

Laser Marking Market by Laser Type (Fiber Laser, Diode Laser, Solid-state Laser, CO2 Laser, UV Laser), Industry (Machine Tools, Semiconductor & Electronics, Automotive), Offering, Application, Method, Material and Region - Global Forecast to 2027

<https://marketpublishers.com/r/L6C0B85FA06EN.html>

Date: September 2022

Pages: 254

Price: US\$ 4,950.00 (Single User License)

ID: L6C0B85FA06EN

Abstracts

The laser marking market is estimated to grow from USD 2.9 billion in 2022 to reach USD 4.1 billion by 2027; it is expected to grow at a CAGR of 7.2% from 2022 to 2027. The growth of the laser marking market can be attributed to higher performance of laser markers over traditional material marking techniques.

“The laser marking market for laser engraving method is expected to hold largest share from 2022 to 2027”

Laser engraving is seeing a rapid rise in use cases for the technology in the industrial segment. One of the bigger segments is identification security, where laser engraving is ideal for credit cards, ID cards, sensitive documents, and other items requiring increased safety measures. Laser engraving is also being used for multiple new applications such as woodworking, metalworking, digital and retail signage, model-making, apparel shops, fabric shops, gadgets, and sports equipment.

“Laser marking market for QR codes is expected to hold the largest share during the forecast period.”

Laser marking market for QR codes is expected to hold the largest share during the forecast period. QR codes are used across different industries, such as construction, packaging, medical, automotive, and semiconductor. With specialized laser marking

software, laser marking systems can directly mark QR Codes onto products made of almost any material. With the explosion of Smartphones, QR codes are becoming more commonplace and are scannable by a growing portion of the population. QR codes are becoming a standard for product identification. The QR code can link to a URL address such as a Facebook page, YouTube channel, or company website. With recent advancements, 3D codes have come into the picture, requiring 3-axis laser marking machines for marking uneven surfaces or hollow or cylindrical surfaces.

“The laser marking market in North America to grow at the second highest CAGR during forecast period.”

The laser marking market in North America is expected to grow at the second highest CAGR during forecast period. The US, Canada, and Mexico are the major contributors to the growth of the laser marking market in North America. North America is one of the most technologically advanced regions and is a massive market for laser marking devices because of the presence of prominent system suppliers, large semiconductor companies, and automobile manufacturers. North America is a pivotal region for the growth of laser marking in machine tools, aerospace & defense, automotive, and semiconductor & electronics industries.

Breakdown of the profile of primary participants:

By Company Type: Tier 1 – 30%, Tier 2 – 50%, and Tier 3 – 20%

By Designation: C-level Executives – 30%, Directors – 45%, Others - 25%

By Region: North America – 20%, Europe – 30%, Asia Pacific – 45%, and RoW – 5%

Coherent, Inc. (US), TRUMPF (Germany), Han's Laser Technology Co., Ltd. (China), Gravotech Marking (France), IPG Photonics Corp. (US), 600 Group (UK), Danaher Corp. (US), Novanta Inc. (US), KEYENCE Corp. (Japan), Huagong Tech Co., Ltd. (China), Trotec Laser (Austria), Epilog Laser (US), and MECCO (US) are among a few of the players in the laser marking market.

Research Coverage

Based on offering, the laser marking market has been segmented into hardware, software, and services. Based on material, the laser marking market has been segmented into plastic; metal; glass, paper, and ceramics; and others. Based on laser type, the laser marking market has been segmented into fiber laser, diode laser, solid-state laser, CO2 laser, UV Laser and others. Based on method, the laser marking market has been segmented into annealing, ablation, engraving, and others. Based on product type, the laser marking market has been segmented into portable and fixed laser marking. Based on machine type, the laser marking market has been segmented into 2D laser marking and 3D laser marking.

Based on application, the laser marking market has been segmented into bar codes, logos, date codes, part numbers, QR codes, and others. Based on industry, the laser marking market is segmented into machine tools, automotive, semiconductor & electronics, aerospace & defense, healthcare, packaging, and others. Based on region, the laser marking market has been segmented into North America, Europe, Asia Pacific, and Rest of the World (RoW).

Reasons to Buy Report

The report would help market leaders/new entrants in the following ways:

1. This report segments the laser marking market comprehensively and provides the closest approximations of the overall market size, as well as that of the subsegments across offerings, materials, methods, laser types, product types, machine types, applications, industries, and regions.
2. The report helps stakeholders understand the pulse of the market and provides information on key market drivers, restraints, challenges, and opportunities.
3. This report would help stakeholders understand their competitors better and gain more insights to enhance their position in the business. The competitive landscape provides market share analysis and company evaluation quadrant for the key players operating in the laser marking market.

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
- 1.3 INCLUSIONS AND EXCLUSIONS
- 1.4 STUDY SCOPE
 - 1.4.1 MARKETS COVERED
- FIGURE 1 LASER MARKING MARKET: SEGMENTATION
- 1.4.2 REGIONAL SCOPE
- 1.5 YEARS CONSIDERED
- 1.6 CURRENCY CONSIDERED
- 1.7 UNITS CONSIDERED
- 1.8 LIMITATIONS
- 1.9 STAKEHOLDERS
- 1.10 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - FIGURE 2 LASER MARKING MARKET SIZE ESTIMATION AND PROCESS FLOW
 - FIGURE 3 LASER MARKING MARKET: RESEARCH DESIGN
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Major secondary sources
 - 2.1.1.2 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Primary interviews with experts
 - 2.1.2.2 Key data from primary sources
 - 2.1.2.3 Key industry insights
 - 2.1.2.4 Breakdown of primaries
 - 2.1.3 SECONDARY AND PRIMARY RESEARCH
- 2.2 MARKET SIZE ESTIMATION
 - FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 1 (SUPPLY SIDE): REVENUE GENERATED FROM SALE OF LASER MARKING SOLUTIONS IN 2021
 - FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 2 (DEMAND SIDE): ESTIMATION OF LASER MARKING MARKET SIZE, BY INDUSTRY
 - 2.2.1 BOTTOM-UP APPROACH

