

# 12-Cylinder Diesel Engine

This 12-cylinder diesel engine is engineered for optimal performance and reliability. It is ideal for use in construction machinery, mining equipment, and other industrial applications.



## Overview

### High-Performance 12-Cylinder Diesel Engine

The 12V135 Series diesel engine is a robust power solution engineered for heavy-duty generating sets. Featuring a V-shaped, 12-cylinder configuration with turbocharging and intercooling, this unit delivers a 1-hour power output of 550 kW. Its advanced design ensures reliable operation, efficient fuel consumption, and stable performance, making it an ideal choice for demanding industrial power requirements.

## Performance Metrics

### Rated Power (1h)

**550 kW**

Rated Power

Rated Speed 1500 rpm

Idle Speed 750 rpm

## Engine Architecture

Engine Type 12-Cylinder, V-Shape, Direct Injection, 4-Stroke, Water Cooled

Aspiration Turbocharged with intercooler

Total Displacement 26.6 L

Bore / Stroke 135 / 155 mm

## Efficiency & Emissions

Compression Ratio 16:1

Specific Fuel Consumption 200 g/kw.h

Lubricating Oil Consumption 0.7 g/kw.h

Filter Smoke Number (FSN) 2.5

## Control & Operation

Governor Type Electronic governor

Stable State Rate 5 %

Noise Level 119 dB

## Physical Dimensions

### Physical Specifications

Attribute	Value
Net Weight	1950 kg
Dimensions (L*W*H)	1755*1150*1370 mm