

Three-Lobe Roots Blower

This three-lobe roots blower utilizes a belt drive and horizontal structure. It offers high efficiency, energy saving capabilities, and low noise operation.



Product Overview

High-Efficiency Three-Lobe Roots Blower

The 3L63WC is a robust positive displacement pump engineered for high-volume air and gas movement in industrial environments. Its advanced three-lobe rotor design significantly reduces pulsations and operational noise compared to traditional models. This blower is an ideal solution for wastewater treatment, pneumatic conveying, and other applications requiring a reliable, low-maintenance air supply.

Performance Highlights

Performance Metrics

1330 r/min

Maximum Speed

78.4 Kpa

Max Pressure

132 KW

Max Motor Power

Technical Specifications

Operational Parameters

Speed (r/min)	Pressure Range (Kpa)	Volume Flow (m3/min)	Motor Power (KW)
1090	9.8 - 78.4	64.2 - 55.6	22 - 110
1330	9.8 - 78.4	79.9 - 72.1	30 - 132

Design & Features

Key Features

- Minimized pulsations and noise
- Durable construction
- High operational efficiency
- Low maintenance requirements
- Sturdy base-mounted assembly

Pump Design

Positive displacement three-lobe rotor

Applications

Common Applications

Wastewater Treatment, Pneumatic Conveying, Industrial Air Supply, Gas Movement