- 2.2.1.1 Approach for deriving market size by bottom-up analysis (demand side)
FIGURE 6 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH
- 2.2.2 TOP-DOWN APPROACH
 - 2.2.2.1 Approach for capturing market size by top-down analysis (supply side)
FIGURE 7 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH
- 2.2.3 MARKET SHARE ESTIMATION
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
FIGURE 8 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS
TABLE 1 ASSUMPTIONS FOR RESEARCH STUDY
 - 2.4.1 GROWTH RATE ASSUMPTIONS/FORECASTS
- 2.5 LIMITATIONS
- 2.6 RISK ASSESSMENT

3 EXECUTIVE SUMMARY

- FIGURE 9 HARDWARE SEGMENT TO HOLD LARGEST MARKET SHARE DURING FORECAST PERIOD
- FIGURE 10 FIBER LASER SEGMENT TO HOLD LARGEST SHARE OF LASER MARKING MARKET DURING FORECAST PERIOD
- FIGURE 11 PACKAGING INDUSTRY TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD
- FIGURE 12 ASIA PACIFIC LASER MARKING MARKET TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS OPERATING IN LASER MARKING MARKET
FIGURE 13 HIGH DEMAND FOR LASER MARKERS IN HEALTHCARE AND SEMICONDUCTOR & ELECTRONICS INDUSTRIES
- 4.2 LASER MARKING MARKET, BY OFFERING
FIGURE 14 HARDWARE SEGMENT TO HOLD LARGEST SHARE OF LASER MARKING MARKET DURING FORECAST PERIOD
- 4.3 LASER MARKING MARKET, BY METHOD
FIGURE 15 ENGRAVING SEGMENT TO HOLD MAJORITY OF MARKET SHARE IN 2027
- 4.4 LASER MARKING MARKET, BY APPLICATION
FIGURE 16 QR CODES SEGMENT TO HOLD LARGEST MARKET SHARE IN 2027

4.5 ASIA PACIFIC LASER MARKING MARKET, BY COUNTRY AND INDUSTRY
FIGURE 17 MACHINE TOOLS INDUSTRY AND CHINA TO HOLD MAJOR SHARES
OF ASIA PACIFIC LASER MARKING MARKET IN 2022

4.6 LASER MARKING MARKET, BY COUNTRY
FIGURE 18 INDIA TO EXHIBIT HIGHEST CAGR IN GLOBAL LASER MARKING
MARKET DURING FORECAST PERIOD

5 MARKET OVERVIEW

5.1 INTRODUCTION

FIGURE 19 LASER MARKING MARKET: DRIVERS, RESTRAINTS,
OPPORTUNITIES, AND CHALLENGES

5.1.1 DRIVERS

FIGURE 20 LASER MARKING MARKET: DRIVERS AND THEIR IMPACT

5.1.1.1 Higher performance of laser markers over traditional material marking
techniques

5.1.1.2 Increasing adoption of laser markers in various industries

5.1.1.3 Growing adoption of smart manufacturing techniques

5.1.1.4 Shift toward production of nanodevices and microdevices

FIGURE 21 GLOBAL SEMICONDUCTOR SILICON MATERIAL SALES IN MILLION
SQUARE INCH (MSI), 2018–2021

5.1.2 RESTRAINTS

FIGURE 22 LASER MARKING MARKET: RESTRAINTS AND THEIR IMPACT

5.1.2.1 High deployment cost

5.1.3 OPPORTUNITIES

FIGURE 23 LASER MARKING MARKET: OPPORTUNITIES AND THEIR IMPACT

5.1.3.1 Growing adoption of advanced laser marking technologies

5.1.3.2 Increasing trend of personalized gifts

5.1.4 CHALLENGES

FIGURE 24 LASER MARKING MARKET: CHALLENGES AND THEIR IMPACT

5.1.4.1 Environmental concerns associated with use of rare-earth elements

5.1.4.2 Technical complexities related to high-power lasers

5.2 VALUE CHAIN ANALYSIS

FIGURE 25 VALUE CHAIN ANALYSIS: MAJOR VALUE ADDED BY ORIGINAL
EQUIPMENT MANUFACTURERS (OEMS) AND LASER MARKING SYSTEM
INTEGRATORS

