

Industrial Lasers Systems Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/I2202B115714EN.html>

Date: June 2023

Pages: 139

Price: US\$ 2,499.00 (Single User License)

ID: I2202B115714EN

Abstracts

The global industrial lasers systems market size reached US\$ 19.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 32.3 Billion by 2028, exhibiting a growth rate (CAGR) of 8% during 2023-2028.

Industrial lasers are a single wavelength source of high-energy light. They are mechanical tools that utilize atoms, molecules and stimulated emissions to generate a beam of light with controlled purity, size and shape. The lasers are monochromatic, uni-directional and coherent. Some of the commonly used industrial lasers include fiber, diode, carbon dioxide and solid-state lasers. They consist of a controller, filter, rotary device and galvanometer, along with a gain medium, energy source and mirrors to amplify the protons. Industrial lasers find extensive application for communication, material processing, cutting, welding, engraving, brazing, marking and lithography.

Industrial Lasers Systems Market Trends:

The increasing adoption of lasers for custom markings and engravings across industries, such as automotive, medical, aerospace, defense and packaging, is among the key factors driving the market growth. This can also be attributed to the escalating demand for automation and high-end processing in the manufacturing applications. Moreover, the widespread adoption of fiber lasers for marking and engraving on semiconductors and other electronics is providing a thrust to the market growth. Fiber lasers offer enhanced output power, optical quality and are available in both continuous and modulated wave modes. They are used for printing permanent alphanumeric details on products, such as brand names, batch numbers, manufacturer codes, bar codes, logos and dates. Additionally, various technological advancements, such as the integration of laser systems in additive manufacturing, are acting as other growth-

inducing factors. Industrial lasers are also used for 3D printing of products with enhanced efficiency, customization and minimal waste generation and errors. Other factors, including rapid industrialization, along with the increasing utilization of direct-diode lasers for cutting plastics, ceramics, fiber-reinforced and organic materials, are anticipated to drive the market toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global industrial lasers systems market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, application and end use industry.

Breakup by Type:

- Fiber Laser
- Solid State Laser
- CO2 Laser
- Others

Breakup by Application:

- Cutting
- Welding
- Marking
- Drilling
- Others

Breakup by End Use Industry:

- Semiconductor and Electronics
- Automotive
- Aerospace and Defense
- Medical
- Others

Breakup by Region:

- North America
- United States

Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being ACSYS Lasertechnik US Inc., Amonics Ltd., Coherent Inc., Han's Laser Technology Industry Group Co. Ltd, II-VI Incorporated, IPG Photonics Corporation, Jenoptik Laser GmbH, Lumibird Group, Newport Corporation (MKS Instruments Inc.), NKT Photonics A/S, Toptica Photonics AG and TRUMPF.

Key Questions Answered in This Report

1. What was the size of the global industrial lasers systems market in 2022?
2. What is the expected growth rate of the global industrial lasers systems market during 2023-2028?
3. What are the key factors driving the global industrial lasers systems market?
4. What has been the impact of COVID-19 on the global industrial lasers systems market?
5. What is the breakup of the global industrial lasers systems market based on the

type?

6. What is the breakup of the global industrial lasers systems market based on the application?
7. What is the breakup of the global industrial lasers systems market based on end use industry?
8. What are the key regions in the global industrial lasers systems market?
9. Who are the key players/companies in the global industrial lasers systems market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL INDUSTRIAL LASERS SYSTEMS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TYPE

- 6.1 Fiber Laser
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Solid State Laser
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 CO₂ Laser

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Others
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

- 7.1 Cutting
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Welding
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Marking
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Drilling
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Others
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast

8 MARKET BREAKUP BY END USE INDUSTRY

- 8.1 Semiconductor and Electronics
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Automotive
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Aerospace and Defense
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Medical
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Others

8.5.1 Market Trends

8.5.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

9.3.1.1 Market Trends

9.3.1.2 Market Forecast

9.3.2 France

- 9.3.2.1 Market Trends
- 9.3.2.2 Market Forecast
- 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
- 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 ACSYS Lasertechnik US Inc.
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.2 Amonics Ltd.
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.3 Coherent Inc.
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.3.4 SWOT Analysis
 - 14.3.4 Han's Laser Technology Industry Group Co. Ltd
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.5 II-VI Incorporated
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.5.3 Financials
 - 14.3.6 IPG Photonics Corporation

