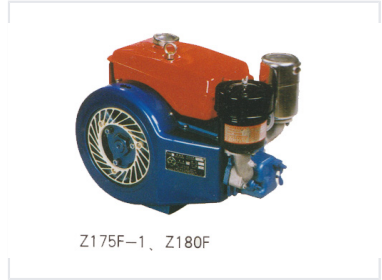


Air-Cooled Horizontal Diesel Engine

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

4.05 kW 1-Hour Rated Power	2600 r/min Rated Speed	0.331 L 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
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