

Global Rotary Drum Screening Machine Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G2192F8EBFE9EN.html>

Date: August 2026

Pages: 112

Price: US\$ 3,480.00 (Single User License)

ID: G2192F8EBFE9EN

Abstracts

According to our (Global Info Research) latest study, the global Rotary Drum Screening Machine market size was valued at US\$ 1852 million in 2025 and is forecast to a readjusted size of US\$ 2911 million by 2032 with a CAGR of 6.4% during review period.

Rotary Drum Screening Machine refers to a continuous solid-liquid separation device in which wastewater or process liquid passes through a rotating cylindrical screening surface, while retained solids are lifted, conveyed, washed, or discharged through drum rotation and an automatic cleaning system. This market mainly includes internally fed rotary drum screens, externally fed rotary drum screens, channel-mounted drum screens, and tank-mounted drum screens using wedge-wire, perforated-plate, or mesh screening surfaces. Internally fed units introduce liquid into the drum, while externally fed units distribute liquid over the outside screening surface.

Static screens, conventional bar or rake screens, screw screens, traveling band screens, disc screens, rotary drum sludge thickeners, rotary vacuum drum filters, replacement screen media, complete wastewater treatment plants, and mining, composting, or municipal-solid-waste trommel screens are excluded.

The 2025 benchmark ASP is US\$75,000 per unit, global sales volume is approximately 24.000k units, and the estimated average gross margin is approximately 33%. The upstream industry chain includes stainless steel sheet and tubing, wedge-wire screens, perforated plates, filter mesh, motors, gear reducers, bearings, seals, spray nozzles, cleaning brushes, pumps, sensors, and electrical components. The midstream includes hydraulic and mechanical design, drum fabrication, frame and housing manufacturing, welding, screen-media installation, drive-system assembly, cleaning-system integration,

control-system configuration, testing, and commissioning. The downstream mainly covers municipal water and wastewater, food and beverage processing, pulp and paper, chemical and petrochemical, textile and leather, aquaculture, and other liquid/solid separation industries.

Market demand is supported by stricter wastewater pretreatment requirements, expansion of industrial water recycling, increased use of membrane bioreactors, and growing demand for continuous removal and recovery of suspended solids. Rotary drum screening machines provide automatic and continuous operation, compact installation, self-cleaning capability, and stable solids separation. Depending on the configuration, the equipment can also integrate screenings conveying, washing, compaction, and dewatering, reducing the solids load on downstream pumps, biological treatment systems, and membrane units.

Future product development will focus on finer screening openings with improved anti-clogging performance, combined spray-and-brush cleaning, lower wash-water and energy consumption, variable-speed intelligent control, enclosed odor-control structures, corrosion-resistant materials, and integrated screenings handling. Modular equipment and application-specific screen media will also become more important in industrial wastewater projects.

Report Scope

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

Global Rotary Drum Screening Machine market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling

prices (K US\$/Unit), 2021-2032

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

Global Rotary Drum Screening Machine market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (K 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 Rotary Drum Screening Machine

- 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 Rotary Drum Screening Machine 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 HUBER SE, Parkson Corporation, Lakeside Equipment Corporation, Sulzer Ltd. (JWC Environmental), WAMGROUP S.p.A. (SAVECO Water), Toro Equipment S.L., Estruagua Water Technology, S.L., SEFT S.r.l., Esmil Group, Vortex Engineering LTD, etc.

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

Market Segmentation

Rotary Drum Screening Machine 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

Internally Fed Type

Externally Fed Type

Market segment by Screen Opening

Coarse-Aperture Type (>6 mm)

Fine-Screen Type (1?6 mm)

Micro-Screen Type (

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