

MLT 735

TECHNICAL DATA SHEET



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	MLT 735 100	MLT 735 120	MLT 735 120 PS
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	MLT 735 100	MLT 735 120	MLT 735 120 PS
Lifting			
Max. capacity	3500 kg		
Max. lifting height	6.9 m		
Max. outreach	3.9 m		
Reach at max. height	1.03 m		
Break-out force with bucket	3600 daN		
Unladen time			
Lifting	7.30 secs		
Lowering	5.6 secs		
Extension	8.2 secs		
Retraction	6.6 secs		
Crowd	3.2 secs		
Dump	2.7 secs		
Tyres	460/70-24		
Service Brake	hydraulic oil immersed multi-disc braking on front/rear axles		
Engine	DEUTZ STAGE III B		
Type	TCD 3.6 l		
Cubic capacity	3600 cm ³		
Power	101 HP - 74.4 kW	122 HP - 90 kW	
Max. torque	400 Nm@1600 rpm	465 Nm@1600 rpm	
Injection	direct		
Cooling	air and water		
Laden drawbar pull	8130 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)	7080 kg		
Dimensions			
1. Ground clearance	0.44 m		
2. Overall length to carriage	4.87 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