5.3 ECOSYSTEM ANALYSIS

FIGURE 26 ECOSYSTEM OF LASER MARKING MARKET

TABLE 2 LASER MARKING MARKET: COMPANY ROLES

5.4 TECHNOLOGY ANALYSIS

5.5 PATENT ANALYSIS

FIGURE 27 NUMBER OF PATENTS GRANTED PER YEAR, 2012–2021

FIGURE 28 TOP 10 COMPANIES WITH HIGHEST NUMBER OF PATENT APPLICATIONS IN LAST 10 YEARS

TABLE 3 LIST OF TOP PATENT OWNERS IN LAST 10 YEARS

5.5.1 LIST OF MAJOR PATENTS RELATED TO LASER MARKING MARKET

TABLE 4 LIST OF MAJOR PATENTS

5.6 CASE STUDY ANALYSIS

5.6.1 LEADING OEM OF ELECTRICAL COMPONENTS RELABELS CIRCUIT BREAKERS WITH MECCO'S AND ITRACE'S TECHNOLOGIES

5.6.2 JUNGHANS ACHIEVES HIGH-QUALITY MARKING ON ITS LIMITED-EDITION PLATINUM WATCHES WITH TRUMPF'S TRUMARK STATION 7000

5.6.3 FOBA HELPS CENTEX MACHINING REDUCE MARKING TIME AND ENHANCE EFFICIENCY

5.6.4 LASERAX HELPS MERIDIAN WITH BEST LASER MARKING STATION SUITABLE FOR HARSH ENVIRONMENTS

5.7 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES

FIGURE 29 TRENDS/DISRUPTIONS IN LASER MARKING MARKET

5.8 TRADE ANALYSIS

FIGURE 30 IMPORT DATA FOR HS CODE 845611, BY COUNTRY, 2017–2021

FIGURE 31 EXPORT DATA FOR HS CODE 845611, BY COUNTRY, 2017–2021

5.9 PORTER'S FIVE FORCES ANALYSIS

TABLE 5 LASER MARKING MARKET: PORTER'S FIVE FORCES ANALYSIS

5.9.1 INTENSITY OF COMPETITIVE RIVALRY

5.9.2 BARGAINING POWER OF SUPPLIERS

5.9.3 BARGAINING POWER OF BUYERS

5.9.4 THREAT OF SUBSTITUTES

5.9.5 THREAT OF NEW ENTRANTS

5.10 TARIFF ANALYSIS

TABLE 6 TARIFF IMPOSED ON LASER MARKING MACHINES UNDER HS CODE 845611 EXPORTED BY US

TABLE 7 TARIFF IMPOSED ON LASER MARKING MACHINES UNDER HS CODE 845611 EXPORTED BY CHINA

TABLE 8 TARIFF IMPOSED ON LASER MARKING MACHINES UNDER HS CODE 845611 EXPORTED BY GERMANY

5.11 STANDARDS AND REGULATORY LANDSCAPE

5.11.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 9 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 10 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 11 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 12 ROW: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

5.11.2 LASER STANDARDS, CLASSIFICATIONS, AND RELATED RATINGS

TABLE 13 CLASSIFICATION CRITERIA OF DIFFERENT LASER STANDARDS

5.11.3 INGRESS PROTECTION (IP) RATINGS

TABLE 14 INGRESS PROTECTION (IP) RATINGS

5.11.4 RESTRICTION OF HAZARDOUS SUBSTANCES (ROHS) AND WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE)

5.11.5 REGISTRATION, EVALUATION, AUTHORIZATION, AND RESTRICTION OF CHEMICALS (REACH)

5.11.6 GENERAL DATA PROTECTION REGULATION (GDPR)

5.11.7 IMPORT–EXPORT LAWS

5.12 KEY STAKEHOLDERS AND BUYING CRITERIA

5.12.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 32 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS, BY TOP 3 INDUSTRIES

TABLE 15 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS, BY TOP 3 INDUSTRIES (%)

5.12.2 BUYING CRITERIA

FIGURE 33 KEY BUYING CRITERIA FOR TOP 3 INDUSTRIES

TABLE 16 KEY BUYING CRITERIA FOR TOP 3 INDUSTRIES

5.13 PRICING ANALYSIS

5.13.1 AVERAGE SELLING PRICE OF LASER MARKING SYSTEMS OFFERED BY MARKET PLAYERS TO TOP 3 INDUSTRIES

FIGURE 34 AVERAGE SELLING PRICE OF LASER MARKING SYSTEMS OFFERED BY MARKET PLAYERS TO TOP 3 INDUSTRIES

TABLE 17 AVERAGE SELLING PRICE OF LASER MARKING SYSTEMS OFFERED BY MARKET PLAYERS TO TOP 3 INDUSTRIES

5.14 KEY CONFERENCES AND EVENTS, 2022–2023

TABLE 18 LASER MARKING MARKET: DETAILED LIST OF CONFERENCES AND EVENTS

6 LASER MARKING MARKET, BY OFFERING

6.1 INTRODUCTION

FIGURE 35 SERVICES SEGMENT TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

TABLE 19 LASER MARKING MARKET, BY OFFERING, 2018–2021 (USD MILLION)

TABLE 20 LASER MARKING MARKET, BY OFFERING, 2022–2027 (USD MILLION)

6.2 HARDWARE

TABLE 21 HARDWARE: LASER MARKING MARKET, BY LASER TYPE, 2018–2021 (USD MILLION)

TABLE 22 HARDWARE: LASER MARKING MARKET, BY LASER TYPE, 2022–2027 (USD MILLION)

TABLE 23 HARDWARE: LASER MARKING MARKET, BY LASER TYPE, 2018–2021 (UNITS)

TABLE 24 HARDWARE: LASER MARKING MARKET, BY LASER TYPE, 2022–2027 (UNITS)

6.2.1 LASER

6.2.1.1 Active laser medium

6.2.1.1.1 Acts as source of optical gain to produce population inversion

6.2.1.2 External energy source

6.2.1.2.1 Laser markers supported via pump source that transfers energy from external source

6.2.1.3 Optical resonator

6.2.1.3.1 Used in guiding stimulated emission processes to generate laser beam

6.2.2 CONTROLLER

6.2.2.1 Used to control laser beam emitted from laser source

6.2.3 FILTER

6.2.3.1 Used to filter range of wavelengths to transmit desired wavelengths and filter unwanted wavelengths

6.2.4 ROTARY DEVICE

6.2.4.1 Laser marking machines supported by rotary devices to work on rounded items

6.2.5 GALVANOMETER

6.2.5.1 Used to guide beam within limited area through lens onto object surface

6.2.6 POWER SUPPLY

6.2.6.1 Provides energy to all devices installed in laser marking system

6.3 SOFTWARE

6.3.1 ENABLES LASER MARKERS TO PERFORM 3D MARKING AND LASER MARKING OF TEXTS, LOGOS, AND GRAPHICS

TABLE 25 SOFTWARE: LASER MARKING MARKET, BY LASER TYPE, 2018–2021

(USD MILLION)

TABLE 26 SOFTWARE: LASER MARKING MARKET, BY LASER TYPE, 2022–2027

(USD MILLION)

