

Positive Displacement Roots Blower

This positive displacement blower delivers a constant volume of air with each revolution. The blower's robust design ensures durability and efficient air movement for various industrial applications.



ADDITIONAL IMAGES



Product Overview

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This three-lobe roots blower is a precision-engineered positive displacement compressor designed for consistent air and gas handling. Utilizing a robust tri-lobed rotor design, it delivers steady airflow with minimized pulsations and noise. The unit is optimized for heavy-duty industrial applications, including wastewater treatment, pneumatic conveying, and chemical processing, featuring high-quality construction for durability.

Technical Specifications

Cooling Activation Pressure	58.8 Kpa
Cooling Water Pressure Range	196-294 Kpa
Max Cooling Water Temperature	25 °C

Operational Features

Flow Adjustment

- Regulating rotational speed
- Overflow tubing adjustment

Drive Mechanism

V-Belt Driven, Three-Lobe Rotor Design

Applications

Common Industrial Applications

Wastewater Treatment • Pneumatic Conveying • Chemical Processing • Gas Boosting