

Tri-Lobe Roots Blower

This positive displacement pump delivers a constant volume of air or gas. Its robust construction includes a cylindrical housing, a top-mounted filter canister, and a side-mounted motor for efficient and reliable performance.



Overview

Industrial Tri-Lobe Roots Blower

This tri-lobe roots blower is a high-performance positive displacement machine engineered for reliable air and gas handling. Designed for versatility, it operates efficiently as both a pressure blower and a vacuum blower across diverse industrial environments. With its robust construction, it serves as a critical component in sectors such as wastewater treatment, petrochemical processing, and pneumatic conveying.

Performance

Pressure Capabilities

9.8 kPa

Min Pressure

98 kPa

Max Pressure

Vacuum Capabilities

-9.8 kPa

Min Vacuum

-50 kPa

Max Vacuum

Flow Rate Capacity

Duty Type	Flow Range
Pressure Blower	0.43 - 184.4 m ³ /min
Vacuum Blower	0.52 - 183.9 m ³ /min

Applications

Supported Industries

Waste Water Treatment, Petrochemical, Cement, Power Generation, Metallurgy, Pneumatic Conveying