

# Global Automotive Grade Laser Plastic Welding System Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Automotive Grade Laser Plastic Welding System market size is expected to reach \$ 453.6 million by 2029, rising at a market growth of 6.7% CAGR during the forecast period (2023-2029).

The development of an automotive grade laser plastic welding system has a promising prospect in the automotive industry. Laser plastic welding is a process that uses laser energy to melt and fuse plastic parts together. This technology is becoming increasingly popular in the automotive industry due to its ability to join dissimilar materials, reduce weight, and improve fuel efficiency.

The automotive industry is constantly looking for ways to reduce weight and improve fuel efficiency in vehicles. Laser plastic welding is a technology that can help achieve these goals by allowing manufacturers to use lighter weight materials and join them together in a way that is both strong and durable. This technology can also help reduce the number of parts needed in a vehicle, which can lead to cost savings and improved efficiency.

In addition to weight reduction and improved fuel efficiency, laser plastic welding also offers other benefits to the automotive industry. This technology can help improve the overall quality of the vehicle by reducing the number of joints and seams, which can lead to improved aesthetics and reduced noise and vibration. Laser plastic welding can also help improve the safety of the vehicle by creating stronger and more durable joints.

Overall, the development of an automotive grade laser plastic welding system has a promising prospect in the automotive industry. This technology can help manufacturers

reduce weight, improve fuel efficiency, and improve the overall quality and safety of vehicles. As the automotive industry continues to look for ways to improve efficiency and reduce costs, laser plastic welding will likely become an increasingly important technology.

This report studies the global Automotive Grade Laser Plastic Welding System production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive Grade Laser Plastic Welding System, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automotive Grade Laser Plastic Welding System that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automotive Grade Laser Plastic Welding System total production and demand, 2018-2029, (K Units)

Global Automotive Grade Laser Plastic Welding System total production value, 2018-2029, (USD Million)

Global Automotive Grade Laser Plastic Welding System production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automotive Grade Laser Plastic Welding System consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Automotive Grade Laser Plastic Welding System domestic production, consumption, key domestic manufacturers and share

Global Automotive Grade Laser Plastic Welding System production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Automotive Grade Laser Plastic Welding System production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automotive Grade Laser Plastic Welding System production by Application

production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Automotive Grade Laser Plastic Welding System market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include TRUMPF, LPKF Laser & Electronics, Panasonic, Jenoptik, Scantech Laser, EVLASER SRL, Dukane, uwlaser and IPTE Factory Automation, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automotive Grade Laser Plastic Welding System market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Automotive Grade Laser Plastic Welding System Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Automotive Grade Laser Plastic Welding System Market, Segmentation by Type

Transmission Laser Welding System

Absorption Laser Welding System

Others

## Global Automotive Grade Laser Plastic Welding System Market, Segmentation by Application

Interior Components

Electrical Components

Fuel System Components

Others

## Companies Profiled:

TRUMPF

LPKF Laser & Electronics

Panasonic

Jenoptik

Scantech Laser

EVLASER SRL

Dukane

uwlaser

IPTE Factory Automation

SONIMAT

Coherent

Emerson

Nippon Avionics

bielomatik

Leister Technologies

Control Micro Systems

## Key Questions Answered

1. How big is the global Automotive Grade Laser Plastic Welding System market?
2. What is the demand of the global Automotive Grade Laser Plastic Welding System market?
3. What is the year over year growth of the global Automotive Grade Laser Plastic Welding System market?
4. What is the production and production value of the global Automotive Grade Laser Plastic Welding System market?
5. Who are the key producers in the global Automotive Grade Laser Plastic Welding System market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Automotive Grade Laser Plastic Welding System Introduction
- 1.2 World Automotive Grade Laser Plastic Welding System Supply & Forecast
  - 1.2.1 World Automotive Grade Laser Plastic Welding System Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Automotive Grade Laser Plastic Welding System Production (2018-2029)
  - 1.2.3 World Automotive Grade Laser Plastic Welding System Pricing Trends (2018-2029)
- 1.3 World Automotive Grade Laser Plastic Welding System Production by Region (Based on Production Site)
  - 1.3.1 World Automotive Grade Laser Plastic Welding System Production Value by Region (2018-2029)
  - 1.3.2 World Automotive Grade Laser Plastic Welding System Production by Region (2018-2029)
  - 1.3.3 World Automotive Grade Laser Plastic Welding System Average Price by Region (2018-2029)
  - 1.3.4 North America Automotive Grade Laser Plastic Welding System Production (2018-2029)
  - 1.3.5 Europe Automotive Grade Laser Plastic Welding System Production (2018-2029)
  - 1.3.6 China Automotive Grade Laser Plastic Welding System Production (2018-2029)
  - 1.3.7 Japan Automotive Grade Laser Plastic Welding System Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Automotive Grade Laser Plastic Welding System Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Automotive Grade Laser Plastic Welding System Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World Automotive Grade Laser Plastic Welding System Demand (2018-2029)
- 2.2 World Automotive Grade Laser Plastic Welding System Consumption by Region
  - 2.2.1 World Automotive Grade Laser Plastic Welding System Consumption by Region (2018-2023)
  - 2.2.2 World Automotive Grade Laser Plastic Welding System Consumption Forecast

