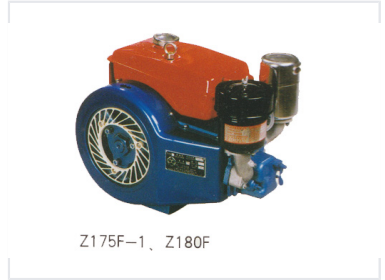


# Air-Cooled Horizontal Diesel Engine

This is a horizontal type air-cooled diesel engine. It is a four-stroke, single-cylinder engine.



## Overview

### Reliable Air-Cooled Diesel Power

The Z175F-1 is a robust horizontal 4-stroke diesel engine designed for high-efficiency performance in demanding agricultural and industrial environments. Featuring a swirl-type combustion chamber and a reliable air-cooling system, this single-cylinder engine ensures stable operation without the need for complex liquid cooling setups. Its compact horizontal design and manual handle-start mechanism make it an ideal power source for portable machinery and remote field applications.

## Performance Highlights

### Key Performance Metrics

<b>4.05 kW</b> 1-Hour Rated Power	<b>2600 r/min</b> Rated Speed	<b>0.331 L</b> Displacement
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## Technical Specifications

### Engine Configuration

- Horizontal 4-stroke
- Single-cylinder
- Swirl combustion chamber
- Air-cooled

Bore x Stroke: 75 x 75 mm

Compression Ratio: 22

## Power & Efficiency

12-Hour Rated Power: 3.68 kW

Specific Fuel Consumption: 287 g/kw-h

## Operation

### Starting Method

Manual Handle Start

Cooling Method: Forced Air Cooling