

Diesel Engine for Harvesters

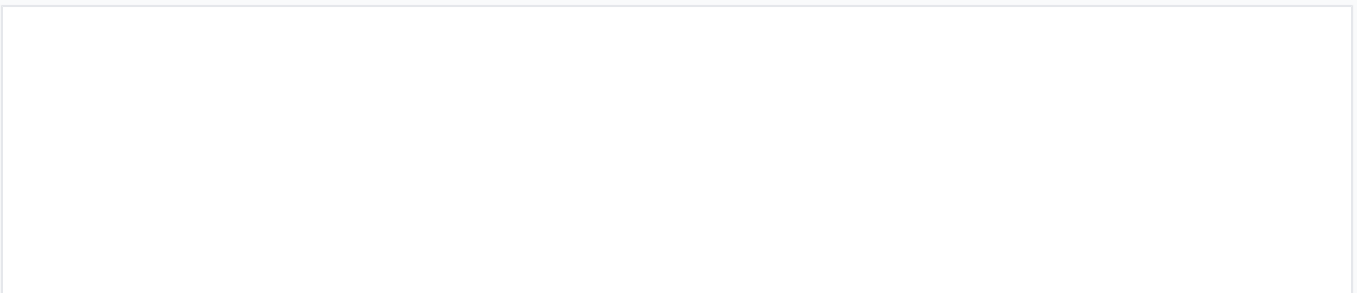
This diesel engine is designed for maize cutter applications. It features a turbocharged series with an electronic unit pump fuel system.



ADDITIONAL IMAGES



Product Overview



A robust four-cylinder diesel engine featuring a direct fuel injection system and integrated cooling fan.

High-Performance Diesel Engine for Harvesters

The 4D2 and 4D3 series are turbocharged diesel engines specifically engineered for maize and corn cutters. These non-road engines feature advanced electronic unit pump technology to precisely control fuel injection for improved economy and efficiency. Designed for reliability in demanding agricultural conditions, they offer a cost-effective power solution with mature technology and State III emission compliance.

Performance Metrics

Engine Power Ratings

110 hp

Min Horsepower

130 hp

Max Horsepower

2400 rpm

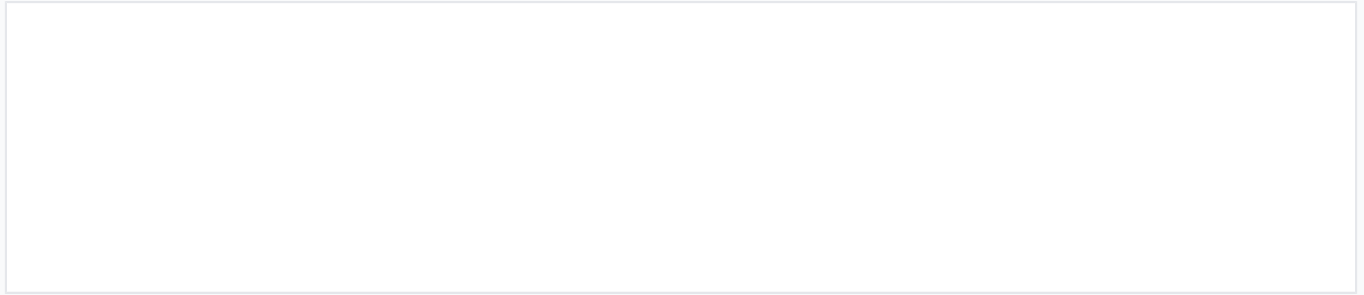
Rated Speed

Technical Specifications

Model Comparison Table

Feature	Model 4D2	Model 4D3
Bore & Stroke	105 * 118	108 * 118
Displacement	4.087 L	4.324 L
Rated Output (kW)	82 - 89 kW	89 - 95.6 kW
Rated Output (Ps)	110 - 120 ps	120 - 130 ps

Engine Systems



Complete engine units featuring robust blocks, air intake filters, and cooling radiators.

