

Global Bottom Discharge Centrifuge 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 Bottom Discharge Centrifuge market size was valued at US\$ 294 million in 2025 and is forecast to a readjusted size of US\$ 417 million by 2032 with a CAGR of 5.0% during review period.

In 2025, global Bottom Discharge Centrifuge production reached approximately 7,154 Units. The average price is approximately \$40,000. Bottom Discharge Centrifuge is an industrial batch solid-liquid separation machine centered on a vertical basket configuration, in which solids retained on the filter medium are discharged downward through the bottom of the machine after filtration, washing, dewatering and controlled cake removal.

Based on our research, the bottom discharge centrifuge market should be treated as a specialized filtration centrifuge segment rather than as a broad centrifuge market. The appropriate scope is centered on vertical basket machines that perform batch solid-liquid separation and discharge the retained cake through the bottom by scraper, peeler, pull-bag, shaking-bag or gravity-assisted mechanisms. This definition is narrower than the total industrial centrifuge universe and should not include decanter centrifuges, disc-stack separators, laboratory centrifuges, pusher centrifuges or general top-discharge basket centrifuges. In global supplier terminology, the product is often described as vertical peeler centrifuge, vertical basket bottom discharge centrifuge, bottom discharge scraper centrifuge or automatic discharge vertical batch centrifuge, while in the Chinese market it is commonly represented by PGZ, LGZ, PLD, scraper bottom discharge, platform scraper centrifuge and pull-bag bottom discharge product families. This strict boundary is essential for market sizing because the true addressable market is driven by batch filtration, cake washing, containment and controlled product

discharge, not by generic centrifugal separation demand.

From the supply side, the industry is structured as a layered global market. European and North American suppliers such as ANDRITZ, De Dietrich, Ferrum, Riera Nadeu, Comi Condor, Rousselet Robatel and Western States form the premium and specialized supplier base, particularly for pharmaceutical, fine chemical, sugar and hazardous chemical processes. Japanese manufacturers have a mature position in bottom discharge, suspended and highly automated basket centrifuges for pharmaceutical, food, chemical and sugar-related applications. China has the largest number of identifiable manufacturing entities, with a broad PGZ/LGZ/PLD product system covering pharmaceuticals, chemicals, food, new energy materials and environmental applications. India has a visible group of regional manufacturers serving local pharmaceutical and chemical customers with lower ASP equipment. Because many real manufacturers are private, regional or financially opaque, a completeness-first supplier pool is more appropriate than a narrow revenue-only ranking.

The technology direction is moving from basic mechanical separation toward cleaner, safer and more automated batch processing. Premium equipment will continue to emphasize cGMP design, ATEX compliance, nitrogen inerting, CIP capability, full process-area inspection, residual cake removal, advanced monitoring, recipe control and modular serviceability. Chinese suppliers are upgrading from conventional PGZ/LGZ units toward larger, more automated and more enclosed systems for pharmaceutical intermediates, lithium-related materials and specialty chemicals. Indian and other emerging-market suppliers are likely to compete mainly on price, customization and shorter delivery. The main substitution risks come from continuous filtration, filter-dryer systems, pressure filtration and integrated washing-drying equipment, but in high-value batch processes requiring containment and flexible product handling, bottom discharge centrifuges should remain a durable process choice.

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

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

Global Bottom Discharge Centrifuge market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Bottom Discharge Centrifuge market shares of main players, shipments in revenue (\$ Million), sales quantity (K 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 Bottom Discharge Centrifuge

- 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 Bottom Discharge Centrifuge 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 De Dietrich Process Systems, Ferrum AG, ANDRITZ AG, Jiangsu Saideli, Jiangsu Huada Centrifuge, Comi Condor, Rousselet Robatel, Western States Machine, Matsumoto Machine, Tsukishima Kikai, etc.

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

Market Segmentation

Bottom Discharge Centrifuge 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

Scraper Bottom Discharge

Peeler Bottom Discharge

Market segment by Automation Level

Semi-automatic Bottom-Discharge Centrifuge

Fully Automatic Bottom-Discharge Centrifuge

Market segment by Drum Diameter

Drum Diameter Range (mm): 450?600

Drum Diameter Range (mm): 800?1000

Drum Diameter Range (mm): 1250?1600

Others

Market segment by Application

Pharmaceutical Industry

Chemical Industry

Food and Beverage Industry

Others

Major players covered

De Dietrich Process Systems

Ferrum AG

ANDRITZ AG

Jiangsu Saideli

Jiangsu Huada Centrifuge

Comi Condor

Rousselet Robatel

Western States Machine

Matsumoto Machine

Tsukishima Kikai

Sinomach General Machinery Technology

Jiangsu Hanpu

Ace Industries

Zhangjiagang Tongjiang

Jiangsu Tusheng

Kansai Centrifugal Separator

VG Engineers

Apollo Machinery

Jiangsu Mudan

D. Parikh Engineering

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Bottom Discharge Centrifuge product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Bottom Discharge Centrifuge, with price, sales quantity, revenue, and global market share of Bottom Discharge Centrifuge from 2021 to 2026.

Chapter 3, the Bottom Discharge Centrifuge competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Bottom Discharge Centrifuge breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with

sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Bottom Discharge Centrifuge market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Bottom Discharge Centrifuge.

Chapter 14 and 15, to describe Bottom Discharge Centrifuge sales channel, distributors, customers, research findings and conclusion.

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