

# Aerospace Riveting Equipment Market Professional Survey and In-Depth Analysis Research Report Foresight to 2033

*The notable growth in the aerospace riveting equipment market can be attributed to advancements in aerospace manufacturing technologies*

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/EINPresswire.com/ -- The [aerospace riveting equipment market](#) is expected to grow from an estimated USD 115.5 million in 2024 to USD 179.2 million in

2033, at a CAGR of 5.00%. The global aerospace riveting equipment market is experiencing notable growth due to advancements in manufacturing technologies and the rising demand for efficient, high-performance solutions. Riveting plays a crucial role in ensuring the durability, safety, and structural integrity of essential aircraft components like fuselages, wings, and engine parts.



## Key Market Drivers:

A significant driver for this market is the growth in aircraft production, spurred by the increasing demand for air travel and expanding airline fleets. With manufacturers like Boeing and Airbus producing next-generation aircraft models such as the Boeing 787 Dreamliner and Airbus A350, the need for advanced riveting solutions has surged. Additionally, technological advances such as the integration of automated riveting systems are boosting productivity, reducing labor costs, and improving precision in the manufacturing process.

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These automated systems, which are being adopted by major aerospace companies, allow for higher accuracy with less human intervention, leading to greater operational efficiency and cost savings. Moreover, the demand for sustainable and energy-efficient riveting equipment is driving the development of next-generation tools that use less energy and material, contributing to

lower operational costs.

As aircraft designs become more complex and lightweight materials like composites and aluminum alloys are increasingly used, there is growing demand for specialized riveting tools that can handle these new materials. This trend is expected to continue fueling market growth over the next few years.

#### Market Challenges:

Despite the positive growth outlook, the aerospace riveting equipment market faces challenges such as supply chain disruptions and high initial investment costs. The global nature of the aerospace supply chain makes it vulnerable to delays, especially during geopolitical instability or global crises like the COVID-19 pandemic. These disruptions could lead to longer lead times and impact aircraft production schedules.

Additionally, while automation offers long-term savings, the high initial investment and maintenance costs for advanced riveting systems can be a significant barrier for smaller manufacturers or maintenance, repair, and overhaul (MRO) service providers. The requirement for skilled personnel to operate and maintain automated systems adds to operational costs, which may deter some companies from investing in these advanced technologies.

#### Segment Insights:

Among the different types of riveting tools, pneumatic riveting equipment is currently the market leader due to its cost-effectiveness, performance, and ease of use. These tools are widely utilized in both aircraft manufacturing and MRO applications due to their lightweight nature and power-to-weight ratio, making them ideal for confined spaces and large-scale production lines. Major companies like Stanley Engineered Fastening and Atlas Copco are focusing on enhancing the energy efficiency and ease of use of pneumatic riveting tools to meet the growing demand for light, high-strength components in the aerospace industry.

The fastest-growing segment in the aerospace riveting equipment market is automated riveting technology. This segment benefits from advantages such as higher precision, reduced labor costs, and improved production efficiency—all critical for modern aerospace manufacturing. The adoption of automated riveting systems integrated with robotic and CNC technologies is particularly beneficial for large-scale commercial aircraft production, where volume manufacturing and quality consistency are key priorities.

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Aerospace Riveting Equipment Top Companies and Competitive Landscape

The market for aerospace riveting equipment is quite competitive, with a large number of key players competing with each other to innovate and make their offerings better. Some of the top players in the market include Stanley Engineered Fastening, Atlas Copco, Huck, JET Press, and Ingersoll Rand, who are driving their business with product innovation, strategic partnerships, and geographical expansion.

For example, Stanley Engineered Fastening introduced advanced pneumatic and hydraulic riveting tools with better accuracy and longer tool life, which are being increasingly adopted in the manufacture of aerospace parts. Another area that is gaining more focus than ever before is automation.

Companies like Atlas Copco and Ingersoll Rand are heavily investing in robotic riveting systems. Companies are also now working with aerospace OEMs and MRO service providers to come up with riveting solutions that meet the very specific needs of aircraft manufacturers.

Some of the key companies in the global Aerospace Riveting Equipment market include:

Stanley Engineered Fastening

Atlas Copco

Huck

JET Press

Ingersoll Rand

SKF Group

BTS Machines

Wright Brothers

TSUBOSAN

KUKA Robotics

Aerospace Riveting Equipment Latest Industry Updates

In October 2023, Boeing announced an upgrade to its automated riveting systems at its manufacturing plant in Washington, improving production speed and accuracy for the 737 aircraft.

In March 2024, Atlas Copco launched a new pneumatic riveting tool designed specifically for lightweight composite materials, aimed at meeting the growing demands of modern aircraft production.

In February 2024, JET Press signed a strategic partnership with Airbus to provide advanced hydraulic riveting tools for the assembly of the A350 XWB aircraft.

## Aerospace Riveting Equipment Market Segmentation Analysis

### Rivet Type Outlook (Revenue, USD Million; 2024-2033)

Solid

Blind

Semi-tubular

### End Use Outlook (Revenue, USD Million; 2024-2033)

OEM (Original Equipment Manufacturer)

MRO (Maintenance, Repair, and Overhaul)

### Equipment Type Outlook (Revenue, USD Million; 2024-2033)

Pneumatic

Hydraulic

Electric

### Mobility Outlook (Revenue, USD Million; 2024-2033)

Fixed

Portable

### Technology Outlook (Revenue, USD Million; 2024-2033)

Automated

Manual

## Regional Outlook (Revenue, USD Million; 2024-2033)

North America

United States

Canada

Mexico

Europe

Germany

France

United Kingdom

Italy

Spain

Benelux

Rest of Europe

Asia-Pacific

China

India

Japan

South Korea

Rest of Asia-Pacific

Latin America

Brazil

Rest of Latin America

Middle East and Africa

Saudi Arabia

UAE

South Africa

Turkey

Rest of MEA

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