

MLT 840



TECHNICAL DATA SHEET



	MLT 840-115 PS	MLT 840-137 PS
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Lifting		
Max. capacity	4000 kg	
Max. lifting height	7.55 m	
Max. outreach	4.45 m	
Reach at max. height	0.90 m	
Break-out force with bucket	5222 daN	
Unladen time		
Lifting	8.70 secs	8.40 secs
Lowering	5.20 secs	4.90 secs
Extension	6.50 secs	6.30 secs
Retraction	5.40 secs	5.20 secs
Crowd	3.20 secs	3.00 secs
Dump	2.50 secs	2.40 secs
Tyres		
	460/70 R 24	
Service Brake		
	hydraulic oil immersed multi-disc braking on front/rear axles	
Engine		
	JOHN DEERE Stage III B	
Type	4045 PWX	
Cubic capacity	4 cylinders/4500 cm ³	
Power	115 HP/86 kW	137 HP/102 kW
Max. torque	480 Nm - 1500 rpm	534 Nm - 1500 rpm
Injection	direct	
Cooling	water	
Laden drawbar pull	9100 daN	9400 daN
Transmission		
	torque converter	
Gearbox	Powershift M-Shift® - Lock-up	
Reversing shift	electrohydraulic control	
Number of gears (forward/reverse)	5/3	
Max. travel speed (may vary according to applicable regulations)	40 kph	
Hydraulics		
	150 l/min - 290 bar	180 l/min - 290 bar
Pump	swashplate piston pump	
Control valve	electronically controlled variable cubic capacity	
DDIC		
Capacities		
Hydraulic oil	175 l	
Fuel	143 l	
Unladen weight (with forks)		
	8401 kg	
Dimensions		
1. Ground clearance	0.41 m	
2. Overall length to carriage	5.37 m	
3. Wheelbase	2.88 m	
4. Overall width of cab	0.995 m	
5. Overall width	2.39 m	
6. Overall height	2.40 m	
Standard forks (length x width x thickness)	1200 x 125 x 50 mm	
Turning radius (over tyres)	3.77 m	
Noise and vibration		
Noise at driving position (LpA)	80 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

