

Global Fin Press Line for Heat Exchanger Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Fin Press Line for Heat Exchanger market size was valued at US\$ 1296 million in 2025 and is forecast to a readjusted size of US\$ 1822 million by 2032 with a CAGR of 4.9% during review period.

Fin Press Line for Heat Exchanger is an automated production line used to manufacture fins for heat exchanger cores, integrating coil unwinding, feeding, punching, forming, cutting, stacking, and line control into a continuous process. Its value lies in improving fin dimensional consistency, stamping efficiency, material utilization, and production stability, while supporting different fin specifications for air-conditioning, refrigeration, and automotive heat exchanger applications. In 2025, production was 35,000 units and the average price was USD 36,000 per unit. The industry's capacity utilization rate in 2025 was about 65%, and the average gross margin was around 25%. Upstream, the key inputs include alloy steel, ball screws, servo motors, linear guides, and controllers, with representative suppliers such as Baowu Steel Group, THK, and Yaskawa Electric providing steel materials, precision transmission components, motion-control parts, and control systems. The midstream segment focuses on press structure design, progressive die matching, automatic unwinding and feeding control, punching and forming process integration, servo motion coordination, cutting and stacking mechanism assembly, line synchronization, precision calibration, safety protection, reliability testing, and final line commissioning, which together determine forming accuracy, production speed, line stability, mold adaptability, automation level, and cost competitiveness. Downstream, Fin Press Line for Heat Exchanger is mainly used in air-conditioning heat exchangers, refrigerator heat exchangers, and automotive heat exchanger production, where it supports fin manufacturing for evaporators, condensers, radiators, and other heat exchange components, with representative customers including Midea Group,

Haier Smart Home, and Denso.

Fin Press Line for Heat Exchanger demand will be driven by downstream manufacturers treating fin production as a core lever for heat exchanger efficiency, not merely a sheet-metal process. Air-conditioning and refrigerator heat exchanger producers need stable fin pitch, lower burrs, better material utilization, and continuous output as products become thinner and more energy-efficient. Automotive applications add another layer of complexity, with radiators, condensers, and evaporators requiring tighter dimensional control and faster model changeover. Equipment selection will increasingly depend on die adaptability, feeding accuracy, uptime, scrap reduction, automation linkage, and the ability to support diversified heat exchanger specifications.

This report is a detailed and comprehensive analysis for global Fin Press Line for Heat Exchanger market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Fin Press Line for Heat Exchanger market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Fin Press Line for Heat Exchanger market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Fin Press Line for Heat Exchanger market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Fin Press Line for Heat Exchanger market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Fin Press Line for Heat Exchanger

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Fin Press Line for Heat Exchanger market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Burr OAK Tool (USA), SMAC Intelligent Technology (China), Hidaka Engineering (Japan), JDM Jingda Machine (China), Ningbo Jingsheng Automation Equipment (China), Ningbo Xin Chang Machinery (China), NTJF Intelligent Equipment (China), OMS Machinery (China), Satis Machinery (China), SINOAK Machinery (China), etc.

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

Market Segmentation

Fin Press Line for Heat Exchanger market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

C-Type Fin Press Line

H-Type Fin Press Line

Others

Market segment by Speed

Speed

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Fin Press Line for Heat Exchanger Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 C-Type Fin Press Line

1.3.3 H-Type Fin Press Line

1.3.4 Others

1.4 Market Analysis by Speed

1.4.1 Overview: Global Fin Press Line for Heat Exchanger Consumption Value by Speed: 2021 Versus 2025 Versus 2032

1.4.2 Speed

List Of Tables

LIST OF TABLES

- Table 1. Global Fin Press Line for Heat Exchanger Consumption Value by Type, (USD Million), 2021 & 2025 & 2032
- Table 2. Global Fin Press Line for Heat Exchanger Consumption Value by Speed, (USD Million), 2021 & 2025 & 2032
- Table 3. Global Fin Press Line for Heat Exchanger Consumption Value by Width, (USD Million), 2021 & 2025 & 2032
- Table 4. Global Fin Press Line for Heat Exchanger Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Table 5. Burr OAK Tool (USA) Basic Information, Manufacturing Base and Competitors
- Table 6. Burr OAK Tool (USA) Major Business
- Table 7. Burr OAK Tool (USA) Fin Press Line for Heat Exchanger Product and Services
- Table 8. Burr OAK Tool (USA) Fin Press Line for Heat Exchanger Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 9. Burr OAK Tool (USA) Recent Developments/Updates
- Table 10. SMAC Intelligent Technology (China) Basic Information, Manufacturing Base and Competitors
- Table 11. SMAC Intelligent Technology (China) Major Business
- Table 12. SMAC Intelligent Technology (China) Fin Press Line for Heat Exchanger Product and Services
- Table 13. SMAC Intelligent Technology (China) Fin Press Line for Heat Exchanger Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 14. SMAC Intelligent Technology (China) Recent Developments/Updates
- Table 15. Hidaka Engineering (Japan) Basic Information, Manufacturing Base and Competitors
- Table 16. Hidaka Engineering (Japan) Major Business
- Table 17. Hidaka Engineering (Japan) Fin Press Line for Heat Exchanger Product and Services
- Table 18. Hidaka Engineering (Japan) Fin Press Line for Heat Exchanger Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 19. Hidaka Engineering (Japan) Recent Developments/Updates
- Table 20. JDM Jingda Machine (China) Basic Information, Manufacturing Base and Competitors

