

MLT 840



TECHNICAL DATA SHEET



MLT 840-115 PS

MLT 840-137 PS

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 cm³

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

40 kph

(may vary according to applicable regulations)

Hydraulics

150 l/min - 290 bar

180 l/min - 290 bar

Pump

swashplate piston pump
electronically controlled variable cubic capacity

Control valve

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

