

Surgical Staplers Market Forecasts to 2030 – Global Analysis By Product (Manual Surgical Staplers and Powered Surgical Staplers), Stapler Type, Mechanism, Application, End User and By Geography

<https://marketpublishers.com/r/S54044A9DAC3EN.html>

Date: February 2025

Pages: 150

Price: US\$ 4,150.00 (Single User License)

ID: S54044A9DAC3EN

Abstracts

According to Statistics MRC, the Global Surgical Staplers Market is accounted for \$5.72 billion in 2024 and is expected to reach \$8.76 billion by 2030 growing at a CAGR of 9.2% during the forecast period. Surgical staplers are medical devices used to close wounds, incisions, or surgical anastomoses by applying metal or absorbable staples. They provide a faster, more consistent alternative to traditional suturing, minimizing tissue trauma and reducing operative time. These devices help seal internal and external tissues with precision. Staplers come in manual and powered variants, with linear, circular, and endoscopic designs for various procedures, including gastrointestinal, thoracic, and gynaecological surgeries.

According to a 2023 article by the National Library of Medicine, the number of cardiac procedures performed in India are estimated to be around 300,000 per year.

Market Dynamics:

Driver:

Surge in laparoscopic and robotic surgeries

The surge in laparoscopic and robotic surgeries significantly increases the demand for advanced surgical tools. These minimally invasive procedures require precise, efficient, and reliable stapling devices to close incisions, secure tissue, and perform anastomoses. Robotic-assisted surgeries, in particular, offer enhanced accuracy and

precision, boosting the adoption of specialized staplers. This trend accelerates innovation in stapler designs, ensuring their compatibility with modern surgical techniques, which further propels market expansion.

Restraint:

Risk of complications

The risk of complications with surgical staplers, such as misfiring, inadequate tissue sealing, leakage, or damage to surrounding tissues, can lead to severe patient outcomes, including infections, bleeding, or longer recovery times. These complications result from improper device use, malfunction, or poor staple placement. Such risks deter healthcare providers from adopting surgical staplers, limiting their usage. As patient safety concerns rise and regulatory bodies impose stricter guidelines, the market faces slower adoption and growth.

Opportunity:

Expanding healthcare infrastructure

As hospitals and clinics upgrade to modern, efficient equipment, the demand for advanced surgical staplers rises. These devices offer faster, more reliable wound closure, reducing surgical time and improving patient outcomes. Growing investments in healthcare, especially in emerging economies, also lead to greater access to high-quality surgical tools. Additionally, as minimally invasive and robotic-assisted surgeries gain popularity, the need for specialized staplers increases, further propelling market growth and enhancing the adoption of cutting-edge surgical technologies.

Threat:

Expensive devices and consumables

Surgical staplers are expensive due to advanced manufacturing processes, high-quality materials like titanium or polylactide, and precision engineering. Additionally, the need for specialized components such as cartridges and staples add to the cost. These devices often require frequent replacement, making them costly for hospitals and healthcare providers. Therefore, the financial burden of both the devices and consumables hampers market growth, as it may lead to budgetary constraints, delaying or limiting adoption in certain regions or healthcare environments.

Covid-19 Impact:

The covid-19 pandemic significantly impacted the surgical staplers market due to postponed elective surgeries, reduced hospital admissions, and supply chain disruptions. Many non-essential procedures, including bariatric and cosmetic surgeries, were delayed, lowering demand. However, emergency and critical surgeries continued, sustaining market activity. Additionally, increased focus on infection control and minimally invasive procedures accelerated the adoption of advanced staplers, driving market growth.

The reusable surgical staplers segment is expected to be the largest during the forecast period

The reusable surgical staplers segment is expected to account for the largest market share during the forecast period. Reusable surgical staplers are medical devices designed for multiple uses after proper sterilization. Made from durable materials like stainless steel, they offer a cost-effective and environmentally friendly alternative to disposable staplers. These staplers provide precise wound closure while reducing medical waste.

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

Over the forecast period, the general surgery segment is predicted to witness the highest growth rate. In general surgery, surgical staplers are widely used for wound closure, anastomosis, and tissue resection. They enhance precision, reduce operative time, and minimize tissue trauma compared to sutures. They provide secure closures with titanium or absorbable staples, improving healing.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share due to increasing surgical procedures, rising healthcare investments, and expanding medical infrastructure. The region's aging population and higher prevalence of chronic diseases, such as cancer and obesity, drive demand for staplers in surgeries. Countries like China, India, and Japan are key markets, benefiting from technological advancements and the adoption of minimally invasive procedures. Overall, improving healthcare access and innovation fuel market expansion.

