

**Industrial Mixer Market Assessment, By Product Type [Agitators, Special Mixers, Submersible Mixers, High-shear Mixers, Static Mixers, Jet Mixers], By End-user Industry [Chemicals, Food and Beverage, Water and Wastewater, Energy, Petrochemicals, Pharmaceuticals, Pulp and Paper, Mining, Minerals], By Region, Opportunities and Forecast, 2018-2032F**

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**Report description:**

Global industrial mixer market is projected to witness a CAGR of 8.03% during the forecast period 2025-2032, growing from USD 3.01 billion in 2024 to USD 5.58 billion in 2032. The market has experienced significant growth in recent years owing to rising demand in various industries, technological advancements, and growing urbanization. The demand is rising in processing industries, especially in the food and beverage sector, where consumer demand for processed food increases the need for industrial mixers to maintain product quality and efficient production processes. Similarly, growth in the pharmaceutical industry, especially in drug development and production, enhances the need for precise mixing of ingredients, further fueling the demand for these machines. Technological advancements also play a crucial role; the trend towards manufacturing automated units gives good precision and efficiency in mixing processes.

Moreover, urbanization and population growth also contribute to market growth. Increased demand for packaged foods and beverages requires efficient mixing solutions to meet production needs. In response to growing consumer demands, companies increasingly require industrial mixers that can handle various formulation types. Compliance with stringent quality control and regulatory standards in process industries further necessitates reliable mixing solutions, since they help manufacturers ensure product safety and consistency. Furthermore, as companies move further into the new global market, there is a robust demand for versatile mixing equipment that caters to varied regional demands.

For instance, in December 2024, Charles Ross & Son Company successfully finished another heavy-duty Dual-Shaft Mixer, model FDA-600, which is specifically designed to address demand from different industries, including chemicals, batteries, composites,

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and others.

#### Increasing Demand in the Chemical Industry Contributed to Market Growth

The increasing resonance of industrial mixers in the chemical industry significantly elevates the global market growth for industrial mixers. The expansion in the chemical and mining industry, industrial automation developments, and increasing demand for chemical and peripheral products are projected to drive growth. Increasing mining operations requires effective mixing solutions that ensure consistent quality and workflow. In addition, the demand for high-performance mixing equipment is also rapidly growing in various industries, including pharmaceuticals and chemicals, where hygiene standards are very stringent. Innovations such as adaptive mixers have changed the process and further drive the market by offering enhanced control and adaptability. Moreover, the market is characterized by diverse players, from small-scale manufacturers to large multinational corporations, fostering competition that drives innovation in mixer designs and functionality.

For instance, in September 2024, Lightnin, a division of SPX FLOW, Inc., introduced the 981-gearbox drive to its lineup of mixing solutions, tailored to address the increasing needs of the chemical and mining sectors.

#### Technological Advancements Propel the Global Industrial Mixer Market Growth

Technological advances are pivotal in propelling the growth of the global industrial mixer market. Mixer design and functionality innovations address the complex mixing challenges across many industries, ensuring greater efficiency and product quality. Numerical simulation and computational fluid dynamics (CFD) are important developments in which engineers optimize mixer designs based on particles' fluid flow and behavior by simulating their performance. This technology identifies possible mixing inefficiencies and optimizes mixer geometry and operating conditions to achieve better performance. In addition, the development of innovative mixing mechanisms is on the horizon, including oscillatory, ultrasonic, and electromagnetic mixers. New designs introduce novel principles that increase intensity and uniformity without mechanical contact, thereby broadening the capabilities of industrial mixers. Automation is also streamlining the operations within the industrial mixer market. Automated systems have reduced human interference, eliminated errors, and improved process efficiency through integrated platforms that facilitate data exchange between mixers and other equipment. With industry innovations, advanced mixing technologies will remain paramount in optimizing manufacturing processes across different sectors.

