

MLT 960

TECHNICAL DATA SHEET



PRELIMINARY



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Load chart EN1459

Machine on tyres with forks

MLT 960	
Lifting	
Max. capacity	6000 kg
Max. lifting height	9 m
Max. outreach	5.3 m
Reach at max. height	1.1 m
Break-out force with bucket	7300 daN
Unladen time	
Lifting	8.5 secs
Lowering	6.5 secs
Extension	7 secs
Retraction	6 secs
Crowd	3.8 secs
Dump	3.6 secs
Tyres	500/70 - R24
Braking	
Service brake	hydraulic oil immersed multi-disc braking on front/rear axles
Parking brake	automatic negative handbrake on the front axle
Engine	
	JOHN DEERE
Type	4045 PWX 104 kW St.IIIB
Cubic capacity	4500 cm ³
Power	141 HP - 104 kW
Max. torque	534 Nm - 1500 rpm
Injection	direct
Cooling	water
Laden drawbar pull	10000 daN
Transmission	
Gearbox	CVT DANA 318
Reversing shift	electrohydraulic control
Max. travel speed (may vary according to applicable regulations)	40 kph
Hydraulics	
	swashplate piston pumps electronically controlled variable cubic capacity
Pump	180 l/min - 270 bar
Control valve	Rexroth
Capacities	
Hydraulic oil	153 l
Fuel	135 l
Unladen weight (with forks)	11700 kg
Dimensions	
1. Ground clearance	0.45 m
2. Overall length to carriage	6.1 m
3. Wheelbase	3 m
4. Overall width of cab	0.995 m
5. Overall width	2.48 m
6. Overall height	2.53 m
Standard forks (length x width x thickness)	1200 x 200 x 60 mm
Turning radius (over tyres)	4.3 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