- 14.3.6.1 Company Overview
- 14.3.6.2 Product Portfolio
- 14.3.6.3 Financials
- 14.3.7 Jenoptik Laser GmbH
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.7.3 Financials
- 14.3.8 Lumibird Group
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
- 14.3.9 Newport Corporation (MKS Instruments Inc.)
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
- 14.3.10 NKT Photonics A/S
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
- 14.3.11 Toptica Photonics AG
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
- 14.3.12 TRUMPF
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Industrial Lasers Systems Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Industrial Lasers Systems Market Forecast: Breakup by Type (in Million US\$), 2023-2028

Table 3: Global: Industrial Lasers Systems Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 4: Global: Industrial Lasers Systems Market Forecast: Breakup by End Use Industry (in Million US\$), 2023-2028

Table 5: Global: Industrial Lasers Systems Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Industrial Lasers Systems Market: Competitive Structure

Table 7: Global: Industrial Lasers Systems Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Industrial Lasers Systems Market: Major Drivers and Challenges

Figure 2: Global: Industrial Lasers Systems Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Industrial Lasers Systems Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Industrial Lasers Systems Market: Breakup by Type (in %), 2022

Figure 5: Global: Industrial Lasers Systems Market: Breakup by Application (in %), 2022

Figure 6: Global: Industrial Lasers Systems Market: Breakup by End Use Industry (in %), 2022

Figure 7: Global: Industrial Lasers Systems Market: Breakup by Region (in %), 2022

Figure 8: Global: Industrial Lasers Systems (Fiber Laser) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Industrial Lasers Systems (Fiber Laser) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Industrial Lasers Systems (Solid State Laser) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Industrial Lasers Systems (Solid State Laser) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Industrial Lasers Systems (CO2 Laser) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Industrial Lasers Systems (CO2 Laser) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Industrial Lasers Systems (Other Types) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Industrial Lasers Systems (Other Types) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Industrial Lasers Systems (Cutting) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Industrial Lasers Systems (Cutting) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Industrial Lasers Systems (Welding) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Industrial Lasers Systems (Welding) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Industrial Lasers Systems (Marking) Market: Sales Value (in Million US\$), 2017 & 2022

US\$), 2017 & 2022

Figure 21: Global: Industrial Lasers Systems (Marking) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Industrial Lasers Systems (Drilling) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Industrial Lasers Systems (Drilling) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Industrial Lasers Systems (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Industrial Lasers Systems (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Industrial Lasers Systems (Semiconductor and Electronics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Industrial Lasers Systems (Semiconductor and Electronics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Industrial Lasers Systems (Automotive) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Industrial Lasers Systems (Automotive) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Industrial Lasers Systems (Aerospace and Defense) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Industrial Lasers Systems (Aerospace and Defense) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Global: Industrial Lasers Systems (Medical) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Global: Industrial Lasers Systems (Medical) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Global: Industrial Lasers Systems (Other End Use Industries) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Global: Industrial Lasers Systems (Other End Use Industries) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: North America: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: North America: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: United States: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: United States: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Canada: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Canada: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Asia-Pacific: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Asia-Pacific: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: China: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: China: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: Japan: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Japan: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: India: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: India: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: South Korea: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: South Korea: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Australia: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Australia: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Indonesia: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Indonesia: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Others: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Others: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: Europe: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Europe: Industrial Lasers Systems Market Forecast: Sales Value (in Million

US\$), 2023-2028

Figure 60: Germany: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Germany: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: France: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: France: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: United Kingdom: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: United Kingdom: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Italy: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Italy: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Spain: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Spain: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Russia: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Russia: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Others: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Others: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Latin America: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Latin America: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Brazil: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Brazil: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Mexico: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 79: Mexico: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 80: Others: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 81: Others: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 82: Middle East and Africa: Industrial Lasers Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 83: Middle East and Africa: Industrial Lasers Systems Market: Breakup by Country (in %), 2022

Figure 84: Middle East and Africa: Industrial Lasers Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 85: Global: Industrial Lasers Systems Industry: SWOT Analysis

Figure 86: Global: Industrial Lasers Systems Industry: Value Chain Analysis

Figure 87: Global: Industrial Lasers Systems Industry: Porter's Five Forces Analysis

I would like to order

Product name: Industrial Lasers Systems Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/l2202B115714EN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/l2202B115714EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