Table 21. JDM Jingda Machine (China) Major Business
Table 22. JDM Jingda Machine (China) Fin Press Line for Heat Exchanger Product and Services
Table 23. JDM Jingda Machine (China) Fin Press Line for Heat Exchanger Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 24. JDM Jingda Machine (China) Recent Developments/Updates
Table 25. Ningbo Jingsheng Automation Equipment (China) Basic Information, Manufacturing Base and Competitors
Table 26. Ningbo Jingsheng Automation Equipment (China) Major Business
Table 27. Ningbo Jingsheng Automation Equipment (China) Fin Press Line for Heat Exchanger Product and Services
Table 28. Ningbo Jingsheng Automation Equipment (China) Fin Press Line for Heat Exchanger Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 29. Ningbo Jingsheng Automation Equipment (China) Recent Developments/Updates
Table 30. Ningbo Xin Chang Machinery (China) Basic Information, Manufacturing Base and Competitors
Table 31. Ningbo Xin Chang Machinery (China) Major Business
Table 32. Ningbo Xin Chang Machinery (China) Fin Press Line for Heat Exchanger Product and Services
Table 33. Ningbo Xin Chang Machinery (China) Fin Press Line for Heat Exchanger Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 34. Ningbo Xin Chang Machinery (China) Recent Developments/Updates
Table 35. NTJF Intelligent Equipment (China) Basic Information, Manufacturing Base and Competitors
Table 36. NTJF Intelligent Equipment (China) Major Business
Table 37. NTJF Intelligent Equipment (China) Fin Press Line for Heat Exchanger Product and Services
Table 38. NTJF Intelligent Equipment (China) Fin Press Line for Heat Exchanger Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 39. NTJF Intelligent Equipment (China) Recent Developments/Updates
Table 40. OMS Machinery (China) Basic Information, Manufacturing Base and Competitors
Table 41. OMS Machinery (China) Major Business
Table 42. OMS Machinery (China) Fin Press Line for Heat Exchanger Product and

Services

Table 43. OMS Machinery (China) Fin Press Line for Heat Exchanger Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. OMS Machinery (China) Recent Developments/Updates

Table 45. Satis Machinery (China) Basic Information, Manufacturing Base and Competitors

Table 46. Satis Machinery (China) Major Business

Table 47. Satis Machinery (China) Fin Press Line for Heat Exchanger Product and Services

Table 48. Satis Machinery (China) Fin Press Line for Heat Exchanger Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. Satis Machinery (China) Recent Developments/Updates

Table 50. SINOAK Machinery (China) Basic Information, Manufacturing Base and Competitors

Table 51. SINOAK Machinery (China) Major Business

Table 52. SINOAK Machinery (China) Fin Press Line for Heat Exchanger Product and Services

Table 53. SINOAK Machinery (China) Fin Press Line for Heat Exchanger Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. SINOAK Machinery (China) Recent Developments/Updates

Table 55. Yangli Group (China) Basic Information, Manufacturing Base and Competitors

Table 56. Yangli Group (China) Major Business

Table 57. Yangli Group (China) Fin Press Line for Heat Exchanger Product and Services

Table 58. Yangli Group (China) Fin Press Line for Heat Exchanger Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 59. Yangli Group (China) Recent Developments/Updates

Table 60. OMTR (Italy) Basic Information, Manufacturing Base and Competitors

Table 61. OMTR (Italy) Major Business

Table 62. OMTR (Italy) Fin Press Line for Heat Exchanger Product and Services

Table 63. OMTR (Italy) Fin Press Line for Heat Exchanger Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 64. OMTR (Italy) Recent Developments/Updates

