

Global Silicone Rubber Extruder 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 Silicone Rubber Extruder market size was valued at US\$ 313 million in 2025 and is forecast to a readjusted size of US\$ 545 million by 2032 with a CAGR of 8.2% during review period.

In 2025, global sales of silicone rubber extruders reached 3,200 units, with an average selling price of US\$95,000. Silicone rubber extruders are specialized equipment used to continuously extrude solid or liquid silicone rubber into pipes, strips, sealing strips, and other shaped parts under screw pressure. They feature high temperature control accuracy, gentle shearing, continuous stability, and high cleanliness, and are widely used in the medical, food, electronics, power, and automotive industries. Their upstream raw materials and components mainly include alloy steel screws and barrels, servo motors, reducers, heating and temperature control systems, PLC and touch control systems, and steel structural components. On average, each unit consumes approximately 1.2 tons of alloy steel and 0.8 tons of cast steel structural components. Copper materials weigh 40kg, and electronic components weigh 25kg. Downstream suppliers mainly include silicone rubber product manufacturers, medical consumable manufacturers, food-grade pipe manufacturers, and cable and automotive sealing component companies. Medical and food-grade products account for 35%, cables and electronics for 30%, automotive sealing for 25%, and others for 10%. Global total capacity is approximately 3,600 units/year, with an industry gross profit margin of approximately 30%-40%. Future growth lies in upgrading to high-speed extrusion of LSR liquid silicone rubber, co-extrusion multi-layer structures, intelligent production lines, and ultra-clean designs. Demand and business opportunities stem from healthcare, rising food safety standards, new energy vehicle sealing, and accelerated substitution of domestically produced high-end equipment, driving the continued

expansion of mid-to-high-end silicone rubber extruders.

From a market perspective, silicone rubber extruders are in a period of steady growth characterized by 'application expansion + equipment upgrades.' The increasing demand for high-purity, high-consistency silicone rubber products from downstream industries such as medical, food, electronics, power, and new energy vehicles is driving the evolution of extrusion equipment from traditional general-purpose models to specialized, high-precision models, resulting in a strong structural growth characteristic in market demand.

From a technological trend perspective, high-speed extrusion of LSR (liquid silicone rubber), co-extrusion of multi-layer composites, online diameter measurement and closed-loop control, and intelligent integrated production lines are becoming the mainstream development directions. Downstream customers are paying more attention to production line stability, yield rate, and automation levels, which is driving up the value per unit of equipment and raising the technical barriers to screw design, temperature control systems, and overall line integration capabilities.

From a competitive landscape perspective, the high-end market is still dominated by international manufacturers with long-term technological accumulation, but in the mid-range and customized sectors, domestic companies are rapidly penetrating the market by offering better cost-effectiveness, faster delivery times, and localized services. With the expansion of domestic medical and food-grade silicone rubber product manufacturers and the increasing demand for self-controllable equipment, the space for domestic substitution continues to open up, and industry concentration is expected to gradually increase.

From the perspective of demand and business opportunities, the upgrading of medical consumables, stricter food safety regulations, and increased demand for seals and cables in new energy vehicles will continue to drive investment in high-end extrusion equipment. Meanwhile, the demand for automation upgrades and transformations of existing production lines will also bring stable orders to equipment manufacturers. Overall, the silicone rubber extruder sector has long-term, steady growth potential, and companies with core technologies and complete production line solutions are more likely to succeed in future competition.

This report is a detailed and comprehensive analysis for global Silicone Rubber Extruder 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 Silicone Rubber Extruder market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Silicone Rubber Extruder market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Silicone Rubber Extruder 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 Silicone Rubber Extruder 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 Silicone Rubber Extruder

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 Silicone Rubber Extruder 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 Diamond America, LDGSilicone, Zhejiang Baina Rubber & Plastic Equipment Co.,Ltd., Slach Rubbermac Private Limited, BEVIEW LIMITED, CHUANGZHAN, NANJINGJIEYA, Mentors Machinery Co.,Ltd.,

MITSUBAMFG.CO.,LTD., UDTECH, etc.

