

# **Liquid Powder and Speciality Coating Equipment Market Forecasts to 2032 – Global Analysis By Product Type (Liquid Coating Equipment, Specialty Coating Equipment, Powder Coating Equipment, and Other Product Types), Coating Technology, Automation Level, Application, End User and By Geography**

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## **Abstracts**

According to Statistics MRC, the Global Liquid Powder and Speciality Coating Equipment Market is accounted for \$3.11 billion in 2025 and is expected to reach \$5.13 billion by 2032 growing at a CAGR of 7.4% during the forecast period. Liquid, powder, and specialty coating equipment are systems designed to apply protective or decorative finishes to surfaces. Liquid coating equipment uses spray or dip methods to apply wet paint, while powder coating systems electrostatically apply dry powder that's cured with heat. Specialty coating equipment handles advanced or niche applications, including UV curing or high-performance coatings, ensuring durability, aesthetics, and functionality in industries like automotive, aerospace, and consumer goods.

According to the information portal Marlines, car sales in China decreased by 10% in 2021 compared to 2020.

Market Dynamics:

Driver:

Growing demand in automotive and aerospace sectors

The rise of electric vehicles (EVs) and advancements in aerospace technologies are significantly boosting the demand for liquid powder and specialty coating equipment. Manufacturers are adopting these coating solutions to enhance durability and provide corrosion protection for components. Coating technologies, such as electrophoretic coatings, are particularly crucial in achieving high-quality finishes for automotive and aerospace parts. Additionally, sustainability initiatives are encouraging the use of eco-friendly coating materials. These factors are collectively driving robust market growth in this segment.

#### Restraint:

##### Complex maintenance and technical training needs

Training programs for employees often need customization based on the specific equipment in use, complicating integration for manufacturers. Large-scale coating equipment also demands sophisticated infrastructure and regular upkeep to minimize downtime. Small-scale industries find it challenging to allocate resources for such maintenance tasks. Furthermore, the complexity of handling advanced coatings requires constant monitoring to ensure quality standards are met. These hurdles can hinder the seamless implementation of coating technologies across diverse industries.

#### Opportunity:

##### Increasing need for corrosion protection and durability

As industries shift towards sustainable practices, there is a growing focus on durable and corrosion-resistant materials. Liquid powder and specialty coatings enable manufacturers to meet these demands by extending the lifespan of parts and components. Technological advancements in coating methods are opening new possibilities for precision application. Electric vehicle production, in particular, benefits from lightweight and resilient coatings that enhance performance. Innovation in powder coating technology also reduces waste, supporting eco-friendly manufacturing goals.

#### Threat:

##### Limited adoption in small-scale industries

Small-scale industries often face challenges in adopting specialized coating equipment due to cost and infrastructure limitations. The high initial investment and operational

complexity deter many small-scale manufacturers. Additionally, limited knowledge about advanced coatings and their benefits acts as a barrier to entry. The lack of tailored solutions for smaller operations further restricts adoption. This hesitation among small businesses may impact the overall market penetration of coating technologies.

### Covid-19 Impact

The pandemic brought mixed effects to the Liquid Powder and Specialty Coating Equipment Market. While supply chain disruptions initially slowed production, the post-pandemic recovery highlighted the demand for cost-efficient and durable coatings. Manufacturers adopted liquid powder technologies to ensure resilience in their operations, particularly in sectors like automotive and aerospace. However, factory closures during the pandemic underlined the importance of adaptive manufacturing strategies. As industries focus on robust recovery, coating technologies continue to gain traction in global markets.

The electrophoretic coating segment is expected to be the largest during the forecast period

The electrophoretic coating segment is expected to account for the largest market share during the forecast period, owing to their exceptional durability and uniform finish. These coatings are widely used in the automotive and aerospace sectors to meet stringent quality requirements. Their ability to enhance corrosion resistance makes them an essential part of modern manufacturing. The segment's growth is further fuelled by advancements in coating technologies that offer eco-friendly solutions.

The automotive segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the automotive segment is predicted to witness the highest growth rate, due to rising electric vehicle adoption and lightweight material trends. Coating technologies are essential for ensuring the durability and aesthetic appeal of automotive components. As EV production scales up, advanced coatings support the need for efficient manufacturing processes. Powder coating innovations in the automotive sector further streamline application and waste reduction.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market

share driven by its robust automotive and manufacturing industries. Countries like China, Japan, and South Korea lead the adoption of advanced coating technologies. Supportive government policies in these regions further boost market development. The strong presence of leading automotive manufacturers ensures a steady demand for coating equipment. Additionally, the region's investments in EV production align with the growing need for durable and eco-friendly coatings.