by Region (2024-2029)

2.3 United States Automotive Grade Laser Plastic Welding System Consumption (2018-2029)

2.4 China Automotive Grade Laser Plastic Welding System Consumption (2018-2029)

2.5 Europe Automotive Grade Laser Plastic Welding System Consumption (2018-2029)

2.6 Japan Automotive Grade Laser Plastic Welding System Consumption (2018-2029)

2.7 South Korea Automotive Grade Laser Plastic Welding System Consumption (2018-2029)

2.8 ASEAN Automotive Grade Laser Plastic Welding System Consumption (2018-2029)

2.9 India Automotive Grade Laser Plastic Welding System Consumption (2018-2029)

### **3 WORLD AUTOMOTIVE GRADE LASER PLASTIC WELDING SYSTEM MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World Automotive Grade Laser Plastic Welding System Production Value by Manufacturer (2018-2023)

3.2 World Automotive Grade Laser Plastic Welding System Production by Manufacturer (2018-2023)

3.3 World Automotive Grade Laser Plastic Welding System Average Price by Manufacturer (2018-2023)

3.4 Automotive Grade Laser Plastic Welding System Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Automotive Grade Laser Plastic Welding System Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Automotive Grade Laser Plastic Welding System in 2022

3.5.3 Global Concentration Ratios (CR8) for Automotive Grade Laser Plastic Welding System in 2022

3.6 Automotive Grade Laser Plastic Welding System Market: Overall Company Footprint Analysis

3.6.1 Automotive Grade Laser Plastic Welding System Market: Region Footprint

3.6.2 Automotive Grade Laser Plastic Welding System Market: Company Product Type Footprint

3.6.3 Automotive Grade Laser Plastic Welding System Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition



3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

## **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

4.1 United States VS China: Automotive Grade Laser Plastic Welding System  
Production Value Comparison

4.1.1 United States VS China: Automotive Grade Laser Plastic Welding System  
Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Automotive Grade Laser Plastic Welding System  
Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Automotive Grade Laser Plastic Welding System  
Production Comparison

4.2.1 United States VS China: Automotive Grade Laser Plastic Welding System  
Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Automotive Grade Laser Plastic Welding System  
Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Automotive Grade Laser Plastic Welding System  
Consumption Comparison

4.3.1 United States VS China: Automotive Grade Laser Plastic Welding System  
Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Automotive Grade Laser Plastic Welding System  
Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Automotive Grade Laser Plastic Welding System  
Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Automotive Grade Laser Plastic Welding System  
Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Automotive Grade Laser Plastic Welding  
System Production Value (2018-2023)

4.4.3 United States Based Manufacturers Automotive Grade Laser Plastic Welding  
System Production (2018-2023)

4.5 China Based Automotive Grade Laser Plastic Welding System Manufacturers and  
Market Share

4.5.1 China Based Automotive Grade Laser Plastic Welding System Manufacturers,  
Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Automotive Grade Laser Plastic Welding System  
Production Value (2018-2023)

4.5.3 China Based Manufacturers Automotive Grade Laser Plastic Welding System  
Production (2018-2023)



#### 4.6 Rest of World Based Automotive Grade Laser Plastic Welding System Manufacturers and Market Share, 2018-2023

##### 4.6.1 Rest of World Based Automotive Grade Laser Plastic Welding System Manufacturers, Headquarters and Production Site (State, Country)

