - 145 bar
Controls	hydro-proportional levers for all movements		
Capacities			
Cooling system	14.5 l		
Engine oil	8.5 l		
Hydraulic oil	64 l	80 l	108 l
Transmission oil	15.5 l	12.5 l	
Fuel	85 l		115 l
Unladen weight (with standard mast and forks)	5090 kg	7825 kg	9810 kg
Width overall	1900 mm	2060 mm	2150 mm
Height overall (with standard mast)	2715 mm	2855 mm	3405 mm
Length overall (with standard forks)	4642 mm	4955 mm	5660 mm
Ground clearance	385 mm	365 mm	385 mm
Drawbar pull	4830 daN	6089 daN	7960 daN
Noise at driving position (LpA)	77 dB	76 dB	
Environmental noise (LWA)	104 dB		103 dB
Vibration to whole hand/arm	< 2.5 m/s ²		

mm	MC 30	MC 50	MC 70
A	1200	1200	1500
B	1995	2063	2493
C	697	772	803
D	3442	3755	4160
G1	385	365	385
H	2715	2855	3405
H1	4745	4750	5405
I	750	920	864
K	1470	1670	1750
P1	60,5°	33,5°	38°
P3	46,5°	37°	45°
S	3060	3255	3510
T	5307	5570	6715
U	2460	2420	2440
V	3210	3395	4210
Y	12°	15°	15°
Z	6°	15°	15°



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