6.4 SERVICES

6.4.1 LASER MARKING SERVICES FACILITATE DEPLOYMENT AND OPERATION OF LASER MARKING SYSTEMS

TABLE 27 SERVICES: LASER MARKING MARKET, BY LASER TYPE, 2018–2021

(USD MILLION)

TABLE 28 SERVICES: LASER MARKING MARKET, BY LASER TYPE, 2022–2027

(USD MILLION)

7 LASER MARKING MARKET, BY LASER TYPE

7.1 INTRODUCTION

FIGURE 36 UV LASER SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

TABLE 29 LASER MARKING MARKET, BY LASER TYPE, 2018–2021 (USD MILLION)

TABLE 30 LASER MARKING MARKET, BY LASER TYPE, 2022–2027 (USD MILLION)

7.2 FIBER LASER

7.2.1 GROWING DEMAND FOR FIBER LASER MARKING SYSTEMS ATTRIBUTED TO HIGH VERSATILITY

TABLE 31 FIBER LASER: LASER MARKING MARKET, BY INDUSTRY, 2018–2021 (USD MILLION)

TABLE 32 FIBER LASER: LASER MARKING MARKET, BY INDUSTRY, 2022–2027 (USD MILLION)

TABLE 33 FIBER LASER: LASER MARKING MARKET, BY OFFERING, 2018–2021 (USD MILLION)

TABLE 34 FIBER LASER: LASER MARKING MARKET, BY OFFERING, 2022–2027 (USD MILLION)

7.3 DIODE LASER

7.3.1 HIGH USE OF DIODE LASERS FOR ABLATION AND DAY/NIGHT MARKINGS

TABLE 35 DIODE LASER: LASER MARKING MARKET, BY INDUSTRY, 2018–2021 (USD MILLION)

TABLE 36 DIODE LASER: LASER MARKING MARKET, BY INDUSTRY, 2022–2027 (USD MILLION)

TABLE 37 DIODE LASER: LASER MARKING MARKET, BY OFFERING, 2018–2021 (USD MILLION)

TABLE 38 DIODE LASER: LASER MARKING MARKET, BY OFFERING, 2022–2027 (USD MILLION)

7.4 SOLID-STATE LASER

TABLE 39 SOLID-STATE LASER: LASER MARKING MARKET, BY INDUSTRY, 2018–2021 (USD MILLION)

TABLE 40 SOLID-STATE LASER: LASER MARKING MARKET, BY INDUSTRY, 2022–2027 (USD MILLION)

TABLE 41 SOLID-STATE LASER: LASER MARKING MARKET, BY OFFERING, 2018–2021 (USD MILLION)

TABLE 42 SOLID-STATE LASER: LASER MARKING MARKET, BY OFFERING, 2022–2027 (USD MILLION)

7.4.1 YTTRIUM ALUMINUM GARNET (YAG) LASER

7.4.1.1 Use of yttrium aluminum garnet (YAG) lasers for several applications attributed to high thermal conductivity

7.4.2 NEODYMIUM GLASS LASER

7.4.2.1 Use of neodymium glass lasers in high-energy-pulsed operations

7.4.3 THIN DISK LASER

7.4.3.1 Ability to generate high peak power in picosecond pulses

7.5 CO2 LASER

7.5.1 HIGH USE OF CO2 LASERS FOR COMMERCIAL, INDUSTRIAL, AND MILITARY APPLICATIONS

TABLE 43 CO2 LASER: LASER MARKING MARKET, BY INDUSTRY, 2018–2021 (USD MILLION)

TABLE 44 CO2 LASER: LASER MARKING MARKET, BY INDUSTRY, 2022–2027 (USD MILLION)

TABLE 45 CO2 LASER: LASER MARKING MARKET, BY OFFERING, 2018–2021 (USD MILLION)

TABLE 46 CO2 LASER: LASER MARKING MARKET, BY OFFERING, 2022–2027 (USD MILLION)

7.6 ULTRAVIOLET (UV) LASER

7.6.1 GROWING ADOPTION OF ULTRAVIOLET (UV) LASERS TO MARK HIGHLY REFLECTIVE MATERIALS

TABLE 47 UV LASER: LASER MARKING MARKET, BY INDUSTRY, 2018–2021 (USD MILLION)

TABLE 48 UV LASER: LASER MARKING MARKET, BY INDUSTRY, 2022–2027 (USD MILLION)

TABLE 49 UV LASER: LASER MARKING MARKET, BY OFFERING, 2018–2021 (USD MILLION)

TABLE 50 UV LASER: LASER MARKING MARKET, BY OFFERING, 2022–2027 (USD MILLION)

7.7 OTHERS

TABLE 51 OTHERS: LASER MARKING MARKET, BY INDUSTRY, 2018–2021 (USD MILLION)

TABLE 52 OTHERS: LASER MARKING MARKET, BY INDUSTRY, 2022–2027 (USD MILLION)

TABLE 53 OTHERS: LASER MARKING MARKET, BY OFFERING, 2018–2021 (USD MILLION)

TABLE 54 OTHERS: LASER MARKING MARKET, BY OFFERING, 2022–2027 (USD MILLION)

8 LASER MARKING MARKET, BY PRODUCT TYPE

8.1 INTRODUCTION

FIGURE 37 FIXED SEGMENT TO HOLD LARGER SHARE OF LASER MARKING MARKET DURING FORECAST PERIOD

TABLE 55 LASER MARKING MARKET, BY PRODUCT TYPE, 2018–2021 (USD MILLION)

TABLE 56 LASER MARKING MARKET, BY PRODUCT TYPE, 2022–2027 (USD MILLION)

8.2 FIXED

8.2.1 WIDELY USED FOR 3D MARKING OF LOGOS, 2D MATRIX CODES, AND BARCODES

8.3 PORTABLE

8.3.1 HIGHLY USED ATTRIBUTED TO COMPACT SIZE, MINIMAL MAINTENANCE COST, HIGH STABILIZATION, AND LESS POWER CONSUMPTION FEATURES

