

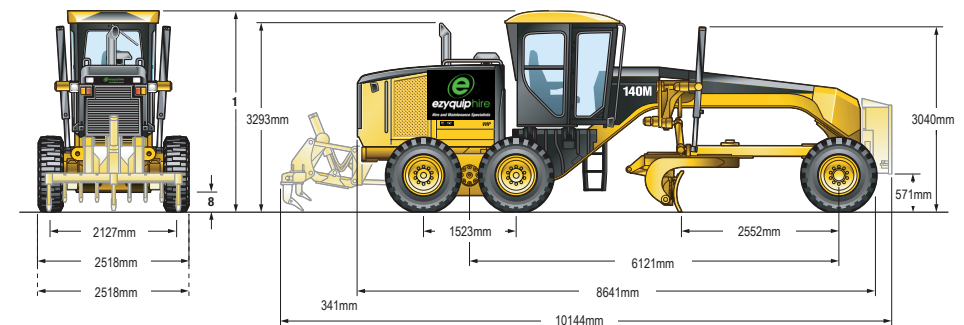
140M MOTOR GRADER | 17T

PRODUCT SPECIFICATIONS

CAT

Engine			
Model	CAT C7 ACERT VHP		
Base Power (1st gear) - Net	136 kW / 183 hp		
VHP Range – Net	136 - 148 kW / 183 - 198 hp		
VHP Plus Range – Net	136 - 174 kW / 183 - 233 hp		
Displacement	7.2 L / 439 ⁱⁿ³		
Bore	110 mm / 4.3"		
Stroke	127 mm / 5"		
Torque Rise (VHP Plus)	39%		
Max Torque (VHP Plus)	1079 Nm / 796 lb-ft		
Speed @ Rated power	2,000 rpm		
Number of Cylinders	6		
Derating Altitude	3,048 m / 10,000 ft		
Weights			
Gross Vehicle Weight – Max	22,583 kg / 49,787 lb		
Operating Specifications			
Top Speed – Forward	46.6 km/h / 29 mph		
Top Speed – Reverse	36.8 km/h / 22.9 mph		
Turning Radius - Outside front tyres	7.57 m / 24'10"		
Steering Range – left/right	47.5°		
Articulation Angle – left/right	20°		
Transmission			
1st Forward	4 km/h / 2.5 mph	1st Reverse	3.2 km/h / 2 mph
2nd Forward	5.5 km/h / 3.4 mph	2nd Reverse	6 km/h / 3.7 mph
3rd Forward	8 km/h / 5 mph	3rd Reverse	8.7 km/h / 5.4 mph
4th Forward	11 km/h / 6.8 mph	4th Reverse	13.5 km/h / 8.4 mph
5th Forward	17.1 km/h / 10.6 mph	5th Reverse	25.3 km/h / 15.7 mph
6th Forward	23.3 km/h / 14.5 mph	6th Reverse	36.8 km/h / 22.9 mph
7th Forward	32 km/h / 19.9 mph		
8th Forward	46.6 km/h / 29 mph		
Blade Range			
Circle Centreshift – Right	728 mm / 28.7"		
Circle Centreshift – Left	695 mm / 27.4"		
Moldboard Sideshift – Right	660 mm / 26"		
Moldboard Sideshift – Left	510 mm / 20.1"		

Maximum Blade Position Angle	90°
Blade Tip Range – Forward	40°
Blade Tip Range – Backward	5°
Maximum Shoulder Reach Outside of Tyres	1,978 mm / 77.9"
Maximum Lift Above Ground	480 mm / 18.9"
Maximum Depth of Cut	715 mm / 28.1"
Ripper	
Ripping Depth - Maximum	428 mm / 16.8"
Ripper Shank Holders	5
Ripper Shank Holder Spacing	533 mm / 21"
Penetration Force	9,026 kg / 19,900 lb



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