Table 65. Global Fin Press Line for Heat Exchanger Sales Quantity by Manufacturer

(2021-2026) & (Units)

Table 66. Global Fin Press Line for Heat Exchanger Revenue by Manufacturer
(2021-2026) & (USD Million)

Table 67. Global Fin Press Line for Heat Exchanger Average Price by Manufacturer
(2021-2026) & (US\$/Unit)

Table 68. Market Position of Manufacturers in Fin Press Line for Heat Exchanger, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 69. Head Office and Fin Press Line for Heat Exchanger Production Site of Key Manufacturer

Table 70. Fin Press Line for Heat Exchanger Market: Company Product Type Footprint

Table 71. Fin Press Line for Heat Exchanger Market: Company Product Application Footprint

Table 72. Fin Press Line for Heat Exchanger New Market Entrants and Barriers to Market Entry

Table 73. Fin Press Line for Heat Exchanger Mergers, Acquisition, Agreements, and Collaborations

Table 74. Global Fin Press Line for Heat Exchanger Consumption Value by Region
(2021-2025-2032) & (USD Million) & CAGR

Table 75. Global Fin Press Line for Heat Exchanger Sales Quantity by Region
(2021-2026) & (Units)

Table 76. Global Fin Press Line for Heat Exchanger Sales Quantity by Region
(2027-2032) & (Units)

Table 77. Global Fin Press Line for Heat Exchanger Consumption Value by Region
(2021-2026) & (USD Million)

Table 78. Global Fin Press Line for Heat Exchanger Consumption Value by Region
(2027-2032) & (USD Million)

Table 79. Global Fin Press Line for Heat Exchanger Average Price by Region
(2021-2026) & (US\$/Unit)

Table 80. Global Fin Press Line for Heat Exchanger Average Price by Region
(2027-2032) & (US\$/Unit)

Table 81. Global Fin Press Line for Heat Exchanger Sales Quantity by Type
(2021-2026) & (Units)

Table 82. Global Fin Press Line for Heat Exchanger Sales Quantity by Type
(2027-2032) & (Units)

Table 83. Global Fin Press Line for Heat Exchanger Consumption Value by Type
(2021-2026) & (USD Million)

Table 84. Global Fin Press Line for Heat Exchanger Consumption Value by Type
(2027-2032) & (USD Million)

Table 85. Global Fin Press Line for Heat Exchanger Average Price by Type

(2021-2026) & (US\$/Unit)

Table 86. Global Fin Press Line for Heat Exchanger Average Price by Type

(2027-2032) & (US\$/Unit)

Table 87. Global Fin Press Line for Heat Exchanger Sales Quantity by Application

(2021-2026) & (Units)

Table 88. Global Fin Press Line for Heat Exchanger Sales Quantity by Application

(2027-2032) & (Units)

Table 89. Global Fin Press Line for Heat Exchanger Consumption Value by Application

(2021-2026) & (USD Million)

Table 90. Global Fin Press Line for Heat Exchanger Consumption Value by Application

(2027-2032) & (USD Million)

Table 91. Global Fin Press Line for Heat Exchanger Average Price by Application

(2021-2026) & (US\$/Unit)

Table 92. Global Fin Press Line for Heat Exchanger Average Price by Application

(2027-2032) & (US\$/Unit)

Table 93. North America Fin Press Line for Heat Exchanger Sales Quantity by Type

(2021-2026) & (Units)

Table 94. North America Fin Press Line for Heat Exchanger Sales Quantity by Type

(2027-2032) & (Units)

Table 95. North America Fin Press Line for Heat Exchanger Sales Quantity by Application (2021-2026) & (Units)

Table 96. North America Fin Press Line for Heat Exchanger Sales Quantity by Application (2027-2032) & (Units)

Table 97. North America Fin Press Line for Heat Exchanger Sales Quantity by Country (2021-2026) & (Units)

Table 98. North America Fin Press Line for Heat Exchanger Sales Quantity by Country (2027-2032) & (Units)

Table 99. North America Fin Press Line for Heat Exchanger Consumption Value by Country (2021-2026) & (USD Million)

Table 100. North America Fin Press Line for Heat Exchanger Consumption Value by Country (2027-2032) & (USD Million)

Table 101. Europe Fin Press Line for Heat Exchanger Sales Quantity by Type (2021-2026) & (Units)

Table 102. Europe Fin Press Line for Heat Exchanger Sales Quantity by Type (2027-2032) & (Units)

Table 103. Europe Fin Press Line for Heat Exchanger Sales Quantity by Application (2021-2026) & (Units)