##### 4.6.2 Rest of World Based Manufacturers Automotive Grade Laser Plastic Welding System Production Value (2018-2023)

##### 4.6.3 Rest of World Based Manufacturers Automotive Grade Laser Plastic Welding System Production (2018-2023)

### **5 MARKET ANALYSIS BY TYPE**

#### 5.1 World Automotive Grade Laser Plastic Welding System Market Size Overview by Type: 2018 VS 2022 VS 2029

#### 5.2 Segment Introduction by Type

##### 5.2.1 Transmission Laser Welding System

##### 5.2.2 Absorption Laser Welding System

##### 5.2.3 Others

#### 5.3 Market Segment by Type

##### 5.3.1 World Automotive Grade Laser Plastic Welding System Production by Type (2018-2029)

##### 5.3.2 World Automotive Grade Laser Plastic Welding System Production Value by Type (2018-2029)

##### 5.3.3 World Automotive Grade Laser Plastic Welding System Average Price by Type (2018-2029)

### **6 MARKET ANALYSIS BY APPLICATION**

#### 6.1 World Automotive Grade Laser Plastic Welding System Market Size Overview by Application: 2018 VS 2022 VS 2029

#### 6.2 Segment Introduction by Application

##### 6.2.1 Interior Components

##### 6.2.2 Electrical Components

##### 6.2.3 Fuel System Components

##### 6.2.4 Others

#### 6.3 Market Segment by Application

##### 6.3.1 World Automotive Grade Laser Plastic Welding System Production by Application (2018-2029)

##### 6.3.2 World Automotive Grade Laser Plastic Welding System Production Value by Application (2018-2029)

6.3.3 World Automotive Grade Laser Plastic Welding System Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

### **7.1 TRUMPF**

7.1.1 TRUMPF Details

7.1.2 TRUMPF Major Business

7.1.3 TRUMPF Automotive Grade Laser Plastic Welding System Product and Services

7.1.4 TRUMPF Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 TRUMPF Recent Developments/Updates

7.1.6 TRUMPF Competitive Strengths & Weaknesses

### **7.2 LPKF Laser & Electronics**

7.2.1 LPKF Laser & Electronics Details

7.2.2 LPKF Laser & Electronics Major Business

7.2.3 LPKF Laser & Electronics Automotive Grade Laser Plastic Welding System Product and Services

7.2.4 LPKF Laser & Electronics Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 LPKF Laser & Electronics Recent Developments/Updates

7.2.6 LPKF Laser & Electronics Competitive Strengths & Weaknesses

### **7.3 Panasonic**

7.3.1 Panasonic Details

7.3.2 Panasonic Major Business

7.3.3 Panasonic Automotive Grade Laser Plastic Welding System Product and Services

7.3.4 Panasonic Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Panasonic Recent Developments/Updates

7.3.6 Panasonic Competitive Strengths & Weaknesses

### **7.4 Jenoptik**

7.4.1 Jenoptik Details

7.4.2 Jenoptik Major Business

7.4.3 Jenoptik Automotive Grade Laser Plastic Welding System Product and Services

7.4.4 Jenoptik Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Jenoptik Recent Developments/Updates

7.4.6 Jenoptik Competitive Strengths & Weaknesses

## 7.5 Scantech Laser

### 7.5.1 Scantech Laser Details

### 7.5.2 Scantech Laser Major Business

### 7.5.3 Scantech Laser Automotive Grade Laser Plastic Welding System Product and Services

### 7.5.4 Scantech Laser Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.5.5 Scantech Laser Recent Developments/Updates

### 7.5.6 Scantech Laser Competitive Strengths & Weaknesses

## 7.6 EVLASER SRL

### 7.6.1 EVLASER SRL Details

### 7.6.2 EVLASER SRL Major Business

### 7.6.3 EVLASER SRL Automotive Grade Laser Plastic Welding System Product and Services

### 7.6.4 EVLASER SRL Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.6.5 EVLASER SRL Recent Developments/Updates

### 7.6.6 EVLASER SRL Competitive Strengths & Weaknesses

## 7.7 Dukane

### 7.7.1 Dukane Details

### 7.7.2 Dukane Major Business

### 7.7.3 Dukane Automotive Grade Laser Plastic Welding System Product and Services

### 7.7.4 Dukane Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.7.5 Dukane Recent Developments/Updates

### 7.7.6 Dukane Competitive Strengths & Weaknesses

## 7.8 uwlaser

### 7.8.1 uwlaser Details

### 7.8.2 uwlaser Major Business

### 7.8.3 uwlaser Automotive Grade Laser Plastic Welding System Product and Services

### 7.8.4 uwlaser Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.8.5 uwlaser Recent Developments/Updates

### 7.8.6 uwlaser Competitive Strengths & Weaknesses

## 7.9 IPTE Factory Automation

### 7.9.1 IPTE Factory Automation Details

### 7.9.2 IPTE Factory Automation Major Business

### 7.9.3 IPTE Factory Automation Automotive Grade Laser Plastic Welding System Product and Services

7.9.4 IPTE Factory Automation Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 IPTE Factory Automation Recent Developments/Updates