For instance, in April 2022, SPX FLOW, Inc. fully integrated new additions to its mixing solutions portfolio, resulting in a more technologically advanced offering for its customers.

#### Food and Beverage Industry Dominates the Global Industrial Mixer Market

The dominance of the food and beverage industry in the global industrial mixer market is a significant driver of growth, reflecting the sector's critical role in food processing and production. The prominent driver for this growth is the expanding food and beverage sector, set to increase production significantly, as the world population rises. According to the Food and Agriculture Organization (FAO), food production is expected to increase by 70% by 2050 to support a forecasted growth in population, directly influencing the demand for industrial mixers. These mixers play a crucial role in effectively mixing the ingredients while ensuring full hygiene to deliver consistent and quality products for various applications ranging from bakery to dairy products. The food industry significantly depends on industrial mixers to emulsify, knead the dough, and blend ingredients, making them essential for delivering safe and consistent food and flavor. For instance, in October 2024, Charles Ross & Son Company offered Ribbon Blenders that are widely used in process industries efficiently and effectively mixing powders, granules, pellets, grains, and various other bulk solids.

The overall supremacy of the food and beverage sector in the industrial mixer market emphasizes the need to serve ever-changing consumer requirements with innovations that lead to improvement in the manufacturing capacities in the sector.

#### Asia-Pacific Dominates Global Industrial Mixer Market Share

Asia-Pacific dominates the global industrial mixer market, showcasing significant growth potential and market share. The demand for efficient mixing solutions in various sectors, such as food and beverage, pharmaceuticals, and chemicals, is driven by rapid industrialization across countries like China and India. The increasing focus on high-performance mixing devices to enhance production efficiency and maintain stringent sanitary standards further propels market growth. This is particularly relevant in industries where hygiene is critical, as companies embrace advanced mixing technologies that comply with regulatory requirements. In addition, the government's initiatives to enhance manufacturing capabilities and investment in automation technologies are creating a robust environment for adopting industrial mixers in the region. The Asia-Pacific market holds the

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largest share globally and is also considered the fastest-growing segment in the industrial mixer domain. As businesses continue to expand their operations and innovate their products, this region will still have a strong demand for versatile and efficient industrial mixers, further solidifying its position as a leader in the global market.

For instance, in April 2024, Mars Mineral announced it would provide an advanced pin mixer to LDC Co., Ltd., which is in South Korea. The pin mixer was installed at their new manufacturing facility in Dangjin, South Korea.

#### Future Market Scenario (2025 - 2032F)

-□Advancements in automation and energy-efficient technologies will enhance operational efficiency, making industrial mixers attractive to manufacturers.

-□Government initiatives and policies promoting industrial expansion further boost the demand for industrial mixers.

-□Rapid urbanization and industrialization will play a crucial role in the dynamic growth of industrial mixers.

#### Key Players Landscape and Outlook

The global industrial mixer market is characterized by a competitive landscape featuring several key players who are instrumental in driving innovation and growth. This growth can be primarily credited to the rising demand for efficient mixing solutions across several industries, including food and beverage, pharmaceuticals, and chemicals. Technology advancements by companies including innovative high-shear mixers and automated systems help improve the operational efficiency of product consistency. Another factor that drives growth is sustainability, focusing on energy-efficient designs and sustainable practices as companies move towards meeting the needs of the environment, regulators, and customers. In addition, increasing demand for automation in manufacturing makes continuous operations and industrial mixers with minimal human intervention. Overall, the prospects for the industrial mixer market look robust, major companies investing in research and development, collaborating, acquiring, or merging to introduce advanced mixer technologies that would cater to the specific industry requirement by focusing on enhancing mixer efficiency, improving the quality of product, and minimizing environmental impact by adopting sustainable practices. For instance, in October 2024, Anduril Industries, Inc. collaborated with FlackTek Inc. to create and produce an innovative large-scale system designed to rapidly mix propellants used in solid rocket motors (SRMs). This bladeless dual asymmetric centrifugal mixer establishes a new benchmark in defense manufacturing, allowing for multi-hundred-kilo batch processing with unmatched speed and efficiency.

