

# Motorcycle Engine with Internal Balance Shaft

This motorcycle engine is engineered for high performance, delivering both power and acceleration. Its robust design ensures durability, while an internal balance shaft minimizes vibration for a smoother ride.



## Overview



Detailed structural overview of the CGF200 engine, highlighting the balance shaft and cooling technologies.

## CGF200 Engine Technology

The CGF200 is an advanced motorcycle engine featuring an internal balance shaft designed to bridge the gap between cost-effective CG-style engines and the comfort of higher-end models. By integrating innovative structural technologies, this engine significantly reduces vibration and noise while enhancing overall durability. It offers a versatile platform that is easy to maintain and adaptable to various displacement and gear requirements.

## Key Features

### Performance Highlights

**200 cc**

Displacement Class

**1 Internal**

Balance Shaft

## Technical Specifications

### Durability & Maintenance

- Lightened piston for reduced vibration
- Newly designed crankcase and cover for enhanced strength
- External balance gear assembly for easy maintenance
- Piston cooling jet structure to lower operating temperatures
- Triangle rocker arm to lessen heat deformation

### Comfort & Operation

Low Vibration • Reduced Engine Noise • Smooth Shifting • Comfortable Ride

### Advanced Technologies

Internal Balance Shaft, Piston Cooling Jet, Silent Cylinder Head, Triangle Rocker Arm, Optimized Shift Gear