

# **Cast Removal Devices Market Size, Trends, Analysis, and Outlook By Saw Type (Electric Cast Saw, Pneumatic-powered Cast Saw), By Application (Plaster of Paris Cast Removal, Fiberglass Casting Tape Removal), By End-User (Hospitals, Orthopedic Clinics), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global Cast Removal Devices market size is poised to register 4.75% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Cast Removal Devices market across By Saw Type (Electric Cast Saw, Pneumatic-powered Cast Saw), By Application (Plaster of Paris Cast Removal, Fiberglass Casting Tape Removal), By End-User (Hospitals, Orthopedic Clinics).

The Cast Removal Devices Market is experiencing notable growth and technological innovation in 2024 and beyond, driven by advancements in orthopedic surgery, fracture management, and musculoskeletal care aimed at improving patient comfort, mobility, and rehabilitation outcomes following orthopedic cast application, immobilization therapy, or fracture fixation procedures that require safe, efficient, and non-invasive removal of orthopedic casts, fiberglass casts, or plaster casts using specialized cast saws, cast cutters, or cast removal devices designed to minimize soft tissue damage, skin irritation, and patient discomfort during cast removal procedures in orthopedic clinics, fracture clinics, and emergency departments worldwide. Cast removal devices are medical instruments used by orthopedic surgeons, orthopedic technicians, and healthcare professionals to safely and effectively remove orthopedic casts, splints, or braces from patients' limbs, extremities, or body parts without causing injury, abrasion,

or iatrogenic complications to underlying skin, subcutaneous tissues, or surgical incision sites, offering patients, caregivers, and healthcare providers reliable solutions for cast removal, wound inspection, and postoperative care in orthopedic surgery practice, traumatology practice, and rehabilitation medicine practice. Key trends include the development of next-generation cast removal tools, oscillating saw systems, and ultrasonic cast removal devices that enhance cutting precision, noise reduction, and patient comfort during cast removal procedures, as well as the integration of vacuum-assisted suction systems, blade guards, and blade temperature monitoring features into cast saw designs to reduce dust inhalation, soft tissue trauma, and thermal injury risks associated with traditional cast cutting methods in orthopedic cast removal practice. Additionally, there is a growing emphasis on patient education, caregiver training, and procedural guidelines that promote safe cast removal techniques, proper cast care instructions, and early mobilization strategies for patients recovering from orthopedic injuries, fractures, or musculoskeletal conditions, as well as a growing focus on quality assurance, infection control, and patient satisfaction measures that ensure optimal outcomes, treatment compliance, and healthcare quality improvement in orthopedic care delivery, fracture management, and trauma surgery practice worldwide.

### Cast Removal Devices Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Cast Removal Devices market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Cast Removal Devices survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Cast Removal Devices industry.

### Key market trends defining the global Cast Removal Devices demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### Cast Removal Devices Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Cast Removal Devices industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Cast Removal Devices companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Cast Removal Devices industry

Leading Cast Removal Devices companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Cast Removal Devices companies.

Cast Removal Devices Market Study- Strategic Analysis Review

The Cast Removal Devices market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Cast Removal Devices Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Cast Removal Devices industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

### Cast Removal Devices Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

### North America Cast Removal Devices Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Cast Removal Devices market segments. Similarly, Strong end-user demand is encouraging Canadian Cast Removal Devices companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Cast Removal Devices market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

### Europe Cast Removal Devices Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Cast Removal Devices industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Cast Removal Devices market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Cast Removal Devices Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Cast Removal Devices in Asia Pacific. In particular, China, India, and South East Asian Cast Removal Devices markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Cast Removal Devices Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Cast Removal Devices Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Cast Removal Devices market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Cast Removal Devices.

Cast Removal Devices Market Company Profiles

The global Cast Removal Devices market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are De Soutter Medical Ltd, Essity AB, Hanshin Medical Co. Ltd, HEBUmedical GmbH, McArthur Medical Sales

Inc, Medezine Ltd, Oscimed SA, Prime Medical Inc, Shanghai Bojin Medical Instrument Co. Ltd, Smith & Nephew Plc, Stryker Corp, Treu-Instrumente GmbH

## Recent Cast Removal Devices Market Developments

The global Cast Removal Devices market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

## Cast Removal Devices Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

## Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

## Market Segmentation:

By Saw Type

*Cast Removal Devices Market Size, Trends, Analysis, and Outlook By Saw Type (Electric Cast Saw, Pneumatic-powe...*

Electric Cast Saw

Pneumatic-powered Cast Saw

By Application

Plaster of Paris Cast Removal

Fiberglass Casting Tape Removal

By End-user

Hospitals

Orthopedic Clinics

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

De Soutter Medical Ltd

Essity AB

Hanshin Medical Co. Ltd

HEBUmedical GmbH

McArthur Medical Sales Inc

Medezine Ltd

Oscimed SA

Prime Medical Inc

Shanghai Bojin Medical Instrument Co. Ltd

Smith & Nephew Plc

Stryker Corp

Treu-Instrumente GmbH

Formats Available: Excel, PDF, and PPT



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By Application

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Fiberglass Casting Tape Removal

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Essity AB

Hanshin Medical Co. Ltd

HEBUmedical GmbH

McArthur Medical Sales Inc

Medezine Ltd

Oscimed SA

Prime Medical Inc

Shanghai Bojin Medical Instrument Co. Ltd

Smith & Nephew Plc

Stryker Corp

Treu-Instrumente GmbH

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