Region with highest CAGR:

Over the forecast period, the North America region is anticipated to exhibit the highest CAGR driven by the advanced healthcare infrastructure, high surgical volumes, and strong adoption of minimally invasive procedures. The U.S. leads the market, driven by rising chronic disease cases, obesity-related surgeries, and technological advancements in stapling devices. The presence of major manufacturers, stringent FDA regulations, and increasing demand for powered and absorbable staplers further boost growth. Overall, innovation, an aging population, and robotic-assisted surgeries continue to drive market expansion in the region.

Key players in the market

Some of the key players in Surgical Staplers market include Medtronic, Johnson & Johnson (Ethicon), 3M Company, B. Braun Melsungen AG, Conmed Corporation, Intuitive Surgical, Inc., Smith & Nephew plc, Boston Scientific Corporation, Zimmer Biomet Holdings, Inc., Meril Life Sciences Pvt. Ltd., OSSIO Inc., Frankenman International Limited, Welfare Medical Ltd., Reach Surgical, Inc., Grena Ltd., Miconvey Innovation, Panther Healthcare and Surgnova Healthcare Technologies.

Key Developments:

In May 2024, Ethicon, a Johnson & Johnson MedTech company, launched the ECHELON LINEAR™ Cutter. It is the first linear cutter to market with combined innovative and proprietary technologies – 3D-Stapling Technology and Gripping Surface Technology (GST) – two advanced capabilities proven to enable greater staple line security, which can help surgeons reduce risks and support patient outcomes.

In February 2023, OSSIO Inc., announced the introduction of the new OSSIOfiber® Compression Staple, the next step towards becoming the gold standard in orthopedic fixation. OSSIO's fifth product family, OSSIOfiber® Compression Staples, allow surgeons to evolve to stronger, bio-integrative compression.

Products Covered:

Manual Surgical Staplers

Powered Surgical Staplers

Stapler Types Covered:

Linear Staplers

Circular Staplers

Skin Staplers

Endoscopic/Thoracoscopic Staplers

Specialty Staplers

Other Stapler Types

Mechanisms Covered:

Reusable Surgical Staplers

Disposable Surgical Staplers

Applications Covered:

General Surgery

Gynaecological Surgery

Colorectal Surgery

Bariatric Surgery

Thoracic Surgery

Cardiac Surgery

Orthopaedic Surgery

Other Applications

End Users Covered:

Hospitals

Ambulatory Surgical Centers (ASCs)

Specialty Clinics

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 Application Analysis
- 3.8 End User Analysis
- 3.9 Emerging Markets
- 3.10 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 SURGICAL STAPLERS MARKET, BY PRODUCT

- 5.1 Introduction
- 5.2 Manual Surgical Staplers
- 5.3 Powered Surgical Staplers

6 GLOBAL SURGICAL STAPLERS MARKET, BY STAPLER TYPE

- 6.1 Introduction
- 6.2 Linear Staplers
- 6.3 Circular Staplers
- 6.4 Skin Staplers
- 6.5 Endoscopic/Thoracoscopic Staplers
- 6.6 Specialty Staplers
- 6.7 Other Stapler Types

7 GLOBAL SURGICAL STAPLERS MARKET, BY MECHANISM

- 7.1 Introduction
- 7.2 Reusable Surgical Staplers
- 7.3 Disposable Surgical Staplers

8 GLOBAL SURGICAL STAPLERS MARKET, BY APPLICATION

- 8.1 Introduction
- 8.2 General Surgery
- 8.3 Gynaecological Surgery
- 8.4 Colorectal Surgery
- 8.5 Bariatric Surgery
- 8.6 Thoracic Surgery
- 8.7 Cardiac Surgery
- 8.8 Orthopaedic Surgery
- 8.9 Other Applications

9 GLOBAL SURGICAL STAPLERS MARKET, BY END USER

- 9.1 Introduction
- 9.2 Hospitals

- 9.3 Ambulatory Surgical Centers (ASCs)
- 9.4 Specialty Clinics
- 9.5 Other End Users

