

# Global Laser Marking Machine Market: Size, Trends & Forecasts (2017-2021)

December 2017



# Global Laser Marking Machine Market : Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Dynamics

Competitive Landscape

Company Profiling

# Global Laser Marking Machine Market : Coverage

## Scope of the Report

Attributes	Details
Title	Global Laser Marking Machine Market: Size, Trends & Forecasts (2017-2021)
Coverage	Global
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2017-2021
Competition in the Market	Fragmented
Key Players	Coherent Inc. (Rofin Sinar), Gravotech Marking, Epilog Laser and 600 Group PLC (TYKMA Electrox)

# Global Laser Marking Machine Market

## Executive Summary

Laser emits a focused light of a specific wavelength with the help of amplification based on stimulated emission of electromagnetic radiation procedure. The word "LASER" stands for "Light Amplification by Stimulated Emission of Radiation". Laser is divided into three broad categories on the basis of usage: Marking, Micro-processing and Macro-processing.

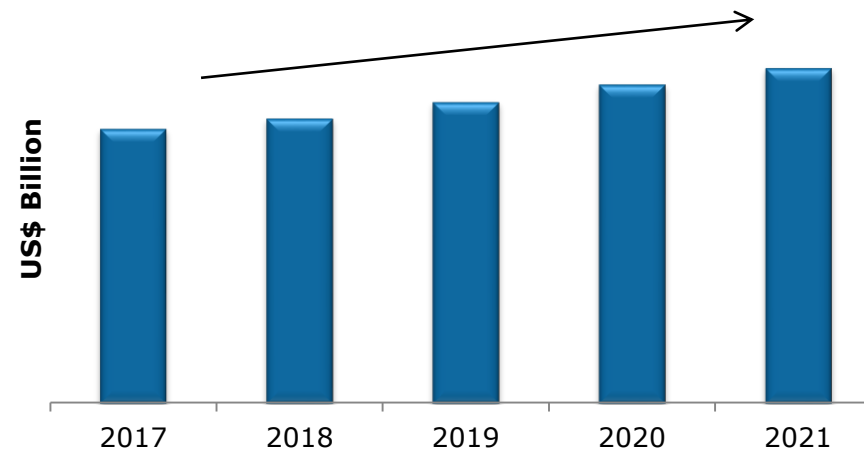
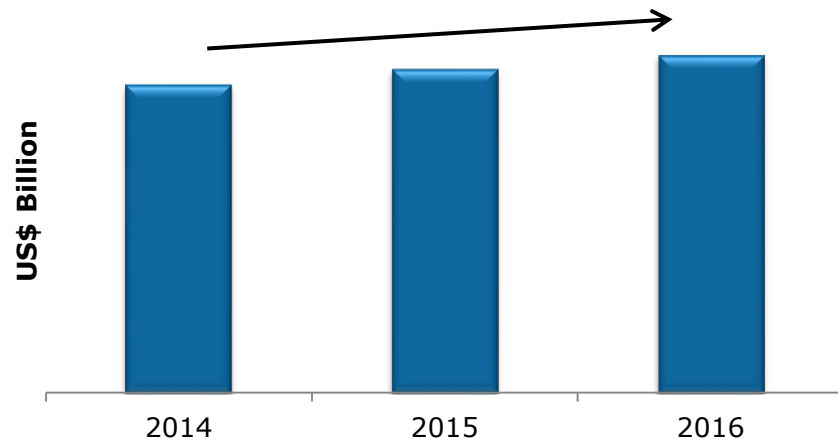
Laser marking is a laser technology where the laser beam is used for marking/engraving a workpiece or other product. Laser marking machines are generally of three genres. Main components of these machines are laser, controller, and a surface. Laser marking technique is normally applied on natural materials (like wood, walnut, etc.), plastics, metals, coated metals and stone/glasses.

On the basis of product type, laser marking machines are categorized as fiber laser, CO2 laser, green laser, UV laser and YAG laser. Fiber laser is the most popular laser type in many industries such as automotive, aerospace, medical, machine tools, electronics, packaging and military. There are different types of laser marking processes available in the market such as carbonizing, foaming, removing, engraving, staining and annealing marking. Laser marking comprises of many perks like permanency, anti-counterfeiting, non-contacting, low operational cost, high processing efficiency, etc.

The global laser marking machine market is expected to increase at high growth rates during the forecasted period (2017-2021). The global laser marking machine is supported by various growth drivers, such as growth of machine tool industry, diversity and range of customer applications, industrial technological advancement, etc. Yet, the market faces certain challenges, such as, competition developments within the industry, criticality in the production process, etc. Few new market trends are also provided such as, changes in governmental policies at global level, merging manufacturing markets, etc.

# Laser Marking Machine Market : Global Analysis

## Global Laser Marking Machine Market by Value



CAGRs	
2017-2021	xx%

The global laser marking machine market value was US\$... billion in 2016, indicated an increase as compared to US\$... billion in 2015. The global laser marking machine market is anticipated to rise up to US\$... billion by 2021 as compared to US\$... billion in 2017, representing a CAGR of ....% over the years 2017 to 2021.

