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TECHNICAL DATA SHEET

**MT 835**  
**Manitou Telescopic**

*easy*



MT 835 easy	
<b>Lifting</b>	
Max. capacity	3500 kg
Max. lifting height	7.75 m
Max. outreach	4.45 m
Break-out force with bucket (ISO 8313)	6400 daN
<b>Unladen time</b>	
Lifting	6.5 s
Lowering	6.0 s
Extension	6.0 s
Retraction	5.5s
Crowd	4.0 s
Dump	4.0 s
<b>Tyres</b>	400 / 80 -24
<b>Braking</b>	
Service brake	oil immersed multi-disc braking
Parking brake	automatic negative parking brake
<b>Engine</b>	
DEUTZ - STAGE 3B - FINAL TIER 4	
Type	TD 3.6 L
Cubic capacity	3621 cm <sup>3</sup>
Power	75 HP/55.4 kW
Max torque	330 Nm
Injection	direct
Cooling	water
Laden drawbar pull	8000 daN
<b>Transmission</b>	
torque converter	
Reversing shift	electrohydraulic control
Number of gears (forward/reverse)	4/4
Drive wheels	4 wheel drive
Steering mode	4 wheel steer - 3 steering modes
Max. travel speed (may vary according to applicable regulations)	25 kph
<b>Hydraulics</b>	
Pump	gear type with priority valve 125 l/min – 270 bar
<b>Capacities</b>	
Hydraulic oil	125 l
Fuel	120 l
<b>Unladen weight (with forks)</b>	7200 kg
<b>Dimensions</b>	
1. Front wheel centre to carriage	1.49 m
2. Wheelbase	2.88 m
3. Rear wheel centre to rear face	0.87 m
4. Overall length to carriage	5.24 m
5. Ground clearance	0.42 m
6. Overall width of cab	0.88 m
7. Inside tyre width	1.87m
8. Overall width	2.28 m
9. Overall height	2.42 m
Turning radius (over tyres)	3.65 m
Carriage rotation (crowd / dump)	12° /114°
Standard forks (length x width x thickness)	1200 x 125 x 45 mm
<b>Controls</b>	
JSM® (Multi-function joystick)	
<b>Safety</b>	
Load limiter cut off system - EN 15000 norm ROPS / FOPS level II standard cab	
<b>Noise and vibration</b>	
Noise at driving position (LpA)	78 dB
Environmental noise (LwA)	103 dB
Vibration to whole hand/arm	<2.50 m/s <sup>2</sup>

Rough terrain load chart  
Standard EN 1459B

Machine with forks on tyres