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

Market Segmentation

Silicone Rubber Extruder 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

Screw Diameter:

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 Silicone Rubber Extruder Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Screw Diameter:

List Of Tables

LIST OF TABLES

Table 1. Global Silicone Rubber Extruder Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Silicone Rubber Extruder Consumption Value by Extrusion Principle, (USD Million), 2021 & 2025 & 2032

Table 3. Global Silicone Rubber Extruder Consumption Value by Control System, (USD Million), 2021 & 2025 & 2032

Table 4. Global Silicone Rubber Extruder Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Diamond America Basic Information, Manufacturing Base and Competitors

Table 6. Diamond America Major Business

Table 7. Diamond America Silicone Rubber Extruder Product and Services

Table 8. Diamond America Silicone Rubber Extruder Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Diamond America Recent Developments/Updates

Table 10. LDGSilicone Basic Information, Manufacturing Base and Competitors

Table 11. LDGSilicone Major Business

Table 12. LDGSilicone Silicone Rubber Extruder Product and Services

Table 13. LDGSilicone Silicone Rubber Extruder Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. LDGSilicone Recent Developments/Updates

Table 15. Zhejiang Baina Rubber & Plastic Equipment Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 16. Zhejiang Baina Rubber & Plastic Equipment Co.,Ltd. Major Business

Table 17. Zhejiang Baina Rubber & Plastic Equipment Co.,Ltd. Silicone Rubber Extruder Product and Services

Table 18. Zhejiang Baina Rubber & Plastic Equipment Co.,Ltd. Silicone Rubber Extruder Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Zhejiang Baina Rubber & Plastic Equipment Co.,Ltd. Recent Developments/Updates

Table 20. Slach Rubbermac Private Limited Basic Information, Manufacturing Base and Competitors

Table 21. Slach Rubbermac Private Limited Major Business

Table 22. Slach Rubbermac Private Limited Silicone Rubber Extruder Product and Services

Table 23. Slach Rubbermac Private Limited Silicone Rubber Extruder Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. Slach Rubbermac Private Limited Recent Developments/Updates

Table 25. BEVIEW LIMITED Basic Information, Manufacturing Base and Competitors

Table 26. BEVIEW LIMITED Major Business

Table 27. BEVIEW LIMITED Silicone Rubber Extruder Product and Services

Table 28. BEVIEW LIMITED Silicone Rubber Extruder Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. BEVIEW LIMITED Recent Developments/Updates

Table 30. CHUANGZHAN Basic Information, Manufacturing Base and Competitors

Table 31. CHUANGZHAN Major Business

Table 32. CHUANGZHAN Silicone Rubber Extruder Product and Services

Table 33. CHUANGZHAN Silicone Rubber Extruder Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. CHUANGZHAN Recent Developments/Updates

Table 35. NANJINGJIEYA Basic Information, Manufacturing Base and Competitors

Table 36. NANJINGJIEYA Major Business

Table 37. NANJINGJIEYA Silicone Rubber Extruder Product and Services

Table 38. NANJINGJIEYA Silicone Rubber Extruder Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. NANJINGJIEYA Recent Developments/Updates

Table 40. Mentors Machinery Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 41. Mentors Machinery Co.,Ltd. Major Business

Table 42. Mentors Machinery Co.,Ltd. Silicone Rubber Extruder Product and Services

Table 43. Mentors Machinery Co.,Ltd. Silicone Rubber Extruder Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. Mentors Machinery Co.,Ltd. Recent Developments/Updates

Table 45. MITSUBAMFG.CO.,LTD. Basic Information, Manufacturing Base and Competitors

Table 46. MITSUBAMFG.CO.,LTD. Major Business

Table 47. MITSUBAMFG.CO.,LTD. Silicone Rubber Extruder Product and Services

Table 48. MITSUBAMFG.CO.,LTD. Silicone Rubber Extruder Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. MITSUBAMFG.CO.,LTD. Recent Developments/Updates

Table 50. UDTECH Basic Information, Manufacturing Base and Competitors

Table 51. UDTECH Major Business

Table 52. UDTECH Silicone Rubber Extruder Product and Services

Table 53. UDTECH Silicone Rubber Extruder Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. UDTECH Recent Developments/Updates

Table 55. Dongguan Taizheng Wire Machine Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 56. Dongguan Taizheng Wire Machine Co.,Ltd. Major Business

Table 57. Dongguan Taizheng Wire Machine Co.,Ltd. Silicone Rubber Extruder Product and Services