# Laser Marking Machine Market : Global Analysis

Global Laser Market by Segment; 2016



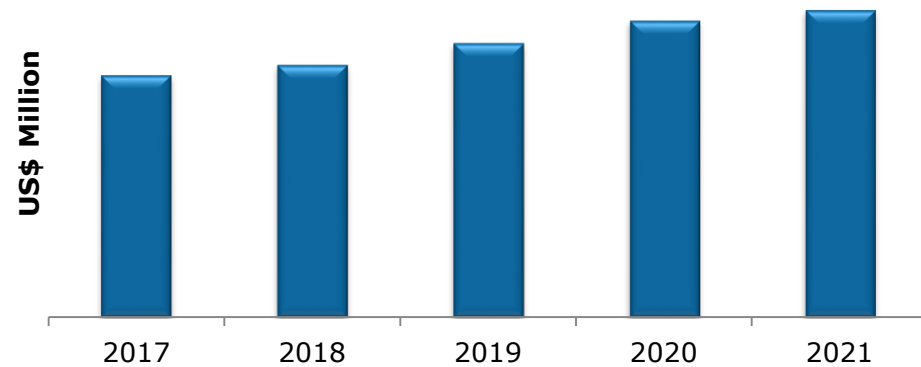
Global Laser Marking Machine Market by Product Type; 2016



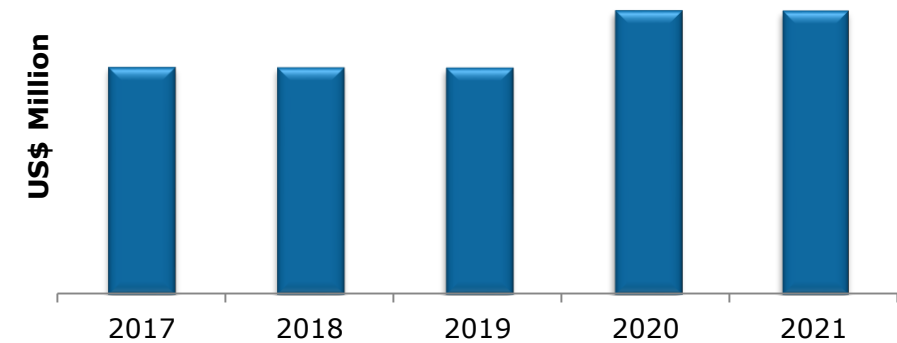
Product Type	Value Share	CAGRs
Fiber	xx%	xx%
CO2	xx%	xx%
Green	xx%	xx%
UV	xx%	xx%
YAG	xx%	xx%

# Laser Marking Machine Market : Segment Analysis

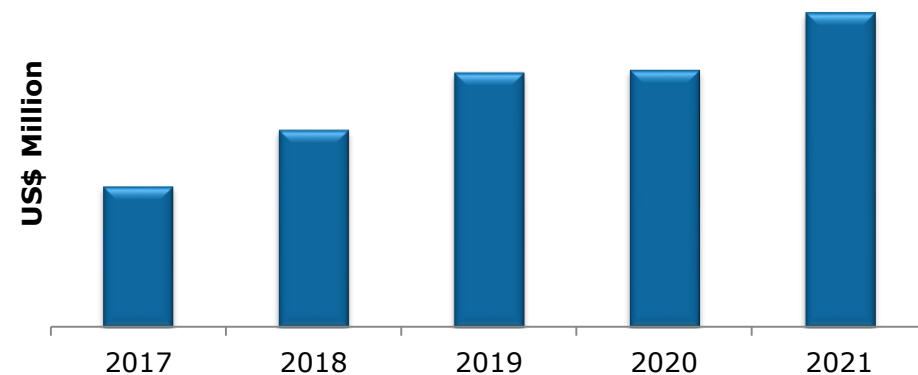
Global Fiber Laser Market by Value; 2017-2021



Global Green Laser Market by Value; 2017-2021



Global CO2 Laser Market by Value; 2017-2021



Segments	CAGR	
	2014-2016	2017-2021
Fiber Laser	xx%	xx%
CO2 Laser	xx%	xx%
Green Laser	xx%	xx%

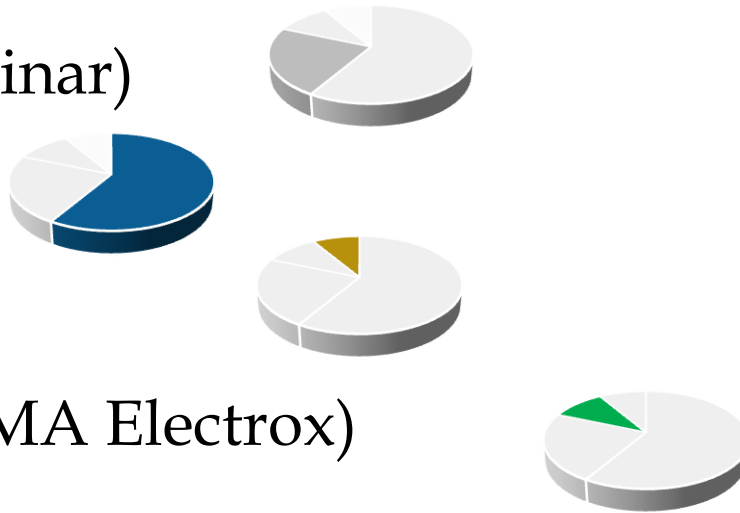
# Laser Marking Machine Market: Dynamics



# Laser Marking Machine Market: Competitive Landscape

## Players Profiled

- Coherent Inc. (Rofin Sinar)
- Gravotech Marking
- Epilog Laser
- 600 Group PLC (TYKMA Electrox)



Note: The graphs on this slide are only for sample representation.