

# **Cooling Drum Flaker Global Market Insights 2025, Analysis and Forecast to 2030, by Manufacturers, Regions, Technology, Application**

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## **Abstracts**

### Cooling Drum Flaker Market Summary

#### Introduction

Cooling Drum Flakers are industrial machines used to solidify molten materials into flakes or sheets through a rotating drum cooled internally, serving chemical, pharmaceutical, and food applications. The industry is characterized by its focus on precision cooling, energy efficiency, and scalability, driven by demand for high-quality, uniform flaked products. Key trends include automated drum flakers, corrosion-resistant materials, and integration with IoT for process monitoring, with growth fueled by advancements in chemical processing and food manufacturing.

#### Market Size and Growth Forecast

The global Cooling Drum Flaker market was valued at USD 180–310 million in 2024, with an estimated CAGR of 4.5%–6.5% from 2025 to 2030, propelled by industrial processing and pharmaceutical manufacturing growth.

#### Regional Analysis

North America grows at 4.3%–6.3%; the U.S. leads due to chemical industries, emphasizing automated flakers.

Europe achieves 4.0%–6.0% growth; Germany drives demand, focusing on energy-efficient designs.

Asia Pacific records 5.0%–7.0% growth; China and India are key markets, with trends toward food processing.

Rest of the World grows at 4.0%–6.0%; Brazil shows potential, prioritizing cost-effective flakers.

### Application Analysis

Chemical expands at 4.8%–6.8%; it dominates resin production, with trends favoring corrosion-resistant flakers.

Pharmaceutical grows at 4.5%–6.5%; it supports drug formulation, emphasizing hygienic designs.

Food rises at 4.3%–6.3%; it drives confectionery processing, focusing on uniform flaking.

### Key Market Players

Andritz Group, based in Graz, Austria, is a leading manufacturer of cooling drum flakers, offering automated systems for chemical processing. Its flakers are known for high precision and compatibility with IoT monitoring.

Hebeler, headquartered in Tonawanda, New York, USA, specializes in durable drum flakers for pharmaceutical applications, with a focus on hygienic designs and consistent cooling performance.

Ingetecsa, from Barcelona, Spain, provides innovative flakers for food processing, emphasizing energy efficiency and scalability for high-throughput operations.

Delta Costruzioni Meccaniche, based in Misinto, Italy, produces high-performance drum flakers for chemical industries, with a focus on corrosion-resistant materials and robust construction.

Abster Equipment, headquartered in Ahmedabad, India, offers cost-effective drum flakers for food and chemical applications, known for their reliability and ease of maintenance.

Shanghai Tianhe Pharmaceutical Machinery, from Shanghai, China, supplies scalable flakers for pharmaceutical manufacturing, emphasizing precision cooling and user-friendly interfaces.

### Porter's Five Forces Analysis

The threat of new entrants is moderate; technical expertise and capital costs create barriers, but demand attracts niche players.

The threat of substitutes is low; alternative solidification methods lack flaker precision.

Buyer power is moderate; industries demand quality, but large buyers negotiate pricing.

Supplier power is low; materials like stainless steel are widely available, reducing supplier leverage.

Competitive rivalry is moderate; companies differentiate through automation and energy efficiency.

### Market Opportunities and Challenges

#### Opportunities

Growing chemical and pharmaceutical industries drive flaker demand.

Automated and IoT-integrated flakers enhance market growth.

Emerging markets offer expansion as processing industries grow in Asia.

#### Challenges

High costs limit adoption in smaller facilities.

Regulatory scrutiny on hygienic standards increases compliance costs.

Skilled operator shortages hinder advanced flaker use.

### Growth Trend Analysis

The Cooling Drum Flaker market is growing steadily, driven by industrial processing needs. On November 7, 2024, Fortifi Food Processing Solutions acquired BANSS assets, enhancing food processing capabilities. Middleby's acquisition of Gorreri Food Processing Technology on November 26, 2024, bolstered flaking equipment portfolios. BEKO TECHNOLOGIES' majority stake in Wuxi Gas Purification Solutions on February 26, 2025, supported chemical processing. SugaRich's acquisition of a food processing business on April 10, 2025, aligns with a projected CAGR of 4.5%–6.5% through 2030, reflecting demand for efficient flaking solutions.

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