7.9.6 IPTE Factory Automation Competitive Strengths & Weaknesses

7.10 SONIMAT

7.10.1 SONIMAT Details

7.10.2 SONIMAT Major Business

7.10.3 SONIMAT Automotive Grade Laser Plastic Welding System Product and Services

7.10.4 SONIMAT Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 SONIMAT Recent Developments/Updates

7.10.6 SONIMAT Competitive Strengths & Weaknesses

7.11 Coherent

7.11.1 Coherent Details

7.11.2 Coherent Major Business

7.11.3 Coherent Automotive Grade Laser Plastic Welding System Product and Services

7.11.4 Coherent Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 Coherent Recent Developments/Updates

7.11.6 Coherent Competitive Strengths & Weaknesses

7.12 Emerson

7.12.1 Emerson Details

7.12.2 Emerson Major Business

7.12.3 Emerson Automotive Grade Laser Plastic Welding System Product and Services

7.12.4 Emerson Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 Emerson Recent Developments/Updates

7.12.6 Emerson Competitive Strengths & Weaknesses

7.13 Nippon Avionics

7.13.1 Nippon Avionics Details

7.13.2 Nippon Avionics Major Business

7.13.3 Nippon Avionics Automotive Grade Laser Plastic Welding System Product and Services

7.13.4 Nippon Avionics Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 Nippon Avionics Recent Developments/Updates

- 7.13.6 Nippon Avionics Competitive Strengths & Weaknesses
- 7.14 bielomatik
  - 7.14.1 bielomatik Details
  - 7.14.2 bielomatik Major Business
  - 7.14.3 bielomatik Automotive Grade Laser Plastic Welding System Product and Services
  - 7.14.4 bielomatik Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.14.5 bielomatik Recent Developments/Updates
  - 7.14.6 bielomatik Competitive Strengths & Weaknesses
- 7.15 Leister Technologies
  - 7.15.1 Leister Technologies Details
  - 7.15.2 Leister Technologies Major Business
  - 7.15.3 Leister Technologies Automotive Grade Laser Plastic Welding System Product and Services
  - 7.15.4 Leister Technologies Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.15.5 Leister Technologies Recent Developments/Updates
  - 7.15.6 Leister Technologies Competitive Strengths & Weaknesses
- 7.16 Control Micro Systems
  - 7.16.1 Control Micro Systems Details
  - 7.16.2 Control Micro Systems Major Business
  - 7.16.3 Control Micro Systems Automotive Grade Laser Plastic Welding System Product and Services
  - 7.16.4 Control Micro Systems Automotive Grade Laser Plastic Welding System Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.16.5 Control Micro Systems Recent Developments/Updates
  - 7.16.6 Control Micro Systems Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Automotive Grade Laser Plastic Welding System Industry Chain
- 8.2 Automotive Grade Laser Plastic Welding System Upstream Analysis
  - 8.2.1 Automotive Grade Laser Plastic Welding System Core Raw Materials
  - 8.2.2 Main Manufacturers of Automotive Grade Laser Plastic Welding System Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Automotive Grade Laser Plastic Welding System Production Mode

8.6 Automotive Grade Laser Plastic Welding System Procurement Model

8.7 Automotive Grade Laser Plastic Welding System Industry Sales Model and Sales Channels

8.7.1 Automotive Grade Laser Plastic Welding System Sales Model

8.7.2 Automotive Grade Laser Plastic Welding System Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer



## List Of Tables

### LIST OF TABLES

Table 1. World Automotive Grade Laser Plastic Welding System Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Automotive Grade Laser Plastic Welding System Production Value by Region (2018-2023) & (USD Million)

Table 3. World Automotive Grade Laser Plastic Welding System Production Value by Region (2024-2029) & (USD Million)

Table 4. World Automotive Grade Laser Plastic Welding System Production Value Market Share by Region (2018-2023)

Table 5. World Automotive Grade Laser Plastic Welding System Production Value Market Share by Region (2024-2029)

Table 6. World Automotive Grade Laser Plastic Welding System Production by Region (2018-2023) & (K Units)

Table 7. World Automotive Grade Laser Plastic Welding System Production by Region (2024-2029) & (K Units)