#### Table of Contents:

- 1.□Project Scope and Definitions
- 2.□Research Methodology
- 3.□Executive Summary
- 4.□Voice of Customer
  - 4.1.□Product and Market Intelligence
  - 4.2.□Brand Awareness
  - 4.3.□Factors Considered in Purchase Decisions
    - 4.3.1.□Material Properties
    - 4.3.2.□Size and Capacity
    - 4.3.3.□Maintenance Requirements
    - 4.3.4.□Supplier Reputation and Support
    - 4.3.5.□After-Sales Support
- 5.□Global Industrial Mixer Market Outlook, 2018-2032F
  - 5.1.□Market Size Analysis & Forecast
    - 5.1.1.□By Value
    - 5.1.2.□By Volume
  - 5.2.□Market Share Analysis & Forecast
    - 5.2.1.□By Product Type
      - 5.2.1.1.□Agitators
      - 5.2.1.2.□Special Mixers

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- 5.2.1.3. □ Submersible Mixers
- 5.2.1.4. □ High-shear Mixers
- 5.2.1.5. □ Static Mixers
- 5.2.1.6. □ Jet Mixers
- 5.2.2. □ By End-user Industry
- 5.2.2.1. □ Chemicals
- 5.2.2.2. □ Food and Beverage
- 5.2.2.3. □ Water and Wastewater
- 5.2.2.4. □ Energy
- 5.2.2.5. □ Petrochemicals
- 5.2.2.6. □ Pharmaceuticals
- 5.2.2.7. □ Pulp and Paper
- 5.2.2.8. □ Mining
- 5.2.2.9. □ Minerals
- 5.2.3. □ By Region
- 5.2.3.1. □ North America
- 5.2.3.2. □ Europe
- 5.2.3.3. □ Asia-Pacific
- 5.2.3.4. □ South America
- 5.2.3.5. □ Middle East and Africa
- 5.2.4. □ By Company Market Share Analysis (Top 5 Companies and Others - By Value, 2024)
- 5.3. □ Market Map Analysis, 2024
- 5.3.1. □ By Product Type
- 5.3.2. □ By End-user Industry
- 5.3.3. □ By Region
- 6. □ North America Industrial Mixer Market Outlook, 2018-2032F\*
- 6.1. □ Market Size Analysis & Forecast
- 6.1.1. □ By Value
- 6.1.2. □ By Volume
- 6.2. □ Market Share Analysis & Forecast
- 6.2.1. □ By Product Type
- 6.2.1.1. □ Agitators
- 6.2.1.2. □ Special Mixers
- 6.2.1.3. □ Submersible Mixers
- 6.2.1.4. □ High-shear Mixers
- 6.2.1.5. □ Static Mixers
- 6.2.1.6. □ Jet Mixers
- 6.2.2. □ By End-user Industry
- 6.2.2.1. □ Chemicals
- 6.2.2.2. □ Food and Beverage
- 6.2.2.3. □ Water and Wastewater
- 6.2.2.4. □ Energy
- 6.2.2.5. □ Petrochemicals
- 6.2.2.6. □ Pharmaceuticals
- 6.2.2.7. □ Pulp and Paper
- 6.2.2.8. □ Mining
- 6.2.2.9. □ Minerals

