

Single-Cylinder Diesel Engine MD186FA

This single-cylinder, 4-stroke diesel engine features a direct injection combustion system. It has a compact structure and small size, with multi-choice PTO shafts available.



Overview

High-Efficiency Single-Cylinder Diesel Engine

The MD186FA is a compact and powerful 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 or electric starting systems to suit various industrial applications. Its robust, small-footprint design makes it an ideal power source for generators, water pumps, and construction equipment.

Key Performance Metrics

Performance Highlights

10 hp

Max Output

418 cc

Displacement

3600 rpm

Max Speed

Technical Specifications

Operating Parameters

Engine Speed (rpm)	Maximum Output (hp)	Continuous Output (hp)
3000	8.6	7.7
3600	10.0	9.0

Power Take Off

Crankshaft or Camshaft (Camshaft PTO rpm is 1/2)

Design & Construction

Engine Features

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

Physical Dimensions

Bore x Stroke	86 x 72 mm (3.39 x 2.83 inch)
Dimensions (L*W*H)	417 x 470 x 494 mm
Net Weight (Recoil)	48 kg

Capacities

Fuel Tank Capacity	5.5 L
Lube Oil Capacity	1.65 L

Compliance

Certifications

CE • EPA