9 LASER MARKING MARKET, BY MACHINE TYPE

9.1 INTRODUCTION

FIGURE 38 3D LASER MARKING SEGMENT TO RECORD HIGHER CAGR DURING FORECAST PERIOD

TABLE 57 LASER MARKING MARKET, BY MACHINE TYPE, 2018–2021 (USD MILLION)

TABLE 58 LASER MARKING MARKET, BY MACHINE TYPE, 2022–2027 (USD MILLION)

9.2 2D LASER MARKING

9.2.1 USED FOR MARKING FLAT SURFACES IN VARIOUS INDUSTRIES

9.3 3D LASER MARKING

9.3.1 USED TO PERFORM ETCHINGS, ENGRAVINGS, AND MARKINGS ON NON-FLAT SURFACES

10 LASER MARKING MARKET, BY METHOD

10.1 INTRODUCTION

FIGURE 39 ANNEALING SEGMENT TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

TABLE 59 LASER MARKING MARKET, BY METHOD, 2018–2021 (USD MILLION)

TABLE 60 LASER MARKING MARKET, BY METHOD, 2022–2027 (USD MILLION)

10.2 ANNEALING

10.2.1 ANNEALING PROVIDES PERMANENT MARKING ON MACHINE TOOLS AND MEDICAL EQUIPMENT FOR TRACING AND IDENTIFICATION OF TOOLS

10.3 ABLATION

10.3.1 ABLATION IS WELL-SUITED FOR PASSIVATED, OXIDIZED, OR COATED METALS

10.4 ENGRAVING

10.4.1 LASER ENGRAVING CAN BE ACHIEVED ON DIFFERENT MATERIALS

10.5 OTHERS

11 LASER MARKING MARKET, BY MATERIAL

11.1 INTRODUCTION

FIGURE 40 METAL SEGMENT TO HOLD LARGEST SHARE DURING FORECAST PERIOD

TABLE 61 LASER MARKING MARKET, BY MATERIAL TYPE, 2018–2021 (USD MILLION)

TABLE 62 LASER MARKING MARKET, BY MATERIAL TYPE, 2022–2027 (USD MILLION)

11.2 METAL

11.2.1 GROWING USE OF FIBER AND CO2 LASER MARKING MACHINES TO MARK AND ENGRAVE METALS

11.3 PLASTIC

11.3.1 RISING LASER MARKING ON PLASTIC MATERIALS

11.4 GLASS, PAPER, AND CERAMICS

11.4.1 RISING ADOPTION OF LASER ENGRAVING MACHINES TO MARK GLASS, PAPER, AND CERAMICS

11.5 OTHERS

12 LASER MARKING MARKET, BY APPLICATION

12.1 INTRODUCTION

FIGURE 41 QR CODES SEGMENT TO HOLD LARGEST SHARE OF LASER MARKING MARKET DURING FORECAST PERIOD

TABLE 63 LASER MARKING MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 64 LASER MARKING MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

12.2 BARCODES

12.2.1 RISING DEMAND FOR LASER MARKING MACHINES ATTRIBUTED TO ABILITY TO MARK PERMANENT ALPHANUMERIC DETAILS ON OBJECTS

12.3 LOGOS

12.3.1 GROWING ADOPTION OF LASER MARKING AS PERMANENT LOGO MARKING METHOD FOR SEVERAL MATERIALS

12.4 DATE CODES

12.4.1 INCREASING USE OF HIGH-PRECISION LASERS IN HEALTHCARE INDUSTRY FOR MARKING DATE CODES ON MEDICINES AND SUPPLEMENTS

12.5 PART NUMBERS

12.5.1 INCREASING APPLICATION OF LASER MARKING SYSTEMS TO MARK PART NUMBERS IN MACHINE TOOLS AND AUTOMOTIVE INDUSTRIES

12.6 QUICK RESPONSE (QR) CODES

12.6.1 RISING ADOPTION OF QUICK RESPONSE (QR) CODES IN VARIOUS INDUSTRIES

12.7 OTHERS

13 LASER MARKING MARKET, BY INDUSTRY

13.1 INTRODUCTION

FIGURE 42 PACKAGING SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

TABLE 65 LASER MARKING MARKET, BY INDUSTRY, 2018–2021 (USD MILLION)

TABLE 66 LASER MARKING MARKET, BY INDUSTRY, 2022–2027 (USD MILLION)

13.2 MACHINE TOOLS

13.2.1 RISING DEMAND FOR LASER MARKING AND ENGRAVING SYSTEMS IN MACHINE TOOL MANUFACTURING

TABLE 67 MACHINE TOOLS: LASER MARKING MARKET, BY LASER TYPE, 2018–2021 (USD MILLION)

TABLE 68 MACHINE TOOLS: LASER MARKING MARKET, BY LASER TYPE, 2022–2027 (USD MILLION)

TABLE 69 MACHINE TOOLS: LASER MARKING MARKET, BY REGION, 2018–2021

(USD MILLION)

TABLE 70 MACHINE TOOLS: LASER MARKING MARKET, BY REGION, 2022–2027

(USD MILLION)

TABLE 71 MACHINE TOOLS: ASIA PACIFIC LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 72 MACHINE TOOLS: ASIA PACIFIC LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 73 MACHINE TOOLS: EUROPE LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 74 MACHINE TOOLS: EUROPE LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 75 MACHINE TOOLS: NORTH AMERICA LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 76 MACHINE TOOLS: NORTH AMERICA LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 77 MACHINE TOOLS: ROW LASER MARKING MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 78 MACHINE TOOLS: ROW LASER MARKING MARKET, BY REGION, 2022–2027 (USD MILLION)

