

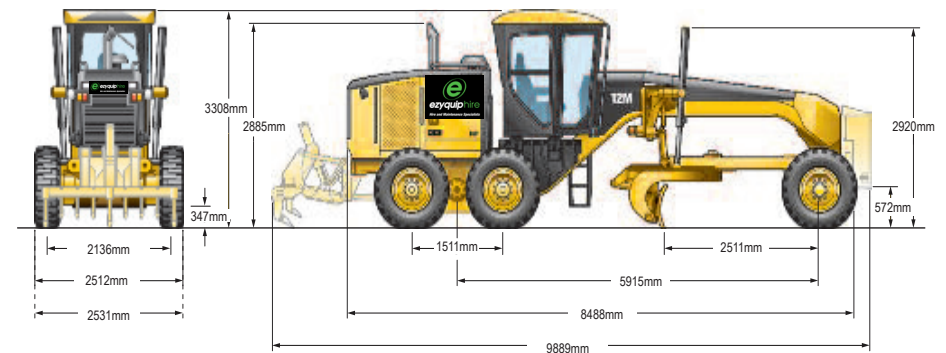
120M MOTOR GRADER | 15.5T

PRODUCT SPECIFICATIONS

CAT

Engine			
Model	CAT C6.6 ACERT		
Base Power (1st gear) - Net	103 kW		
VHP Plus Range – Net	103 - 136 kW		
Displacement	6.6 L		
Bore	105 mm		
Stroke	127 mm		
Torque Rise (VHP Plus)	40%		
Max Torque (VHP Plus)	906 Nm		
Speed @ Rated Power	2,000 rpm		
Number of Cylinders	6		
Derating Altitude	3,505 m		
Weights			
Gross Vehicle Weight Typically Equipped	16,875 kg		
Operating Specifications			
Top Speed – Forward	47.5 km/h		
Top Speed – Reverse	37.5 km/h		
Turning Radius - Outside front tyres	7.3 m		
Steering Range – left/right	47.5°		
Articulation Angle – left/right	20°		
Transmission			
1st Forward	4.1 km/h	1st Reverse	3.3 km/h
2nd Forward	5.6 km/h	2nd Reverse	6.1 km/h
3rd Forward	8.2 km/h	3rd Reverse	8.9 km/h
4th Forward	11.2 km/h	4th Reverse	13.8 km/h
5th Forward	17.5 km/h	5th Reverse	25.8 km/h
6th Forward	23.7 km/h	6th Reverse	37.5 km/h
7th Forward	32.7 km/h		
8th Forward	47.5 km/h		
Blade Range			
Circle Centreshift – Right	656 mm		
Circle Centreshift – Left	656 mm		
Moldboard Sideshift – Right	660 mm		
Moldboard Sideshift – Left	510 mm		
Maximum Blade Position Angle	90°		

Blade Tip Range – Forward	40°	
Blade Tip Range – Backward	5°	
Maximum Shoulder Reach - Outside of tyres	- Right / left	1,905 mm / 1,742 mm
Maximum Lift - Above ground	427 mm	
Maximum Depth of Cut	720 mm	
Ripper		
Ripping Depth, Maximum	428 mm	
Ripper Shank Holder Spacing	533 mm	
Penetration Force	8,031 kg	
Pryout Force	11,931 kg	
Machine Length Increase, Beam Raised	995 mm	



DISCLAIMER: This Product Specification Sheet was produced 01/2020. Every effort has been made to ensure that the content is accurate, however the contents are subject to change. Information contained in this Specification Sheet is for general information only and does not purport to be comprehensive, current only at the time it is placed in this document compiled from manufacturer and industry sources; and not intended to provide nor make any recommendation upon which you should rely for any purpose whatsoever. Ezyquip Hire makes no warranty express or implied, including without limitation any warranty of merchantability or fitness for any particular purpose. Ezyquip Hire shall not be liable for any special, incidental, or consequential damages or loss of profits resulting from use of or misuse of the general information provided in this document.