



**Central
Diesel**

The Engine, Pump & Power Co.

Product Specification

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RT125DIN

Water Cooled Horizontal Diesel Engine

- The RT Series provide excellent durability and reliability for many types of applications.
- **New Piston Design:** The new piston design with deep trochoidal bowls, allows the air to swirl into the bowl faster and smoother, ensuring the fuel and air are mixed in the correct ratio. The complete combustion delivers 3-5% more torque when operating at low revs.
- **Direct Injection (Di) Combustion System:** Fuel is injected directly into the combustion chamber. The resulting heat and pressure is transformed to force, directly driving the piston head providing enhanced horsepower, decreased fuel consumption and an engine that is capable of continuous operation even under heavy work loads.
- **Increased Durability:** Stainless steel valves are stronger and more heat tolerant, resulting in longer lasting cylinder head, saving rebuild costs.
- **Increased Fuel Efficiency:** The new multi injection port increases the number of nozzle sprayers from 4 to 5. The high efficiency injection pump delivers pressure up to 220 kg/cm. Fuel is split into smaller particles and widespread to increase combustion, resulting in complete combustion and reduced air pollution. The edge filter inside the nozzle can prevent clogging within the nozzle sprayer, resulting in a cleaner engine.



SPECIFICATIONS

Type Water Cooled Horizontal Diesel Engine

Number of Cylinders 1

Bore & Stroke 94mm x 96mm

Combustion System Direct Injection

Intake System Naturally Aspirated

Max Output kW/rpm (hp/rpm) 9.2/2400, 12.5/2400