

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