10 GLOBAL SURGICAL STAPLERS 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
 - 10.3.10 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
 - 10.4.10 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
- 10.1 Middle East & Africa
 - 10.10.1 Saudi Arabia
 - 10.10.2 UAE
 - 10.10.3 Qatar
 - 10.10.4 South Africa
 - 10.10.5 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 Medtronic
- 12.2 Johnson & Johnson (Ethicon)
- 12.3 3M Company
- 12.4 B. Braun Melsungen AG
- 12.5 Conmed Corporation
- 12.6 Intuitive Surgical, Inc.
- 12.7 Smith & Nephew plc
- 12.8 Boston Scientific Corporation
- 12.9 Zimmer Biomet Holdings, Inc.
- 12.10 Meril Life Sciences Pvt. Ltd.
- 12.11 OSSIO Inc.
- 12.12 Frankenman International Limited
- 12.13 Welfare Medical Ltd.
- 12.14 Reach Surgical, Inc.
- 12.15 Grena Ltd.
- 12.16 Miconvey Innovation
- 12.17 Panther Healthcare
- 12.18 Surgnova Healthcare Technologies

List Of Tables

LIST OF TABLES

- 1 Global Surgical Staplers Market Outlook, By Region (2022-2030) (\$MN)
- 2 Global Surgical Staplers Market Outlook, By Product (2022-2030) (\$MN)
- 3 Global Surgical Staplers Market Outlook, By Manual Surgical Staplers (2022-2030) (\$MN)
- 4 Global Surgical Staplers Market Outlook, By Powered Surgical Staplers (2022-2030) (\$MN)
- 5 Global Surgical Staplers Market Outlook, By Stapler Type (2022-2030) (\$MN)
- 6 Global Surgical Staplers Market Outlook, By Linear Staplers (2022-2030) (\$MN)
- 7 Global Surgical Staplers Market Outlook, By Circular Staplers (2022-2030) (\$MN)
- 8 Global Surgical Staplers Market Outlook, By Skin Staplers (2022-2030) (\$MN)
- 9 Global Surgical Staplers Market Outlook, By Endoscopic/Thoracoscopic Staplers (2022-2030) (\$MN)
- 10 Global Surgical Staplers Market Outlook, By Specialty Staplers (2022-2030) (\$MN)
- 11 Global Surgical Staplers Market Outlook, By Other Stapler Types (2022-2030) (\$MN)
- 12 Global Surgical Staplers Market Outlook, By Mechanism (2022-2030) (\$MN)
- 13 Global Surgical Staplers Market Outlook, By Reusable Surgical Staplers (2022-2030) (\$MN)
- 14 Global Surgical Staplers Market Outlook, By Disposable Surgical Staplers (2022-2030) (\$MN)
- 15 Global Surgical Staplers Market Outlook, By Application (2022-2030) (\$MN)
- 16 Global Surgical Staplers Market Outlook, By General Surgery (2022-2030) (\$MN)
- 17 Global Surgical Staplers Market Outlook, By Gynaecological Surgery (2022-2030) (\$MN)
- 18 Global Surgical Staplers Market Outlook, By Colorectal Surgery (2022-2030) (\$MN)
- 19 Global Surgical Staplers Market Outlook, By Bariatric Surgery (2022-2030) (\$MN)
- 20 Global Surgical Staplers Market Outlook, By Thoracic Surgery (2022-2030) (\$MN)
- 21 Global Surgical Staplers Market Outlook, By Cardiac Surgery (2022-2030) (\$MN)
- 22 Global Surgical Staplers Market Outlook, By Orthopaedic Surgery (2022-2030) (\$MN)
- 23 Global Surgical Staplers Market Outlook, By Other Applications (2022-2030) (\$MN)
- 24 Global Surgical Staplers Market Outlook, By End User (2022-2030) (\$MN)
- 25 Global Surgical Staplers Market Outlook, By Hospitals (2022-2030) (\$MN)
- 26 Global Surgical Staplers Market Outlook, By Ambulatory Surgical Centers (ASCs) (2022-2030) (\$MN)
- 27 Global Surgical Staplers Market Outlook, By Specialty Clinics (2022-2030) (\$MN)

28 Global Surgical Staplers Market Outlook, By Other End Users (2022-2030) (\$MN)

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

I would like to order

Product name: Surgical Staplers Market Forecasts to 2030 – Global Analysis By Product (Manual Surgical Staplers and Powered Surgical Staplers), Stapler Type, Mechanism, Application, End User and By Geography

Product link: <https://marketpublishers.com/r/S54044A9DAC3EN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S54044A9DAC3EN.html>