

Global Laser Surface Hardening Technology Market Growth (Status and Outlook) 2023-2029

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Abstracts

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Laser hardening is a heat treatment process or case hardening process in which a laser beam is used to heat the surface of a metal part, which is then rapidly cooled in the surrounding air. This method is specifically used for ferrous materials suitable for hardening, including steel and cast iron, with a carbon content in excess of 0.2%. Laser hardening requires less cleaning and has the ability to handle irregular three-dimensional workpieces. Laser hardening increases hardness and wear resistance, which results in a reduction in abrasive wear.

LPI (LP Information)' newest research report, the "Laser Surface Hardening Technology Industry Forecast" looks at past sales and reviews total world Laser Surface Hardening Technology sales in 2022, providing a comprehensive analysis by region and market sector of projected Laser Surface Hardening Technology sales for 2023 through 2029. With Laser Surface Hardening Technology sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Laser Surface Hardening Technology industry.

This Insight Report provides a comprehensive analysis of the global Laser Surface Hardening Technology landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Laser Surface Hardening Technology portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Laser Surface Hardening Technology market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Laser Surface Hardening Technology and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Laser Surface Hardening Technology.

The global Laser Surface Hardening Technology market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Laser Surface Hardening Technology is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Laser Surface Hardening Technology is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Laser Surface Hardening Technology is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Laser Surface Hardening Technology players cover IHI Ionbond AG, WALDUN, Titanova, Inc, TRUMPF Group, Wghglaser, Preco, LLC, Bubenlaser, ALPHA LASER and LaserTherm, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Laser Surface Hardening Technology market by product type, application, key players and key regions and countries.

Market Segmentation:

Segmentation by type

Laser Powder Surfacing

Laser Wire Surfacing

Segmentation by application

Metallurgical Industry

Machinery Industry

Petrochemical

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

IHI Ionbond AG

WALDUN

Titanova, Inc

TRUMPF Group

Wghglaser

Preco, LLC

Bubenlaser

ALPHA LASER

LaserTherm

NUTECH GmbH

IPG Photonics Corporation

Raycham

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