Table 104. Europe Fin Press Line for Heat Exchanger Sales Quantity by Application (2027-2032) & (Units)

Table 105. Europe Fin Press Line for Heat Exchanger Sales Quantity by Country (2021-2026) & (Units)

Table 106. Europe Fin Press Line for Heat Exchanger Sales Quantity by Country (2027-2032) & (Units)

Table 107. Europe Fin Press Line for Heat Exchanger Consumption Value by Country (2021-2026) & (USD Million)

Table 108. Europe Fin Press Line for Heat Exchanger Consumption Value by Country (2027-2032) & (USD Million)

Table 109. Asia-Pacific Fin Press Line for Heat Exchanger Sales Quantity by Type (2021-2026) & (Units)

Table 110. Asia-Pacific Fin Press Line for Heat Exchanger Sales Quantity by Type (2027-2032) & (Units)

Table 111. Asia-Pacific Fin Press Line for Heat Exchanger Sales Quantity by Application (2021-2026) & (Units)

Table 112. Asia-Pacific Fin Press Line for Heat Exchanger Sales Quantity by Application (2027-2032) & (Units)

Table 113. Asia-Pacific Fin Press Line for Heat Exchanger Sales Quantity by Region (2021-2026) & (Units)

Table 114. Asia-Pacific Fin Press Line for Heat Exchanger Sales Quantity by Region (2027-2032) & (Units)

Table 115. Asia-Pacific Fin Press Line for Heat Exchanger Consumption Value by Region (2021-2026) & (USD Million)

Table 116. Asia-Pacific Fin Press Line for Heat Exchanger Consumption Value by Region (2027-2032) & (USD Million)

Table 117. South America Fin Press Line for Heat Exchanger Sales Quantity by Type (2021-2026) & (Units)

Table 118. South America Fin Press Line for Heat Exchanger Sales Quantity by Type (2027-2032) & (Units)

Table 119. South America Fin Press Line for Heat Exchanger Sales Quantity by Application (2021-2026) & (Units)

Table 120. South America Fin Press Line for Heat Exchanger Sales Quantity by Application (2027-2032) & (Units)

Table 121. South America Fin Press Line for Heat Exchanger Sales Quantity by Country (2021-2026) & (Units)

Table 122. South America Fin Press Line for Heat Exchanger Sales Quantity by Country (2027-2032) & (Units)

Table 123. South America Fin Press Line for Heat Exchanger Consumption Value by Country (2021-2026) & (USD Million)

Table 124. South America Fin Press Line for Heat Exchanger Consumption Value by

Country (2027-2032) & (USD Million)

Table 125. Middle East & Africa Fin Press Line for Heat Exchanger Sales Quantity by Type (2021-2026) & (Units)

Table 126. Middle East & Africa Fin Press Line for Heat Exchanger Sales Quantity by Type (2027-2032) & (Units)

Table 127. Middle East & Africa Fin Press Line for Heat Exchanger Sales Quantity by Application (2021-2026) & (Units)

Table 128. Middle East & Africa Fin Press Line for Heat Exchanger Sales Quantity by Application (2027-2032) & (Units)

Table 129. Middle East & Africa Fin Press Line for Heat Exchanger Sales Quantity by Country (2021-2026) & (Units)

Table 130. Middle East & Africa Fin Press Line for Heat Exchanger Sales Quantity by Country (2027-2032) & (Units)

Table 131. Middle East & Africa Fin Press Line for Heat Exchanger Consumption Value by Country (2021-2026) & (USD Million)

Table 132. Middle East & Africa Fin Press Line for Heat Exchanger Consumption Value by Country (2027-2032) & (USD Million)

Table 133. Fin Press Line for Heat Exchanger Raw Material

Table 134. Key Manufacturers of Fin Press Line for Heat Exchanger Raw Materials

Table 135. Fin Press Line for Heat Exchanger Typical Distributors

Table 136. Fin Press Line for Heat Exchanger Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Fin Press Line for Heat Exchanger Picture

Figure 2. Global Fin Press Line for Heat Exchanger Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Fin Press Line for Heat Exchanger Revenue Market Share by Type in 2025

Figure 4. C-Type Fin Press Line Examples

Figure 5. H-Type Fin Press Line Examples

Figure 6. Others Examples

Figure 7. Global Fin Press Line for Heat Exchanger Revenue by Speed, (USD Million), 2021 & 2025 & 2032

Figure 8. Global Fin Press Line for Heat Exchanger Revenue Market Share by Speed in 2025

Figure 9. Speed

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