#### Region with highest CAGR:

Over the forecast period, the North America region is anticipated to exhibit the highest CAGR, fuelled by its advanced manufacturing infrastructure. The region's focus on electric vehicle production and aerospace technologies drives demand for liquid powder and specialty coatings. Companies like Tesla lead the adoption of innovative coating methods, enhancing market growth. Government support for research in coating technologies ensures continued advancement in the sector.

#### Key players in the market

Some of the key players profiled in the Liquid Powder and Speciality Coating Equipment Market include Nordson Corporation, Graco Inc., ITW, Sames Kremlin, Asahi Sunac Corporation, Anest Iwata Corporation, Carlisle Fluid Technologies, Wagner Group, Taiho Kohzai Co., Ltd., Exel Industries, Gema Switzerland GmbH, Axalta Coating Systems, PPG Industries Inc., Sherwin-Williams Company, and IHI Corporation.

#### Key Developments:

In February 2025, Nordson Electronics Solutions announces their latest technology innovation for conformal coating systems, the ASYMTEK Select Coat® SL-1040 Ultrasonic Cleaning Station (patent pending) to keep nozzles and needles clean and prevent clogging during production. The cleaning process is programmable and is integrated with a self-leveling solvent system.

In November 2024, Graco Inc. announced that it has completed its previously-announced acquisition of Corob S.p.A. ("Corob") for €230 million, subject to customary adjustments, with up to €30 million in additional contingent consideration.

#### Product Types Covered:

Liquid Coating Equipment

Specialty Coating Equipment

Powder Coating Equipment

Other Product Types

Coating Technologies Covered:

Electrophoretic Coating

Electrostatic Coating

Thermal Spray Coating

Vacuum Coating

Plasma Spray Coating

Fluidized Bed Coating

UV-Cured Coating

Other Technologies

Automation Levels Covered:

Manual

Semi-Automatic

Automatic

Fully Automated

Applications Covered:

Automotive

Consumer Electronics

Aerospace

Industrial Equipment

Construction

Medical

Other Applications

#### End Users Covered:

Manufacturers

Job Shops

Original Equipment Manufacturers (OEMs)

Other End Users

#### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2022, 2023, 2024, 2026, and 2030
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

#### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

#### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

## Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Product Analysis
- 3.7 Technology Analysis
- 3.8 Application Analysis
- 3.9 End User Analysis
- 3.10 Emerging Markets
- 3.11 Impact of Covid-19

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants

#### 4.5 Competitive rivalry

### **5 GLOBAL LIQUID POWDER AND SPECIALITY COATING EQUIPMENT MARKET, BY PRODUCT TYPE**

#### 5.1 Introduction

#### 5.2 Liquid Coating Equipment

#### 5.3 Specialty Coating Equipment

#### 5.4 Powder Coating Equipment

#### 5.5 Other Product Types

### **6 GLOBAL LIQUID POWDER AND SPECIALITY COATING EQUIPMENT MARKET, BY COATING TECHNOLOGY**

#### 6.1 Introduction

#### 6.2 Electrophoretic Coating

#### 6.3 Electrostatic Coating

#### 6.4 Thermal Spray Coating

#### 6.5 Vacuum Coating

#### 6.6 Plasma Spray Coating

#### 6.7 Fluidized Bed Coating

#### 6.8 UV-Cured Coating

#### 6.9 Other Technologies

### **7 GLOBAL LIQUID POWDER AND SPECIALITY COATING EQUIPMENT MARKET, BY AUTOMATION LEVEL**

#### 7.1 Introduction

#### 7.2 Manual

#### 7.3 Semi-Automatic

#### 7.4 Automatic

#### 7.5 Fully Automated

### **8 GLOBAL LIQUID POWDER AND SPECIALITY COATING EQUIPMENT MARKET, BY APPLICATION**

#### 8.1 Introduction

#### 8.2 Automotive

#### 8.3 Consumer Electronics

- 8.4 Aerospace
- 8.5 Industrial Equipment
- 8.6 Construction
- 8.7 Medical
- 8.8 Other Applications

## **9 GLOBAL LIQUID POWDER AND SPECIALITY COATING EQUIPMENT MARKET, BY END USER**

- 9.1 Introduction
- 9.2 Manufacturers
- 9.3 Job Shops
- 9.4 Original Equipment Manufacturers (OEMs)
- 9.5 Other End Users

