

Tempered Glass Cutting Machine Market is registering a CAGR of 5.6% and is projected to reach \$6,061.51 million by 2031

market is poised for steady growth, driven by rising demand in the automotive, construction, and consumer electronics sectors

WILMINGTON, DE, UNITED STATES, March 5, 2025 /EINPresswire.com/ -- The global tempered [glass cutting machine market](https://www.alliedmarketresearch.com/request-sample/A31347) has witnessed significant growth in recent years. In 2021, the market was valued at \$3,492.6 million, and it is projected to reach \$6,061.51 million by 2031, registering a compound annual growth rate (CAGR) of 5.6% from 2022 to 2031. Tempered glass, also known as toughened glass, is four times stronger than standard annealed glass. It is produced by heating silica to approximately 600°C and rapidly cooling it. Machines used for processing tempered glass to achieve desired shapes and sizes are referred to as tempered glass cutting machines.

For more information, contact info@alliedmarketresearch.com at <https://www.alliedmarketresearch.com/request-sample/A31347>

Factors Driving Market Growth

Several factors contribute to the increasing demand for tempered glass cutting machines. The growth in disposable income, technological advancements, new product developments, and a surge in original equipment manufacturers (OEMs) and aftermarkets have significantly influenced the tempered glass industry. The automotive sector, in particular, has seen notable growth due to the rising demand for tempered glass in rear-view windows, side windows, sunroofs, and other applications. For example, according to a report by the National Promotion and Facilitation Agency of India, the Indian passenger vehicle industry was projected to grow by 22%-25% in 2022. This increasing automotive production is expected to drive the demand for tempered glass cutting machines.

Additionally, the construction sector has been growing rapidly in both developed and developing economies due to an increasing demand for commercial spaces such as offices, hotels, malls, and industrial corridors. Tempered glass is widely used in window panels and doors in modern infrastructure. The rise in infrastructure investments, particularly in countries like the U.S., China, Japan, Mexico, and India, has further boosted the growth of the tempered glass cutting machine market. For instance, a report published by the National Investment Promotion and Facilitation Agency highlighted that infrastructure activities accounted for 13% of total foreign direct

investment (FDI) inflows in 2021.

Challenges and Restraints

Despite the growth opportunities, certain challenges hinder the market expansion. One such challenge is the long-term use of tempered glass, which can have adverse effects. A drastic change in temperature can cause tempered glass to shatter unexpectedly. Additionally, silicon dioxide, a key component of tempered glass, can pose serious health risks if inhaled, leading to conditions such as silicosis, chronic obstructive pulmonary disease (COPD), or even lung cancer. These concerns may restrain the production of tempered glass, thereby limiting the demand for tempered glass cutting machines.

Furthermore, the COVID-19 pandemic significantly impacted industries such as construction, manufacturing, and aviation. Lockdowns and restrictions led to halted or reduced manufacturing activities, resulting in decreased production and demand for tempered glass cutting machines. However, as industries gradually resumed operations by the end of 2021, the tempered glass cutting machine market began to recover.

Opportunities in the Market

Despite these challenges, the market presents numerous growth opportunities. Rapid digitalization and increasing penetration of smart consumer electronics, such as laptops, smartphones, and tablets, have fueled the demand for tempered glass screen protectors. According to an article published by the Economic Times, the smartphone industry recorded an 11% year-on-year growth, with shipments rising from 150 billion in 2020 to 168 billion in 2021. This surge in smartphone production is expected to drive the demand for tempered glass, subsequently increasing the need for tempered glass cutting machines.

For more information, contact <https://www.alliedmarketresearch.com/purchase-enquiry/A31347>

Market Segmentation

The tempered glass cutting machine market is segmented based on automation grade, cut type, machine power, and region.

By Automation Grade:

Semi-automatic

Automatic (Dominated the market in 2021 and is expected to witness the highest CAGR during the forecast period)

By Cut Type:

Single piece (Expected to exhibit the highest CAGR in the near future)

Multiple piece (Led the market in 2021)

By Machine Power:

Below 100W (Anticipated to register the highest CAGR during the forecast period)

100W & above (Led the market in 2021 in terms of revenue)

By Region:

North America (U.S., Canada, Mexico)

Europe (Germany, UK, France, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Rest of Asia-Pacific)

LAMEA (Latin America, Middle East, Africa)

Asia-Pacific garnered the highest revenue in 2021, driven by rapid industrialization and construction activities. However, LAMEA is expected to register the highest CAGR during the forecast period due to increasing infrastructure investments and growing automotive production in the region.

For more information, contact <https://www.alliedmarketresearch.com/request-for-customization/A31347>

Competitive Landscape

Several key players dominate the tempered glass cutting machine market. These companies focus on product innovation, business expansion, and strategic collaborations to strengthen their market presence. Some of the major players include:

Anhui Glass Machinery Technology Co., Ltd.

Anhui Jingling Glass Co., Ltd.

Anhui Yinrui Glass Machinery Co., Ltd.

Beijing Pujinli Technology Co., Ltd.

Bengbu Ruifeng Glass Machinery Co., Ltd.

Biesse Group

Bottero

CMS Glass Machinery

Intermac

Jinan Sintech CNC Equipment Co., Ltd.

LiSEC

Luoyang North Glass Technology Co., Ltd.

Shenyang All-Powerful Science & Technology Stock Co. LTD

Solaronix SA

Stron

Tuomas

Vetromac SRL

Key Benefits for Stakeholders

The report provides a quantitative analysis of market segments, trends, estimations, and dynamics from 2021 to 2031 to identify potential opportunities.

Key drivers, restraints, and opportunities influencing market growth are detailed.

Porter's Five Forces analysis highlights the influence of buyers and suppliers, helping stakeholders make strategic decisions.

An in-depth market forecast analysis assists in understanding future trends.

Revenue contributions from major countries within each region are mapped.

Market player positioning offers insights into competitive standings and strategic benchmarks.

Market Report Highlights

Market Size by 2031: USD 6.1 billion

Growth Rate: CAGR of 5.6%

Forecast Period: 2021 - 2031

Report Pages: 240

Segmentation Overview

By Machine Power: Below 100W, 100W & above

By Automation: Semi-automatic, Automatic

By Cut Type: Single piece, Multiple piece

By Region: North America, Europe, Asia-Pacific, LAMEA

Key Market Players

Intermac

Tuomas

Beijing Pujinli Technology Co., Ltd.

CMS Glass Machinery

Anhui Yinrui Glass Machinery Co., Ltd.

Shenyang All-Powerful Science & Technology Stock Co. LTD

Bottero

Jinan Sintech CNC Equipment Co., Ltd.

Anhui Jingling Glass Co., Ltd.

Solaronix

Bengbu Ruifeng Glass Machinery Co., Ltd.

Luoyang North Glass Technology Co., Ltd.

Stron

Biesse Group

Anhui Glass Machinery Technology Co., Ltd.

LiSEC

David Correa

Allied Market Research

+ +15038946022

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

[YouTube](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/791367318>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.