13.3 SEMICONDUCTOR & ELECTRONICS

13.3.1 RISING GLOBAL INVESTMENTS IN SEMICONDUCTOR FABRICATION EXPANSION

TABLE 79 SEMICONDUCTOR & ELECTRONICS: LASER MARKING MARKET, BY LASER TYPE, 2018–2021 (USD MILLION)

TABLE 80 SEMICONDUCTOR & ELECTRONICS: LASER MARKING MARKET, BY LASER TYPE, 2022–2027 (USD MILLION)

TABLE 81 SEMICONDUCTOR & ELECTRONICS: LASER MARKING MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 82 SEMICONDUCTOR & ELECTRONICS: LASER MARKING MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 83 SEMICONDUCTOR & ELECTRONICS: ASIA PACIFIC LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 84 SEMICONDUCTOR & ELECTRONICS: ASIA PACIFIC LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 85 SEMICONDUCTOR & ELECTRONICS: EUROPE LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 86 SEMICONDUCTOR & ELECTRONICS: EUROPE LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 87 SEMICONDUCTOR & ELECTRONICS: NORTH AMERICA LASER

MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 88 SEMICONDUCTOR & ELECTRONICS: NORTH AMERICA LASER

MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 89 SEMICONDUCTOR & ELECTRONICS: ROW LASER MARKING MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 90 SEMICONDUCTOR & ELECTRONICS: ROW LASER MARKING MARKET, BY REGION, 2022–2027 (USD MILLION)

13.4 AUTOMOTIVE

13.4.1 HIGH USE OF LASER MARKING SYSTEMS TO MARK AUTOMOBILE PARTS

TABLE 91 AUTOMOTIVE: LASER MARKING MARKET, BY LASER TYPE, 2018–2021 (USD MILLION)

TABLE 92 AUTOMOTIVE: LASER MARKING MARKET, BY LASER TYPE, 2022–2027 (USD MILLION)

TABLE 93 AUTOMOTIVE: LASER MARKING MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 94 AUTOMOTIVE: LASER MARKING MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 95 AUTOMOTIVE: ASIA PACIFIC LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 96 AUTOMOTIVE: ASIA PACIFIC LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 97 AUTOMOTIVE: EUROPE LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 98 AUTOMOTIVE: EUROPE LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 99 AUTOMOTIVE: NORTH AMERICA LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 100 AUTOMOTIVE: NORTH AMERICA LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 101 AUTOMOTIVE: ROW LASER MARKING MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 102 AUTOMOTIVE: ROW LASER MARKING MARKET, BY REGION, 2022–2027 (USD MILLION)

13.5 HEALTHCARE

13.5.1 RISING DEMAND FOR HIGH-PRECISION LASERS TO MEET STRINGENT IDENTIFICATION AND TRACEABILITY GUIDELINES

TABLE 103 HEALTHCARE: LASER MARKING MARKET, BY LASER TYPE, 2018–2021 (USD MILLION)

TABLE 104 HEALTHCARE: LASER MARKING MARKET, BY LASER TYPE,

2022–2027 (USD MILLION)

TABLE 105 HEALTHCARE: LASER MARKING MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 106 HEALTHCARE: LASER MARKING MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 107 HEALTHCARE: ASIA PACIFIC LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 108 HEALTHCARE: ASIA PACIFIC LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 109 HEALTHCARE: EUROPE LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 110 HEALTHCARE: EUROPE LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 111 HEALTHCARE: NORTH AMERICA LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 112 HEALTHCARE: NORTH AMERICA LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 113 HEALTHCARE: ROW LASER MARKING MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 114 HEALTHCARE: ROW LASER MARKING MARKET, BY REGION, 2022–2027 (USD MILLION)

13.6 AEROSPACE & DEFENSE

13.6.1 GROWING DEMAND FOR LASER MARKERS IN AEROSPACE & DEFENSE INDUSTRY ATTRIBUTED TO ABILITY TO WORK WITH SEVERAL METALS

TABLE 115 AEROSPACE & DEFENSE: LASER MARKING MARKET, BY LASER TYPE, 2018–2021 (USD MILLION)

TABLE 116 AEROSPACE & DEFENSE: LASER MARKING MARKET, BY LASER TYPE, 2022–2027 (USD MILLION)

TABLE 117 AEROSPACE & DEFENSE: LASER MARKING MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 118 AEROSPACE & DEFENSE: LASER MARKING MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 119 AEROSPACE & DEFENSE: ASIA PACIFIC LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 120 AEROSPACE & DEFENSE: ASIA PACIFIC LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 121 AEROSPACE & DEFENSE: EUROPE LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 122 AEROSPACE & DEFENSE: EUROPE LASER MARKING MARKET, BY

COUNTRY, 2022–2027 (USD MILLION)

TABLE 123 AEROSPACE & DEFENSE: NORTH AMERICA LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 124 AEROSPACE & DEFENSE: NORTH AMERICA LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 125 AEROSPACE & DEFENSE: ROW LASER MARKING MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 126 AEROSPACE & DEFENSE: ROW LASER MARKING MARKET, BY REGION, 2022–2027 (USD MILLION)

13.7 PACKAGING

13.7.1 HIGH USE OF CO2 LASERS IN PACKAGING VERTICAL

TABLE 127 PACKAGING: LASER MARKING MARKET, BY LASER TYPE, 2018–2021 (USD MILLION)

TABLE 128 PACKAGING: LASER MARKING MARKET, BY LASER TYPE, 2022–2027 (USD MILLION)

TABLE 129 PACKAGING: LASER MARKING MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 130 PACKAGING: LASER MARKING MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 131 PACKAGING: ASIA PACIFIC LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 132 PACKAGING: ASIA PACIFIC LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 133 PACKAGING: EUROPE LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 134 PACKAGING: EUROPE LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 135 PACKAGING: NORTH AMERICA LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 136 PACKAGING: NORTH AMERICA LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 137 PACKAGING: ROW LASER MARKING MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 138 PACKAGING: ROW LASER MARKING MARKET, BY REGION, 2022–2027 (USD MILLION)

