

# Single-Cylinder Diesel Engine

This single-cylinder diesel engine is designed for robust and reliable power in various applications. It features a direct fuel injection system, a durable cast iron engine block, and an air-cooling system.



## Product Overview

### Robust Single-Cylinder Diesel Power

This series of single-cylinder diesel engines is engineered for versatility and reliability in demanding environments. Featuring a compact, horizontal, water-cooled four-stroke design, these engines offer stable operation, minimal vibration, and straightforward maintenance. They are ideally suited for powering micro-tillers, irrigation systems, air compressors, and various agricultural and food processing machinery.

## Technical Specifications

### Key Advantages

- Lightweight and compact structure
- Easy to transport and install
- Low vibration levels
- Smooth operational performance
- Simplified maintenance

### Engine Structure

Single-cylinder, horizontal, water-cooled, four-stroke

### Primary Applications

Micro-tillers, Irrigation, Air Compressors, Agricultural Machinery, Food Processing

## Model Comparison

### Model Specifications

Model	Combustion	Bore (mm)	Power (kW)	Speed (r/min)	Weight (kg)
CG170A	Vortex	70	2.7	2600	31
CG6	Vortex	76	4.2	3000	42
CG8	Vortex	80	5.15	3000	42
R175/CGZ175	Direct/Vortex	75	4.85	2600	68
R180/CGZ180	Direct/Vortex	80	5.67	2600	75
R190/CGZ190	Direct/Vortex	90	7.7	2400	105
CG12/CGZ12	Direct/Vortex	90	8.8	2400	105
CGZ13	Direct/Vortex	95	9.7	2400	105