



Graders

JB80G

The JB80G has been designed from the ground up, initially as a special order for one of our valued customers in Northern British Columbia. The main requirements asked for was an economical 80 hp diesel EPA Tier4F certified engine with a single rear wheel drive. The rest of the specs were left to our own design team to come up with a versatile robust machine that would fit the overall description of a compact, lower horsepower machine that could be used for gravel road maintenance but also could be used for field work if required. We have designed this model with the capability for fitting a rear mounted ripper. A front mounted blade is also an option if required.



Engine	EPA approved
Model	Cummins EPA ENGINE MODEL: QSF2.8t4TC74
Rated power	55kw 80HP
Type	Straight Line, Water Cooling, Direct Injection, Four Stroke
Power Rating	55kw
Engine Displacement	2.8L/
Cylinder Diameter / Stroke	102mm/115mm
Minimum Fuel Consumption Rate	≤205g/(Kw.h)
Main machine Parameter	
Whole Machine Quality	6500 KG
Maximum Swing Angle Of Front Axle	±16°
Front Wheel Maximum Steering Angle	±45
Blade Size (Long * High * Thick)	3000*480* 18mm
Cutter Head Diameter	1090mm
Hinged Steering Angle Of Frame	±23°
Blade Rotation Angle	360°
Blade Clearance	400mm
Cutting Depth	260mm
Blade Angle	Backward 47 Degrees, Forward 5 Degrees
Blade Slip Range	Left 500mm, Right 500mm
Minimum Ground Clearance Of Front Axle	380mm
Minimum Ground Clearance Of Rear Axle	350mm
Wheel Pitch	1590mm
Wheelbase (Front And Rear)	4260mm
Drive System gearbox,axles tyres	
The Highest Speed (Forward, Backward)	40km/h/, 30km/h
Transmission Type	Fixed Axis Power Shift
Torque Converter Type	Single Stage, Single Phase, Three Element
Gear	The First Four. The Last Four
Tyre	16/70-20 heavy duty axles
Hydraulic System	
Type	Open Type
System Pressure	16Mpa
Refueling Capacity	
Hydraulic Fluid	130L
Diesel Oil	100L
Dimension Length X Width X Height	6920 x 2300 x 2760 mm

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