13.8 OTHERS

13.8.1 TEXTILE

13.8.1.1 Engraving of natural and synthetic fabrics to achieve required design

13.8.2 ARCHITECTURE

13.8.2.1 Rising marking and engraving of wood and plywood

13.8.3 GEMOLOGY & JEWELRY

13.8.3.1 Ability of laser marking machines to perform customized markings quickly and easily

TABLE 139 OTHERS: LASER MARKING MARKET, BY LASER TYPE, 2018–2021 (USD MILLION)

TABLE 140 OTHERS: LASER MARKING MARKET, BY LASER TYPE, 2022–2027 (USD MILLION)

TABLE 141 OTHERS: LASER MARKING MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 142 OTHERS: LASER MARKING MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 143 OTHERS: ASIA PACIFIC LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 144 OTHERS: ASIA PACIFIC LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 145 OTHERS: EUROPE LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 146 OTHERS: EUROPE LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 147 OTHERS: NORTH AMERICA LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 148 OTHERS: NORTH AMERICA LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 149 OTHERS: ROW LASER MARKING MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 150 OTHERS: ROW LASER MARKING MARKET, BY REGION, 2022–2027 (USD MILLION)

14 LASER MARKING MARKET, BY REGION

14.1 INTRODUCTION

FIGURE 43 REGIONAL SNAPSHOT: INDIA LASER MARKING MARKET TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

TABLE 151 LASER MARKING MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 152 LASER MARKING MARKET, BY REGION, 2022–2027 (USD MILLION)

14.2 NORTH AMERICA

FIGURE 44 NORTH AMERICA: SNAPSHOT OF LASER MARKING MARKET

TABLE 153 NORTH AMERICA: LASER MARKING MARKET, BY COUNTRY,

2018–2021 (USD MILLION)

TABLE 154 NORTH AMERICA: LASER MARKING MARKET, BY COUNTRY,
2022–2027 (USD MILLION)

TABLE 155 NORTH AMERICA: LASER MARKING MARKET, BY INDUSTRY,
2018–2021 (USD MILLION)

TABLE 156 NORTH AMERICA: LASER MARKING MARKET, BY INDUSTRY,
2022–2027 (USD MILLION)

14.2.1 US

14.2.1.1 Increasing demand for warranty traceability and regulatory requirements
from manufacturing companies

14.2.2 CANADA

14.2.2.1 Growing label engraving on manufactured products

14.2.3 MEXICO

14.2.3.1 Expanding automotive industry

14.3 EUROPE

FIGURE 45 EUROPE: SNAPSHOT OF LASER MARKING MARKET

TABLE 157 EUROPE: LASER MARKING MARKET, BY COUNTRY, 2018–2021 (USD
MILLION)

TABLE 158 EUROPE: LASER MARKING MARKET, BY COUNTRY, 2022–2027 (USD
MILLION)

TABLE 159 EUROPE: LASER MARKING MARKET, BY INDUSTRY, 2018–2021 (USD
MILLION)

TABLE 160 EUROPE: LASER MARKING MARKET, BY INDUSTRY, 2022–2027 (USD
MILLION)

14.3.1 GERMANY

14.3.1.1 Growing use of laser markers and engravers in foaming, frothing, annealing,
and other micromachining applications

14.3.2 FRANCE

14.3.2.1 Rising government-led investments in automotive and semiconductor
industries

14.3.3 UK

14.3.3.1 Growing aerospace industry

14.3.4 REST OF EUROPE

14.4 ASIA PACIFIC

FIGURE 46 ASIA PACIFIC: SNAPSHOT OF LASER MARKING MARKET

TABLE 161 ASIA PACIFIC: LASER MARKING MARKET, BY COUNTRY, 2018–2021
(USD MILLION)

TABLE 162 ASIA PACIFIC: LASER MARKING MARKET, BY COUNTRY, 2022–2027
(USD MILLION)

TABLE 163 ASIA PACIFIC: LASER MARKING MARKET, BY INDUSTRY, 2018–2021
(USD MILLION)

TABLE 164 ASIA PACIFIC: LASER MARKING MARKET, BY INDUSTRY, 2022–2027
(USD MILLION)

14.4.1 CHINA

14.4.1.1 Growing adoption of enhanced manufacturing techniques in machine tools industry

14.4.2 JAPAN

14.4.2.1 Rapid industrialization and modernization

14.4.3 INDIA

14.4.3.1 Government-led initiatives to boost domestic manufacturing sector

14.4.4 SOUTH KOREA

14.4.4.1 High investments in semiconductor industry

14.4.5 REST OF ASIA PACIFIC

14.5 REST OF THE WORLD (ROW)

TABLE 165 ROW: LASER MARKING MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 166 ROW: LASER MARKING MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 167 ROW: LASER MARKING MARKET, BY INDUSTRY, 2018–2021 (USD MILLION)

TABLE 168 ROW: LASER MARKING MARKET, BY INDUSTRY, 2022–2027 (USD MILLION)

