

Global Hot Air Reflow Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Hot Air Reflow market size is expected to reach \$ 1259 million by 2032, rising at a market growth of 6.2% CAGR during the forecast period (2026-2032). In 2025, global production of Reflow Soldering equipment reached 23,485 units, with an average selling price of USD 35,700 per unit. Reflow soldering is a surface-mount soldering process used in electronic assembly, where a solder paste-coated PCB and surface-mount components are heated to the melting point of the solder, allowing the solder to flow and form reliable electrical and mechanical connections. Reflow soldering is widely applied in consumer electronics, communication devices, automotive electronics, industrial control, and medical electronics, enabling high-precision and high-efficiency mass soldering. Compared to traditional manual soldering or wave soldering, reflow soldering offers better process control, higher solder joint quality, and suitability for miniaturized and complex PCB designs, making it a critical process in modern electronics manufacturing.

The reflow soldering market is currently characterized by dual drivers of technological upgrading and automation. In the consumer electronics segment, trends toward miniaturization, high-density, multilayer, and flexible PCBs push equipment development toward high precision, low thermal stress, and fast thermal ramp-up and cool-down control. In automotive electronics, industrial control, and medical electronics, requirements for reliability and high-temperature tolerance demand precise temperature control, stable thermal cycles, and traceable production data management. Industry trends indicate that smart control, remote monitoring, energy efficiency, and MES integration will be the main development directions for reflow soldering equipment. Market consensus holds that, despite intense competition, high technical barriers, long customer validation cycles, and low equipment replacement frequency ensure that vendors with long-term technological expertise and service capabilities maintain stable positions in the mid-to-high-end market.

This report studies the global Hot Air Reflow production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Hot Air Reflow 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 Hot Air Reflow that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Hot Air Reflow total production and demand, 2021-2032, (Units)

Global Hot Air Reflow total production value, 2021-2032, (USD Million)

Global Hot Air Reflow production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Hot Air Reflow consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Hot Air Reflow domestic production, consumption, key domestic manufacturers and share

Global Hot Air Reflow production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Hot Air Reflow production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Hot Air Reflow production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Hot Air Reflow 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 Rehm Thermal Systems, Kurtz Ersa, BTU International, Heller Industries, Shenzhen JT Automation Equipment, TAMURA Corporation, ITW EAE, SMT Wertheim, Dongguan Folungwin Automatic Equipment, Senju Metal Industry, 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 Hot Air Reflow market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (USD/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 Hot Air Reflow Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Hot Air Reflow Market, Segmentation by Type:

Convection Reflow Oven

Vapor Phase Reflow Oven

Others

Global Hot Air Reflow Market, Segmentation by Thermal Zone:

Single-Zone Reflow

Multi-Zone Reflow

Global Hot Air Reflow Market, Segmentation by Operation Mode:

Inline

Offline

Global Hot Air Reflow Market, Segmentation by Application:

Medical Electronics

Consumer Electronics

Automotive Electronics

Other

Companies Profiled:

Rehm Thermal Systems

Kurtz Ersä

BTU International

Heller Industries

Shenzhen JT Automation Equipment

TAMURA Corporation

ITW EAE

SMT Wertheim

Dongguan Folungwin Automatic Equipment

Senju Metal Industry

JUKI

SEHO Systems GmbH

Suneast Intelligent Equipment Technology (Shenzhen)

ETA

Papaw

EIGHTECH TECTRON

ATV Technologie GmbH

3S Silicon

HIRATA Corporation

Shenzhen Haobao Technology

SHENZHEN JAGUAR AUTOMATION EQUIPMENT

Key Questions Answered:

1. How big is the global Hot Air Reflow market?
2. What is the demand of the global Hot Air Reflow market?
3. What is the year over year growth of the global Hot Air Reflow market?
4. What is the production and production value of the global Hot Air Reflow market?
5. Who are the key producers in the global Hot Air Reflow market?
6. What are the growth factors driving the market demand?

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