

MLT 741-120

TECHNICAL DATA SHEET



 **MANITOU**

www.manitou.com

	MLT 741 120	MLT 741 120 PS
Lifting		
Max. capacity	4100 kg	
Max. lifting height	6.9 m	
Max. outreach	3.93 m	
Reach at max. height	1.03 m	
Break-out force with bucket	5550 daN	
Unladen time		
Lifting	7 secs	
Lowering	5.30 secs	
Extension	8.20 secs	
Retraction	6.20 secs	
Crowd	3.50 secs	
Dump	3 secs	
Tyres	460/70-24	
Service Brake	hydraulic oil immersed multi-disc braking on front/rear axles	
Engine	DEUTZ STAGE IIIB	
Type	TCD 3.6 l	
Cubic capacity	3600 cm ³	
Power	122 HP - 90 kW	
Max. torque	465 Nm@1400 rpm	
Injection	direct	
Cooling	air and water	
Laden drawbar pull	8060 daN	9045 daN
Transmission	torque converter	
Gearbox	Powershuttle	Powershift
Reversing shift	electrohydraulic control	
Number of gears (forward/reverse)	4/4	6/3
Max. travel speed (may vary according to applicable regulations)	35 kph	40 kph
Hydraulics		
Pump	150 l/min - 270 bar	
Control valve	DDIC	
Capacities		
Hydraulic oil	135 l	
Fuel	120 l	
Unladen weight (with forks)	7495 kg	7650 kg
Dimensions		
1. Ground clearance	0.44 m	
2. Overall length to carriage	4.92 m	
3. Wheelbase	2.81 m	
4. Overall width of cab	0.98 m	
5. Overall width	2.4 m	
6. Overall height	2.35 m	
Standard forks (length x width x thickness)	1200 x 125 x 50 mm	
Turning radius (over tyres)	3.92 m	
Noise and vibration		
Noise at driving position (LpA)	79 dB	
Environmental noise (LwA)	105 dB	
Vibration to whole hand/arm	<2.5 m/s ²	

Rough terrain load chart standard EN1459 B

Machine on tyres with forks

