

Global Laser Quenching 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.

According to this study, the global Laser Quenching Technology market size will reach US\$ million by 2029.

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

Segmentation by product type:

Laser Powder Surfacing

Laser Wire Surfacing

Segmentation by Application:

Metallurgical Industry

Machinery Industry

Petrochemical

Others

This report also splits the market by region:

United States

China

Europe

Other regions:

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

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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