

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