14.5.1 MIDDLE EAST & AFRICA

14.5.1.1 Expansion of automotive vertical

14.5.2 SOUTH AMERICA

14.5.2.1 Rising demand for laser marking systems in aerospace industry

15 COMPETITIVE LANDSCAPE

15.1 OVERVIEW

15.2 STRATEGIES ADOPTED BY KEY PLAYERS/RIGHT TO WIN

TABLE 169 OVERVIEW OF STRATEGIES ADOPTED BY KEY COMPANIES IN LASER MARKING MARKET

15.3 FIVE-YEAR COMPANY REVENUE ANALYSIS

FIGURE 47 FIVE-YEAR REVENUE ANALYSIS OF TOP PLAYERS IN LASER MARKING MARKET

15.4 MARKET SHARE ANALYSIS, 2021

TABLE 170 LASER MARKING MARKET: DEGREE OF COMPETITION

15.5 COMPANY EVALUATION QUADRANT

15.5.1 STARS

15.5.2 EMERGING LEADERS

15.5.3 PERVASIVE PLAYERS

15.5.4 PARTICIPANTS

FIGURE 48 LASER MARKING MARKET (GLOBAL): COMPANY EVALUATION QUADRANT, 2021

15.6 STARTUP/SME EVALUATION QUADRANT, 2021

15.6.1 PROGRESSIVE COMPANIES

15.6.2 RESPONSIVE COMPANIES

15.6.3 DYNAMIC COMPANIES

15.6.4 STARTING BLOCKS

FIGURE 49 LASER MARKING MARKET: STARTUP/SME EVALUATION QUADRANT, 2021

15.7 LASER MARKING MARKET: COMPANY PRODUCT FOOTPRINT

TABLE 171 PRODUCT FOOTPRINT OF COMPANIES

TABLE 172 INDUSTRY FOOTPRINT OF COMPANIES

TABLE 173 PRODUCT TYPE FOOTPRINT OF COMPANIES

TABLE 174 REGIONAL FOOTPRINT OF COMPANIES

15.8 LASER MARKING MARKET: COMPETITIVE BENCHMARKING

TABLE 175 LASER MARKING MARKET: DETAILED LIST OF KEY STARTUPS/SMES

TABLE 176 LASER MARKING MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES, BY INDUSTRY

TABLE 177 LASER MARKING MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES, BY PRODUCT TYPE

TABLE 178 LASER MARKING MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES, BY REGION

15.9 COMPETITIVE SCENARIO AND TRENDS

TABLE 179 LASER MARKING MARKET: PRODUCT LAUNCHES, JANUARY 2020–AUGUST 2022

TABLE 180 LASER MARKING MARKET: DEALS, JANUARY 2020–AUGUST 2022

16 COMPANY PROFILES

(Business Overview, Products/Solutions/Services Offered, Recent Developments, MnM view (Key strengths/Right to win, Strategic choices made, Weakness/competitive threats)*

16.1 KEY PLAYERS

16.1.1 COHERENT, INC.

TABLE 181 COHERENT, INC.: COMPANY OVERVIEW
FIGURE 50 COHERENT, INC.: COMPANY SNAPSHOT

16.1.2 TRUMPF

TABLE 182 TRUMPF: COMPANY OVERVIEW
FIGURE 51 TRUMPF: COMPANY SNAPSHOT

16.1.3 HAN'S LASER TECHNOLOGY CO., LTD.

TABLE 183 HAN'S LASER: COMPANY OVERVIEW
FIGURE 52 HAN'S LASER: COMPANY SNAPSHOT

16.1.4 IPG PHOTONICS CORP.

TABLE 184 IPG PHOTONICS CORP.: COMPANY OVERVIEW
FIGURE 53 IPG PHOTONICS CORP.: COMPANY SNAPSHOT

16.1.5 DANAHER CORP.

TABLE 185 DANAHER CORP.: COMPANY OVERVIEW
FIGURE 54 DANAHER CORP: COMPANY SNAPSHOT

16.1.6 NOVANTA INC.

TABLE 186 NOVANTA INC.: COMPANY OVERVIEW
FIGURE 55 NOVANTA INC.: COMPANY SNAPSHOT

16.1.7 KEYENCE CORP.

TABLE 187 KEYENCE CORP.: COMPANY OVERVIEW
FIGURE 56 KEYENCE CORP.: COMPANY SNAPSHOT

16.1.8 GRAVOTECH MARKING

TABLE 188 GRAVOTECH MARKING: COMPANY OVERVIEW

16.1.9 JENOPTIK

TABLE 189 JENOPTIK: COMPANY OVERVIEW
FIGURE 57 JENOPTIK: COMPANY SNAPSHOT

16.1.10 600 GROUP

TABLE 190 600 GROUP: COMPANY OVERVIEW
FIGURE 58 600 GROUP: COMPANY SNAPSHOT

Details on Business Overview, Products/Solutions/Services Offered, Recent Developments, MnM view (Key strengths/Right to win, Strategic choices made, Weakness/competitive threats) might not be captured in case of unlisted companies.

16.2 OTHER PLAYERS

16.2.1 DATALOGIC S.P.A.

16.2.2 PANASONIC CORP.

16.2.3 HUAGONG TECH CO., LTD.

16.2.4 OMRON CORP.

16.2.5 TROTEC LASER GMBH

16.2.6 EPILOG LASER

16.2.7 MECCO

- 16.2.8 LASERSTAR TECHNOLOGIES CORP.
- 16.2.9 TELESIS TECHNOLOGIES, INC.
- 16.2.10 GCC WORLD
- 16.2.11 ACI LASER
- 16.2.12 RADIAN LASER SYSTEMS
- 16.2.13 LNA LASER
- 16.2.14 ACSYS LASERTECHNIK GMBH
- 16.2.15 LASERAX
- 16.2.16 HEATSIGN
- 16.2.17 RMI LASER
- 16.2.18 LASEA

17 APPENDIX

- 17.1 DISCUSSION GUIDE
- 17.2 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 17.3 CUSTOMIZATION OPTIONS
- 17.4 RELATED REPORTS
- 17.5 AUTHOR DETAILS

I would like to order

Product name: Laser Marking Market by Laser Type (Fiber Laser, Diode Laser, Solid-state Laser, CO2 Laser, UV Laser), Industry (Machine Tools, Semiconductor & Electronics, Automotive), Offering, Application, Method, Material and Region - Global Forecast to 2027

Product link: <https://marketpublishers.com/r/L6C0B85FA06EN.html>

Price: US\$ 4,950.00 (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/L6C0B85FA06EN.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