Table 58. Dongguan Taizheng Wire Machine Co.,Ltd. Silicone Rubber Extruder Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 59. Dongguan Taizheng Wire Machine Co.,Ltd. Recent Developments/Updates

Table 60. Well Shyang Machinery Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 61. Well Shyang Machinery Co.,Ltd. Major Business

Table 62. Well Shyang Machinery Co.,Ltd. Silicone Rubber Extruder Product and Services

Table 63. Well Shyang Machinery Co.,Ltd. Silicone Rubber Extruder Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 64. Well Shyang Machinery Co.,Ltd. Recent Developments/Updates

Table 65. CHENZE Basic Information, Manufacturing Base and Competitors

Table 66. CHENZE Major Business

Table 67. CHENZE Silicone Rubber Extruder Product and Services

Table 68. CHENZE Silicone Rubber Extruder Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 69. CHENZE Recent Developments/Updates

Table 70. Global Silicone Rubber Extruder Sales Quantity by Manufacturer (2021-2026) & (Units)

Table 71. Global Silicone Rubber Extruder Revenue by Manufacturer (2021-2026) & (USD Million)

Table 72. Global Silicone Rubber Extruder Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 73. Market Position of Manufacturers in Silicone Rubber Extruder, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 74. Head Office and Silicone Rubber Extruder Production Site of Key Manufacturer

Table 75. Silicone Rubber Extruder Market: Company Product Type Footprint

Table 76. Silicone Rubber Extruder Market: Company Product Application Footprint

Table 77. Silicone Rubber Extruder New Market Entrants and Barriers to Market Entry

Table 78. Silicone Rubber Extruder Mergers, Acquisition, Agreements, and Collaborations

Table 79. Global Silicone Rubber Extruder Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 80. Global Silicone Rubber Extruder Sales Quantity by Region (2021-2026) & (Units)

Table 81. Global Silicone Rubber Extruder Sales Quantity by Region (2027-2032) & (Units)

Table 82. Global Silicone Rubber Extruder Consumption Value by Region (2021-2026) & (USD Million)

Table 83. Global Silicone Rubber Extruder Consumption Value by Region (2027-2032) & (USD Million)

Table 84. Global Silicone Rubber Extruder Average Price by Region (2021-2026) & (US\$/Unit)

Table 85. Global Silicone Rubber Extruder Average Price by Region (2027-2032) & (US\$/Unit)

Table 86. Global Silicone Rubber Extruder Sales Quantity by Type (2021-2026) & (Units)

Table 87. Global Silicone Rubber Extruder Sales Quantity by Type (2027-2032) & (Units)

Table 88. Global Silicone Rubber Extruder Consumption Value by Type (2021-2026) & (USD Million)

Table 89. Global Silicone Rubber Extruder Consumption Value by Type (2027-2032) & (USD Million)

Table 90. Global Silicone Rubber Extruder Average Price by Type (2021-2026) & (US\$/Unit)

Table 91. Global Silicone Rubber Extruder Average Price by Type (2027-2032) & (US\$/Unit)

Table 92. Global Silicone Rubber Extruder Sales Quantity by Application (2021-2026) & (Units)

Table 93. Global Silicone Rubber Extruder Sales Quantity by Application (2027-2032) & (Units)

Table 94. Global Silicone Rubber Extruder Consumption Value by Application (2021-2026) & (USD Million)

Table 95. Global Silicone Rubber Extruder Consumption Value by Application (2027-2032) & (USD Million)

Table 96. Global Silicone Rubber Extruder Average Price by Application (2021-2026) & (US\$/Unit)

Table 97. Global Silicone Rubber Extruder Average Price by Application (2027-2032) & (US\$/Unit)

Table 98. North America Silicone Rubber Extruder Sales Quantity by Type (2021-2026) & (Units)

Table 99. North America Silicone Rubber Extruder Sales Quantity by Type (2027-2032) & (Units)

Table 100. North America Silicone Rubber Extruder Sales Quantity by Application (2021-2026) & (Units)

Table 101. North America Silicone Rubber Extruder Sales Quantity by Application (2027-2032) & (Units)

Table 102. North America Silicone Rubber Extruder Sales Quantity by Country (2021-2026) & (Units)

Table 103. North America Silicone Rubber Extruder Sales Quantity by Country (2027-2032) & (Units)

