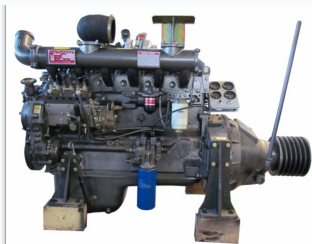


# 145kW Diesel Engine with Double Plate Clutch

This is a 145kW diesel engine with a double plate clutch. It provides reliable power for a variety of industrial applications.



## ADDITIONAL IMAGES



## Overview



**TOP ENGINE MANUFACTURER**  
**SINCE 1987**



Robust 145kW engine designed for heavy-duty industrial and commercial use.

## High-Performance Industrial Diesel Engine

This series features a four-stroke, water-cooled, in-line direct injection combustion system designed for high-speed industrial applications. Engineered for reliability, these engines can start easily without preheating in temperatures as low as  $-10^{\circ}\text{C}$  and boast a first overhaul period of 8,000 hours. The robust design includes a double plate clutch, making it an ideal power source for heavy-duty construction machinery, generators, and marine equipment.

## Performance Metrics

### Rated Power Performance

**145 kW**

Max Rated Power

**1500 rpm**

Standard Speed

**2800 rpm**

Max Speed Range

## Technical Specifications



### GENUINE PARTS



A full range of genuine parts including turbochargers, fuel pumps, and piston kits are available for maintenance.

### Engine Configuration

- Four-stroke cycle
- Water-cooled cooling system
- In-line cylinder arrangement
- Direct injection combustion
- Turbo-charged and Inter-cooled options

Bore Diameter	105 mm
Stroke	125 mm
Displacement per Cylinder	4.33 L
Clutch System	Double Plate Clutch

## Applications



### PROJECT



Versatile applications ranging from telecom power and stone crushers to loaders and hospital backup systems.

Target Industries	Power Generation, Marine Propulsion, Agricultural Machinery, Construction Equipment, Stationary Power, Stone Crushers, Loaders
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## Quality & Standards



### QUALITY CONTROL



Rigorous quality control processes ensure high reliability for industrial power generation.

#### Compliance & Quality

ISO 9001:2015 • CE Certified • GB/T19001-2016 • CCS Type Approval

First Overhaul Period

8000 hours

## Model Comparison

#### R-Series Model Specifications

Model	Cylinders	kW @ 1500rpm	Dimensions (mm)
ZH495G	L4	26.5	1360*640*920
ZH4100G	L4	30.1	1360*640*1000
R4105P	L4	42	1400*800*1200