

# CGZ180 Diesel Engine

The CGZ180 is a robust diesel engine designed for varied applications. It features efficient fuel consumption, durable construction, and a compact design suitable for powering agricultural machinery, construction equipment, and other industrial uses.



## Overview

### CGZ180 Diesel Engine Overview

The CGZ180 is a robust, single-cylinder, horizontal, water-cooled, four-stroke diesel engine designed for versatility and reliability. It features a compact and lightweight architecture that ensures easy installation, minimal vibration, and smooth operation. Engineered for practical use, this engine is an ideal power source for micro-tillers, irrigation systems, air compressors, and various agricultural processing machinery.

## Technical Specifications

Engine Structure	Single-cylinder, horizontal, water-cooled, four-stroke
Combustion Chamber Type	Direct injection
Cylinder Diameter	80 mm

## Performance Metrics

### Key Performance Metrics

**5.67 kW**  
Rated Power

**2600 r/min**  
Rated Speed

**75 kg**  
Net Weight

## Dimensions

Dimensions (L x W x H)	625 x 341 x 463 mm
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## Features

Key Advantages	Lightweight, Easy Installation, Low Vibration, Smooth Operation, Easy Maintenance
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## Applications

### Primary Applications

- Micro-tilling machinery
- Irrigation and drainage
- Air compressors
- Agricultural product processing machinery