

Global Air Operated Bellows Pumps for Semiconductor Equipment Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Air Operated Bellows Pumps for Semiconductor Equipment market size is expected to reach \$ 81.09 million by 2032, rising at a market growth of 5.9% CAGR during the forecast period (2026-2032).

Air Operated Bellows Pumps for Semiconductor Equipment are high-purity chemical transfer pumps driven by compressed air, using the reciprocating motion of bellows to move liquids. These pumps are typically made from corrosion-resistant fluoropolymers such as PTFE, PFA, and PVDF, and are designed for transferring high-purity electronic chemicals, including strong acids, alkalis, organic solvents, developers, cleaning solutions, etchants, and other process fluids. They are widely used in wafer fabrication, wet cleaning, etching, developing, CMP chemical supply, chemical circulation, and waste liquid handling processes.

In 2025, the global sales of Air Operated Bellows Pumps for Semiconductor Equipment are expected to reach 87,500 units, with an average price of USD 605 per unit and an industry gross profit margin of approximately 35%.

The main drivers of this market include semiconductor capacity expansion, the increasing number of wet process steps, and rising requirements for high-purity chemical delivery. Cleaning, etching, developing, CMP chemical supply, and chemical circulation processes in wafer fabrication all require stable, clean, and corrosion-resistant pumping solutions. Demand is particularly strong in advanced logic, memory, power semiconductors, and advanced packaging, where particle control, metal contamination control, and chemical compatibility are critical. In addition, global fab investments, localization of semiconductor equipment in China, local supply of

electronic chemicals, and replacement demand for equipment maintenance are expected to continue supporting market growth for air operated bellows pumps used in semiconductor equipment.

This report studies the global Air Operated Bellows Pumps for Semiconductor Equipment production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Air Operated Bellows Pumps for Semiconductor Equipment and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Air Operated Bellows Pumps for Semiconductor Equipment that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Air Operated Bellows Pumps for Semiconductor Equipment total production and demand, 2021-2032, (Units)

Global Air Operated Bellows Pumps for Semiconductor Equipment total production value, 2021-2032, (USD Million)

Global Air Operated Bellows Pumps for Semiconductor Equipment production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Air Operated Bellows Pumps for Semiconductor Equipment consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Air Operated Bellows Pumps for Semiconductor Equipment domestic production, consumption, key domestic manufacturers and share

Global Air Operated Bellows Pumps for Semiconductor Equipment production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Air Operated Bellows Pumps for Semiconductor Equipment production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Air Operated Bellows Pumps for Semiconductor Equipment production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Air Operated Bellows Pumps for Semiconductor Equipment market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Trebor International, White Knight (Graco), SAT Group, IWAKI, Yamada Pump,

Nippon Pillar, Dino Technology, Zhejiang Cheer Technology, Changzhou Ruize Microelectronics, Nantong CSE Semiconductor Equipment, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Air Operated Bellows Pumps for Semiconductor Equipment market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Air Operated Bellows Pumps for Semiconductor Equipment Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Air Operated Bellows Pumps for Semiconductor Equipment Market,
Segmentation by Type:

Up to 10L/min

Up to 20L/min

Up to 30L/min

Up to 50L/min

Up to 100L/min

Others

Global Air Operated Bellows Pumps for Semiconductor Equipment Market,
Segmentation by Material:

Metal Pumps

Plastic Pumps

Global Air Operated Bellows Pumps for Semiconductor Equipment Market,
Segmentation by Application:

CMP

Wet Cleaning

Plating

Wet Etching

Others

Companies Profiled:

Trebor International

White Knight (Graco)

SAT Group

IWAKI

Yamada Pump

Nippon Pillar

Dino Technology

Zhejiang Cheer Technology

Changzhou Ruize Microelectronics

Nantong CSE Semiconductor Equipment

FURAC

Besilan

Yanmu Technology

Jiangsu Minglisi Semiconductor

Key Questions Answered:

1. How big is the global Air Operated Bellows Pumps for Semiconductor Equipment market?
2. What is the demand of the global Air Operated Bellows Pumps for Semiconductor Equipment market?
3. What is the year over year growth of the global Air Operated Bellows Pumps for Semiconductor Equipment market?
4. What is the production and production value of the global Air Operated Bellows Pumps for Semiconductor Equipment market?
5. Who are the key producers in the global Air Operated Bellows Pumps for Semiconductor Equipment market?
6. What are the growth factors driving the market demand?

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