Table 104. North America Silicone Rubber Extruder Consumption Value by Country (2021-2026) & (USD Million)

Table 105. North America Silicone Rubber Extruder Consumption Value by Country (2027-2032) & (USD Million)

Table 106. Europe Silicone Rubber Extruder Sales Quantity by Type (2021-2026) & (Units)

Table 107. Europe Silicone Rubber Extruder Sales Quantity by Type (2027-2032) & (Units)

Table 108. Europe Silicone Rubber Extruder Sales Quantity by Application (2021-2026) & (Units)

Table 109. Europe Silicone Rubber Extruder Sales Quantity by Application (2027-2032) & (Units)

Table 110. Europe Silicone Rubber Extruder Sales Quantity by Country (2021-2026) & (Units)

Table 111. Europe Silicone Rubber Extruder Sales Quantity by Country (2027-2032) & (Units)

Table 112. Europe Silicone Rubber Extruder Consumption Value by Country (2021-2026) & (USD Million)

Table 113. Europe Silicone Rubber Extruder Consumption Value by Country (2027-2032) & (USD Million)

Table 114. Asia-Pacific Silicone Rubber Extruder Sales Quantity by Type (2021-2026) & (Units)

Table 115. Asia-Pacific Silicone Rubber Extruder Sales Quantity by Type (2027-2032) &

(Units)

Table 116. Asia-Pacific Silicone Rubber Extruder Sales Quantity by Application (2021-2026) & (Units)

Table 117. Asia-Pacific Silicone Rubber Extruder Sales Quantity by Application (2027-2032) & (Units)

Table 118. Asia-Pacific Silicone Rubber Extruder Sales Quantity by Region (2021-2026) & (Units)

Table 119. Asia-Pacific Silicone Rubber Extruder Sales Quantity by Region (2027-2032) & (Units)

Table 120. Asia-Pacific Silicone Rubber Extruder Consumption Value by Region (2021-2026) & (USD Million)

Table 121. Asia-Pacific Silicone Rubber Extruder Consumption Value by Region (2027-2032) & (USD Million)

Table 122. South America Silicone Rubber Extruder Sales Quantity by Type (2021-2026) & (Units)

Table 123. South America Silicone Rubber Extruder Sales Quantity by Type (2027-2032) & (Units)

Table 124. South America Silicone Rubber Extruder Sales Quantity by Application (2021-2026) & (Units)

Table 125. South America Silicone Rubber Extruder Sales Quantity by Application (2027-2032) & (Units)

Table 126. South America Silicone Rubber Extruder Sales Quantity by Country (2021-2026) & (Units)

Table 127. South America Silicone Rubber Extruder Sales Quantity by Country (2027-2032) & (Units)

Table 128. South America Silicone Rubber Extruder Consumption Value by Country (2021-2026) & (USD Million)

Table 129. South America Silicone Rubber Extruder Consumption Value by Country (2027-2032) & (USD Million)

Table 130. Middle East & Africa Silicone Rubber Extruder Sales Quantity by Type (2021-2026) & (Units)

Table 131. Middle East & Africa Silicone Rubber Extruder Sales Quantity by Type (2027-2032) & (Units)

Table 132. Middle East & Africa Silicone Rubber Extruder Sales Quantity by Application (2021-2026) & (Units)

Table 133. Middle East & Africa Silicone Rubber Extruder Sales Quantity by Application (2027-2032) & (Units)

Table 134. Middle East & Africa Silicone Rubber Extruder Sales Quantity by Country (2021-2026) & (Units)

Table 135. Middle East & Africa Silicone Rubber Extruder Sales Quantity by Country (2027-2032) & (Units)

Table 136. Middle East & Africa Silicone Rubber Extruder Consumption Value by Country (2021-2026) & (USD Million)

Table 137. Middle East & Africa Silicone Rubber Extruder Consumption Value by Country (2027-2032) & (USD Million)

Table 138. Silicone Rubber Extruder Raw Material

Table 139. Key Manufacturers of Silicone Rubber Extruder Raw Materials

Table 140. Silicone Rubber Extruder Typical Distributors

Table 141. Silicone Rubber Extruder Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Silicone Rubber Extruder Picture

Figure 2. Global Silicone Rubber Extruder Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Silicone Rubber Extruder Revenue Market Share by Type in 2025

Figure 4. Screw Diameter:

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