

CG150 Motorcycle Engine

The CG150 motorcycle engine features increased power and decreased fuel consumption. Technical optimizations include bore and stroke structure improvements, reduced piston weight, and a DLC piston ring.



Overview

The new upgraded CG engine is based on the upgrade and development of the original CG engine structure platform. Through the light weight design of the piston and structural optimization design, low speed high torque, low vibration, better performance benefits.

- Wear resistant:** The new upgraded CG engine has adopted the advanced DLC piston ring technology, which can effectively reduce the wear of the piston ring and improve the engine's service life.
- Increased performance:** The new upgraded CG engine has adopted the advanced bore and stroke design, which can effectively improve the engine's torque and power output.
- Reduced fuel consumption:** The new upgraded CG engine has adopted the advanced combustion chamber design, which can effectively improve the engine's combustion efficiency and reduce fuel consumption.

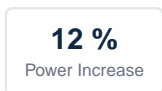
Structural optimizations and performance improvements of the new CG150 engine platform.

Engine Performance Overview

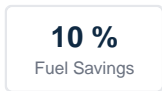
This upgraded CG150 motorcycle engine is engineered for superior performance and reliability. By utilizing lightweight piston designs and structural optimizations, it delivers high torque at low speeds while significantly reducing vibration for a smoother ride. The engine features advanced DLC piston ring technology for enhanced wear resistance, ensuring long-term durability and consistent power output.

Performance Metrics

Maximum Power Increase



Fuel Consumption Reduction



Technical Specifications

Performance Benefits

- Improved start-up acceleration
- Enhanced high-speed performance
- Superior climbing capability
- Reduced engine vibration
- Increased ride comfort

Engine Model Code	HJ157FMI
Key Technical Features	Lightweight Piston Design, DLC Piston Ring, High Torque, Low Vibration, Wear Resistant