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Global Laser Engraving Machine Market Size Study & Forecast, By Type (Fibre Laser Engraving Machine, CO? Laser Engraving Machine, Diode Laser Engraving Machine, Nd:YAG Laser Engraving Machine) By Industry (Automotive, Aerospace, Packaging, Medical, Industrial & Machine tools, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Laser Engraving Machine Market is valued at approximately USD xx billion in 2022 and is anticipated to grow with a healthy growth rate of more than xx% over the forecast period 2023-2030. A Laser Engraving Machine is a device that utilizes a laser beam to etch, mark, or engrave various materials such as wood, metal, plastic, glass, stone, and more. The process involves directing the focused laser beam onto the surface of the material, which causes controlled burning, vaporization, or melting, thereby creating a precise and permanent mark or design. The Laser Engraving Machine market is expanding because of factors such as the rising number of construction activities and the rapid rate of industrialization. Laser engraving machines are widely used in industries such as manufacturing, jewelry making, signage, personalization, and crafts due to their high precision, speed, and versatility. As a result, the demand for Laser Engraving machine has progressively increased in the global market during the forecast period 2023-2030.

Construction projects often require customization of various materials such as wood, metal, glass, and plastic for signage, branding, or decorative purposes. Laser engraving machine offer precise and efficient methods for customizing these materials, allowing construction companies to meet the specific needs of their projects. According to Statista, in 2020, the global Construction Market was valued at USD 6.4 trillion and

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estimated to reach up to USD 14.4 trillion by the year 2030. Furthermore, laser engraving machine can be used to add intricate details and designs to architectural elements such as doors, windows, and decorative panels. As construction projects increasingly focus on unique designs and aesthetics, the demand for laser engraving machine to add these details grows. Another important factor that drives the Laser Engraving Machine market is the rapid rate of industrialization. Industrialization often drives technological advancements, including improvements in laser technology. As laser technology becomes more advanced and affordable, laser engraving machine become more accessible to a broader range of industries and businesses. In addition, as per Statista, in 2020 the global manufacturing industry accounted for USD 12.17 trillion and is projected to reach up to USD 17.67 trillion by the year 2028. Moreover, growing stringency in quality control guidelines and measures and rising innovations related to laser engraving machine are anticipated to create a lucrative growth opportunity for the market over the forecast period. However, the high initial cost of installation and low processing speed is expected to impede overall market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Laser Engraving Machine Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the stringent government regulations for marking surgical devices, and medical equipment in the region. Governments often mandate specific requirements for marking medical devices for traceability, safety, and quality assurance purposes. Laser engraving is a precise and permanent marking method that meets these requirements effectively. Manufacturers need reliable marking solutions to comply with regulations, thereby driving the demand for laser engraving machine. The region’s dominant performance is anticipated to propel the overall demand for Laser Engraving Machine. Furthermore, Asia Pacific is expected to grow fastest during the forecast period, owing to factors such as the increasing number of manufacturing facilities in the region. Laser engraving machines offer advantages in terms of speed, accuracy, and efficiency compared to traditional engraving methods. Since increasing focus on optimizing production processes and reducing operational costs, manufacturing facilities may choose to invest in laser engraving technology to improve throughput, minimize material waste, and streamline workflows.

Major market players included in this report are:

Universal Laser Systems Incorporated

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Gravotech Marking SAS

Coherent, Inc.

Trotec Laser GmbH

LaserStar Technologies Corporation

Eurolaser GmbH

Wisely Laser Machinery Limited

Sintec Optronics Private Limited

Kern Laser Systems GmbH

Vytek Laser Systems Inc.

Recent Developments in the Market:

In April 2023, Atezr introduced a new line of powerful second-generation laser engravers L2, which includes 10W, 20W, and 35W variants. These engravers' L2 have several technical advantages over their predecessors, with a significant speed increase and, a maximum engraving speed of 54000 mm/min more than three times faster than the previous generation resulting in 40-60% shorter project completion times. Each model includes a resume function, which detects when the system loses power and allows it to begin where it left off when turned on again. These and other amazing characteristics make Atezr's second-generation laser engravers the best option for customers looking to increase productivity and efficiency.

Global Laser Engraving Machine Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, Industry, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters to detailed information about the crucial aspects such as driving factors & challenges that will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type

Fibre Laser Engraving Machine

CO? Laser Engraving Machine

Diode Laser Engraving Machine

Nd:YAG Laser Engraving Machine

By Industry

Automotive

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Aerospace

Packaging

Medical

Industrial & Machine tools

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

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Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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