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- 6.3.□Country Market Assessment
    - 6.3.1.□United States Industrial Mixer Market Outlook, 2018-2032F\*
      - 6.3.1.1.□Market Size Analysis & Forecast
        - 6.3.1.1.1.□By Value
        - 6.3.1.1.2.□By Volume
      - 6.3.1.2.□Market Share Analysis & Forecast
        - 6.3.1.2.1.□By Product Type
          - 6.3.1.2.1.1.□Agitators
          - 6.3.1.2.1.2.□Special Mixers
          - 6.3.1.2.1.3.□Submersible Mixers
          - 6.3.1.2.1.4.□High-shear Mixers
          - 6.3.1.2.1.5.□Static Mixers
          - 6.3.1.2.1.6.□Jet Mixers
        - 6.3.1.2.2.□By End-user Industry
          - 6.3.1.2.2.1.□Chemicals
          - 6.3.1.2.2.2.□Food and Beverage
          - 6.3.1.2.2.3.□Water and Wastewater
          - 6.3.1.2.2.4.□Energy
          - 6.3.1.2.2.5.□Petrochemicals
          - 6.3.1.2.2.6.□Pharmaceuticals
          - 6.3.1.2.2.7.□Pulp and Paper
          - 6.3.1.2.2.8.□Mining
          - 6.3.1.2.2.9.□Minerals
    - 6.3.2.□Canada
    - 6.3.3.□Mexico
- \*All segments will be provided for all regions and countries covered
- 7.□Europe Industrial Mixer Market Outlook, 2018-2032F
    - 7.1.□Germany
    - 7.2.□France
    - 7.3.□Italy
    - 7.4.□United Kingdom
    - 7.5.□Russia
    - 7.6.□Netherlands
    - 7.7.□Spain
    - 7.8.□Turkey
    - 7.9.□Poland
  - 8.□Asia-Pacific Industrial Mixer Market Outlook, 2018-2032F
    - 8.1.□India
    - 8.2.□China
    - 8.3.□Japan
    - 8.4.□Australia
    - 8.5.□Vietnam
    - 8.6.□South Korea
    - 8.7.□Indonesia
    - 8.8.□Philippines
  - 9.□South America Industrial Mixer Market Outlook, 2018-2032F
    - 9.1.□Brazil

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9.2.	Argentina
10.	Middle East and Africa Industrial Mixer Market Outlook, 2018-2032F
10.1.	Saudi Arabia
10.2.	UAE
10.3.	South Africa
11.	Demand Supply Analysis
12.	Import and Export Analysis
13.	Value Chain Analysis
14.	Porter's Five Forces Analysis
15.	PESTLE Analysis
16.	Pricing Analysis
17.	Market Dynamics
17.1.	Market Drivers
17.2.	Market Challenges
18.	Market Trends and Developments
19.	Case Studies
20.	Competitive Landscape
20.1.	Competition Matrix of Top 5 Market Leaders
20.2.	SWOT Analysis for Top 5 Players
20.3.	Key Players Landscape for Top 10 Market Players
20.3.1.	SPX FLOW, Inc.
20.3.1.1.	Company Details
20.3.1.2.	Key Management Personnel
20.3.1.3.	Products and Services
20.3.1.4.	Financials (As Reported)
20.3.1.5.	Key Market Focus and Geographical Presence
20.3.1.6.	Recent Developments/Collaborations/Partnerships/Mergers and Acquisition
20.3.2.	Sulzer Management Ltd.
20.3.3.	Xylem
20.3.4.	Alfa Laval Corporate AB
20.3.5.	EKATO Holding GmbH
20.3.6.	NOV group
20.3.7.	Mitsubishi Kakoki Kaisha, Ltd.
20.3.8.	Charles Ross & Son Company
20.3.9.	Mars Mineral
20.3.10.	Silverson Machines
*Companies mentioned above DO NOT hold any order as per market share and can be changed as per information available during research work.	
21.	Strategic Recommendations
22.	About Us and Disclaimer

**Industrial Mixer Market Assessment, By Product Type [Agitators, Special Mixers, Submersible Mixers, High-shear Mixers, Static Mixers, Jet Mixers], By End-user Industry [Chemicals, Food and Beverage, Water and Wastewater, Energy, Petrochemicals, Pharmaceuticals, Pulp and Paper, Mining, Minerals], By Region, Opportunities and Forecast, 2018-2032F**

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