Fuel System

Electronic unit pump

Intake Method

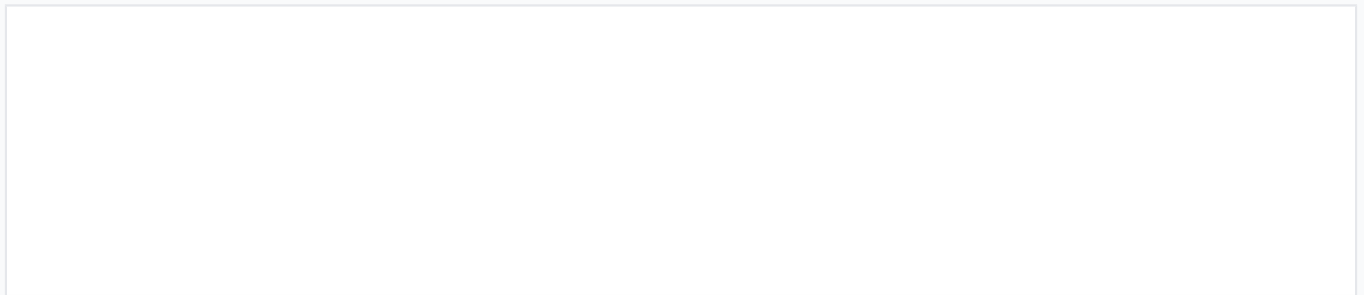
Turbocharged and inter-cooled

Compliance & Standards

Emission Standard

State III • Non-Road Series

Key Features



Engineered for maximum torque and productivity in corn harvesting applications.

Core Advantages

- Mature technology with leading performance
- High cost-effectiveness for agricultural operations
- New high-efficiency turbocharger for low fuel consumption
- Electronic unit pump for precise fuel injection control
- Robust construction for medium-duty applications

Applications

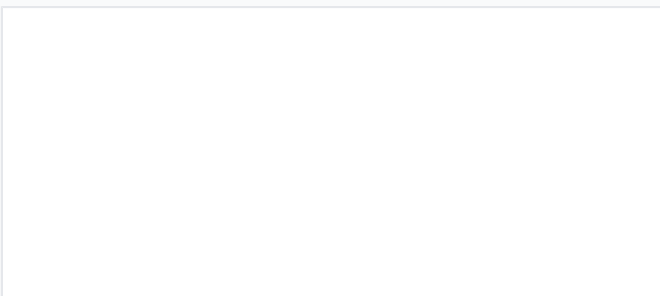


The engine provides reliable power for self-propelled corn harvesters in demanding field conditions.

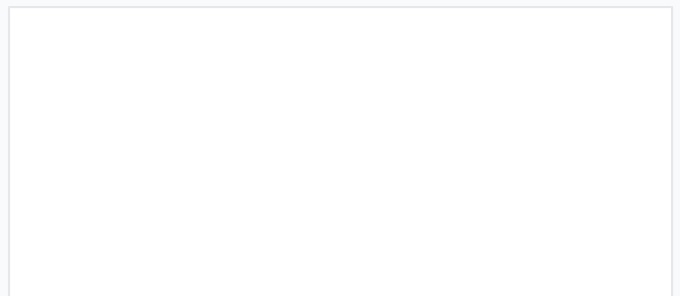
Suitable Machinery

Maize Cutter, Corn Harvester, Self-propelled Harvester, Agricultural Machinery

Logistics & Quality



Rigorous performance evaluation using dynamometers and real-time monitoring sensors.



Secure export packaging in wooden crates for international shipping.

Testing and Packaging

Every engine undergoes rigorous testing in controlled environments using dynamometers and real-time data acquisition systems to ensure performance metrics are met. For international distribution, engines are securely packed in wooden crates and heavy-duty cardboard boxes to ensure safety during transit.