

Global Powder Actuated Tools Market 2023

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Abstracts

Powder-actuated tools, also known as explosive-actuated tools or cartridge tools, are handheld devices used in construction and industrial settings to drive fasteners into hard materials like concrete, steel, and masonry. These tools use the controlled explosion of a powder-actuated cartridge to propel a fastener, such as a nail or pin, into the material.

The global powder actuated tools market size is projected to grow by USD 105.1 million from 2023 to 2029, registering a CAGR of 2.68 percent, according to the latest market data. The steady growth of the construction industry globally has been a key driver for the powder-actuated tools market. Construction projects require reliable and efficient fastening solutions to ensure structural integrity and durability. Powder-actuated tools offer a convenient and effective method for securely fastening materials to hard surfaces such as concrete, steel, and masonry.

One of the primary applications of powder-actuated tools in construction is attaching metal track to concrete. Metal tracks are used to construct walls, ceilings, and partitions, and securely fastening them to concrete is essential for structural stability. Powder-actuated tools provide a quick and reliable solution for attaching metal tracks to concrete surfaces, reducing labor time and increasing productivity on construction sites.

In addition to metal track fastening, powder-actuated tools are also widely used for attaching wood framing to concrete or steel. This application is particularly relevant in the construction of buildings and structures where wooden elements need to be securely fixed to other materials. Powder-actuated tools enable precise and powerful fastening, ensuring that wood framing remains firmly in place.

The market for powder-actuated tools is also driven by the need for improved worker safety and reduced manual labor. These tools eliminate the need for traditional

hammering or drilling, reducing the risk of hand and arm injuries associated with traditional fastening methods. Moreover, powder-actuated tools allow for fast and precise fastening, reducing overall labor time and increasing productivity on construction sites.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global powder actuated tools market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

Market Segmentation

Type: automatic, manual, semi-automatic

End user: construction, manufacturing

Region: Asia-Pacific, Europe, North America, Middle East and Africa (MEA), South America

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the type, end user, and region. The global market for powder actuated tools can be segmented by type: automatic, manual, semi-automatic. In 2022, the automatic segment emerged as the largest revenue generator in the market. Automatic powder actuated tools are designed to provide a high level of convenience and efficiency to users. They are equipped with advanced mechanisms that automate the fastening process, eliminating the need for manual operations. Automatic powder actuated tools utilize advanced technology such as electronic firing systems and adjustable power settings. These tools typically feature a magazine or cartridge that holds multiple charges, allowing for continuous fastening without the need for reloading after each shot. The automated firing mechanism ensures consistent driving force and precise fastening, resulting in reliable and durable connections.

Powder actuated tools market is further segmented by end user: construction, manufacturing. Among these, the construction segment was accounted for the highest revenue generator in 2022. Based on region, the powder actuated tools market is segmented into: Asia-Pacific, Europe, North America, Middle East and Africa (MEA), South America. In 2022, North America accounted for the largest share of the market. This can be attributed to several factors, including significant construction activities, infrastructure development, and renovation projects in the region. The construction industry in North America has been growing steadily, and the demand for efficient

fastening solutions has increased accordingly.

However, the Asia-Pacific region is expected to witness substantial growth in the powder actuated tools market. This can be attributed to rapid urbanization, infrastructural development, and increasing construction activities in countries such as China, India, and Southeast Asian nations. The booming construction industry in this region presents significant opportunities for the adoption of powder actuated tools as efficient fastening solutions.

Major Companies and Competitive Landscape

The report has also analysed the competitive landscape of the global powder actuated tools market with some of the key players being Hilti Corporation, Hsin Ho Mfg. Co., Ltd., Illinois Tool Works Inc., PREGUN INDUSTRIAL CO., LTD., Simpson Strong-Tie Company Inc., Stanley Black & Decker, Inc., Superfix (Singapore) Pte Ltd, Walter Maschinenbau GmbH, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

Scope of the Report

To analyze and forecast the market size of the global powder actuated tools market.

To classify and forecast the global powder actuated tools market based on type, end user, region.

To identify drivers and challenges for the global powder actuated tools market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global powder actuated tools market.

To identify and analyze the profile of leading players operating in the global powder actuated tools market.

Why Choose This Report

Gain a reliable outlook of the global powder actuated tools market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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