## **10 GLOBAL LIQUID POWDER AND SPECIALITY COATING EQUIPMENT MARKET, BY GEOGRAPHY**

- 10.1 Introduction
- 10.2 North America
  - 10.2.1 US
  - 10.2.2 Canada
  - 10.2.3 Mexico
- 10.3 Europe
  - 10.3.1 Germany
  - 10.3.2 UK
  - 10.3.3 Italy
  - 10.3.4 France
  - 10.3.5 Spain
  - 10.3.6 Rest of Europe
- 10.4 Asia Pacific
  - 10.4.1 Japan
  - 10.4.2 China
  - 10.4.3 India
  - 10.4.4 Australia
  - 10.4.5 New Zealand
  - 10.4.6 South Korea
  - 10.4.7 Rest of Asia Pacific
- 10.5 South America

- 10.5.1 Argentina
- 10.5.2 Brazil
- 10.5.3 Chile
- 10.5.4 Rest of South America
- 10.6 Middle East & Africa
  - 10.6.1 Saudi Arabia
  - 10.6.2 UAE
  - 10.6.3 Qatar
  - 10.6.4 South Africa
  - 10.6.5 Rest of Middle East & Africa

## **11 KEY DEVELOPMENTS**

- 11.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 11.2 Acquisitions & Mergers
- 11.3 New Product Launch
- 11.4 Expansions
- 11.5 Other Key Strategies

## **12 COMPANY PROFILING**

- 12.1 Nordson Corporation
- 12.2 Graco Inc.
- 12.3 ITW
- 12.4 Sames Kremlin
- 12.5 Asahi Sunac Corporation
- 12.6 Anest Iwata Corporation
- 12.7 Carlisle Fluid Technologies
- 12.8 Wagner Group
- 12.9 Taiho Kohzai Co., Ltd.
- 12.10 Exel Industries
- 12.11 Gema Switzerland GmbH
- 12.12 Axalta Coating Systems
- 12.13 PPG Industries Inc.
- 12.14 Sherwin-Williams Company
- 12.15 IHI Corporation

## List Of Tables

### LIST OF TABLES

Table 1 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Region (2024-2032) (\$MN)

Table 2 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Product Type (2024-2032) (\$MN)

Table 3 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Liquid Coating Equipment (2024-2032) (\$MN)

Table 4 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Specialty Coating Equipment (2024-2032) (\$MN)

Table 5 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Powder Coating Equipment (2024-2032) (\$MN)

Table 6 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Other Product Types (2024-2032) (\$MN)

Table 7 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Coating Technology (2024-2032) (\$MN)

Table 8 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Electrophoretic Coating (2024-2032) (\$MN)

Table 9 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Electrostatic Coating (2024-2032) (\$MN)

Table 10 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Thermal Spray Coating (2024-2032) (\$MN)

Table 11 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Vacuum Coating (2024-2032) (\$MN)

Table 12 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Plasma Spray Coating (2024-2032) (\$MN)

Table 13 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Fluidized Bed Coating (2024-2032) (\$MN)

Table 14 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By UV-Cured Coating (2024-2032) (\$MN)

Table 15 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Other Technologies (2024-2032) (\$MN)

Table 16 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Automation Level (2024-2032) (\$MN)

Table 17 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Manual (2024-2032) (\$MN)

Table 18 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By

Semi-Automatic (2024-2032) (\$MN)

Table 19 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Automatic (2024-2032) (\$MN)

Table 20 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Fully Automated (2024-2032) (\$MN)

Table 21 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Application (2024-2032) (\$MN)

Table 22 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Automotive (2024-2032) (\$MN)

Table 23 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Consumer Electronics (2024-2032) (\$MN)

Table 24 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Aerospace (2024-2032) (\$MN)

Table 25 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Industrial Equipment (2024-2032) (\$MN)

Table 26 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Construction (2024-2032) (\$MN)

Table 27 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Medical (2024-2032) (\$MN)

Table 28 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Other Applications (2024-2032) (\$MN)

Table 29 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By End User (2024-2032) (\$MN)

Table 30 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Manufacturers (2024-2032) (\$MN)

Table 31 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Job Shops (2024-2032) (\$MN)

Table 32 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Original Equipment Manufacturers (OEMs) (2024-2032) (\$MN)

Table 33 Global Liquid Powder and Speciality Coating Equipment Market Outlook, By Other End Users (2024-2032) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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