

# MT 835

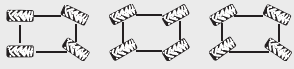
TECHNICAL DATA SHEET



 **MANITOU**

[www.manitou.com](http://www.manitou.com)

# MT 835

	MT 835	MT 835 H
<b>Lifting</b>		
Max. capacity	3500 kg	
Max. lifting height	7.75 m	
Max. outreach	4.45 m	
Break-out force with bucket	6264 daN	
<b>Unladen time</b>		
Lifting	6.6 secs	
Lowering	6.0 secs	
Extension	6.0 secs	
Retraction	5.6 secs	
Crowd	3.2 secs	
Dump	3 secs	
<b>Tyres</b>	400/80-24	
<b>Braking</b>		
Service brake	Oil immersed multi-disc braking on front/rear axles	
Parking brake	Automatic Negative Handbrake	
<b>Engine</b>		
	PERKINS - STAGE 3B	
Type	854E-34TA	
Cubic capacity	3400 cm <sup>3</sup>	
Power	102 HP/75 kW	
Max. torque	420 Nm - 1400 rpm	
Injection	direct	
Cooling	water	
Laden drawbar pull	8200 daN	6200 daN
<b>Transmission</b>		
	torque converter 4 wheel drive	hydrostatic 4 wheel drive
Reversing shift	electrohydraulic control	
Number of gears (forward/reverse)	4/4	3/2
Max. travel speed (may vary according to applicable regulations)	25 kph or 35 kph	
Steering mode	4 wheel steer - 3 Steering Modes	
		
<b>Controls</b>		
	JSM® Joystick multi - function Load Limiter Cut off system - EN15000 Norm	
<b>Hydraulics</b>		
Pump	gear type with priority valve 125 l/min - 270 bar	
<b>Capacities</b>		
Hydraulic oil	175 l	
Fuel	120 l	
<b>Unladen weight (with forks)</b>	7200 kg	7300 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	0.41 m	
6. Overall width of cab	0.88 m	
7. Inside tyre width	1.87 m	
8. Overall width	2.28 m	
9. Overall height	2.42 m	
Standard forks (length x width x thickness)	1200 x 125 x 45 mm	
Turning radius (over tyres)	3.85 m	
Carriage rotation (crowd/dump)	12° / 114°	
<b>Noise and vibration</b>		
Noise at driving position (LpA)	82 dB	
Environmental noise (LwA)	106 dB	
Vibration to whole hand/arm	<2.5 m/s <sup>2</sup>	

## Rough terrain load chart standard EN1459 annex B

### Machine on tyres with forks

