

# Single Cylinder Diesel Engine

This single-cylinder diesel engine features direct injection and an efficient air cleaner system. Its compact design includes multi-choice PTO shafts and a recoil manual starter with optional electric starting.



## Overview

### High-Efficiency Single Cylinder Diesel Engine

The MD178FA is a compact and robust single-cylinder diesel engine featuring a direct injection combustion system for enhanced fuel efficiency. Designed for versatility, it offers multiple PTO shaft options and a choice between recoil manual or electric starting systems. This CE-approved engine is engineered for reliable performance in various industrial and power generation applications where space is at a premium.

## Performance Highlights

### Performance Metrics

**6 hp**

Max Output

**3600 rpm**

Engine Speed

**306 cc**

Displacement

## Technical Specifications

### Power Output Ratings

Engine Speed (rpm)	Maximum Output (hp)	Continuous Output (hp)
3000	5.5	5.0
3600	6.0	5.5

Model	MD178FA
Bore x Stroke	78 x 64 mm

## Design & Features

### Core Characteristics

- Direct injection combustion system
- Efficient air cleaner system
- Compact structure and small size
- Multi-choice PTO shafts available
- Recoil manual starter with optional electric start

Power Take Off (PTO)	Crankshaft or Camshaft (Camshaft PTO rpm is 1/2)
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## Capacities & Dimensions

Fuel Tank Capacity	3.5 L
Lube Oil Capacity	1.1 L
Dimensions (L*W*H)	383 x 421 x 450 mm
Net Weight (Recoil)	33 kg

## Compliance

### Certifications

CE