Table 8. World Automotive Grade Laser Plastic Welding System Production Market Share by Region (2018-2023)

Table 9. World Automotive Grade Laser Plastic Welding System Production Market Share by Region (2024-2029)

Table 10. World Automotive Grade Laser Plastic Welding System Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Automotive Grade Laser Plastic Welding System Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Automotive Grade Laser Plastic Welding System Major Market Trends

Table 13. World Automotive Grade Laser Plastic Welding System Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Automotive Grade Laser Plastic Welding System Consumption by Region (2018-2023) & (K Units)

Table 15. World Automotive Grade Laser Plastic Welding System Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Automotive Grade Laser Plastic Welding System Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Automotive Grade Laser Plastic Welding System Producers in 2022

Table 18. World Automotive Grade Laser Plastic Welding System Production by Manufacturer (2018-2023) & (K Units)



Table 19. Production Market Share of Key Automotive Grade Laser Plastic Welding System Producers in 2022

Table 20. World Automotive Grade Laser Plastic Welding System Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Automotive Grade Laser Plastic Welding System Company Evaluation Quadrant

Table 22. World Automotive Grade Laser Plastic Welding System Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Automotive Grade Laser Plastic Welding System Production Site of Key Manufacturer

Table 24. Automotive Grade Laser Plastic Welding System Market: Company Product Type Footprint

Table 25. Automotive Grade Laser Plastic Welding System Market: Company Product Application Footprint

Table 26. Automotive Grade Laser Plastic Welding System Competitive Factors

Table 27. Automotive Grade Laser Plastic Welding System New Entrant and Capacity Expansion Plans

Table 28. Automotive Grade Laser Plastic Welding System Mergers & Acquisitions Activity

Table 29. United States VS China Automotive Grade Laser Plastic Welding System Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Automotive Grade Laser Plastic Welding System Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Automotive Grade Laser Plastic Welding System Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Automotive Grade Laser Plastic Welding System Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Automotive Grade Laser Plastic Welding System Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Automotive Grade Laser Plastic Welding System Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Automotive Grade Laser Plastic Welding System Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Automotive Grade Laser Plastic Welding System Production Market Share (2018-2023)

Table 37. China Based Automotive Grade Laser Plastic Welding System Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Automotive Grade Laser Plastic Welding System Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Automotive Grade Laser Plastic Welding System Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Automotive Grade Laser Plastic Welding System Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Automotive Grade Laser Plastic Welding System Production Market Share (2018-2023)

Table 42. Rest of World Based Automotive Grade Laser Plastic Welding System Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Automotive Grade Laser Plastic Welding System Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Automotive Grade Laser Plastic Welding System Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Automotive Grade Laser Plastic Welding System Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Automotive Grade Laser Plastic Welding System Production Market Share (2018-2023)

Table 47. World Automotive Grade Laser Plastic Welding System Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Automotive Grade Laser Plastic Welding System Production by Type (2018-2023) & (K Units)

Table 49. World Automotive Grade Laser Plastic Welding System Production by Type (2024-2029) & (K Units)

Table 50. World Automotive Grade Laser Plastic Welding System Production Value by Type (2018-2023) & (USD Million)

Table 51. World Automotive Grade Laser Plastic Welding System Production Value by Type (2024-2029) & (USD Million)

Table 52. World Automotive Grade Laser Plastic Welding System Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Automotive Grade Laser Plastic Welding System Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Automotive Grade Laser Plastic Welding System Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Automotive Grade Laser Plastic Welding System Production by Application (2018-2023) & (K Units)

Table 56. World Automotive Grade Laser Plastic Welding System Production by Application (2024-2029) & (K Units)

Table 57. World Automotive Grade Laser Plastic Welding System Production Value by Application (2018-2023) & (USD Million)

Table 58. World Automotive Grade Laser Plastic Welding System Production Value by

Application (2024-2029) & (USD Million)

Table 59. World Automotive Grade Laser Plastic Welding System Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Automotive Grade Laser Plastic Welding System Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. TRUMPF Basic Information, Manufacturing Base and Competitors

Table 62. TRUMPF Major Business

Table 63. TRUMPF Automotive Grade Laser Plastic Welding System Product and Services

Table 64. TRUMPF Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. TRUMPF Recent Developments/Updates

Table 66. TRUMPF Competitive Strengths & Weaknesses

Table 67. LPKF Laser & Electronics Basic Information, Manufacturing Base and Competitors

Table 68. LPKF Laser & Electronics Major Business

Table 69. LPKF Laser & Electronics Automotive Grade Laser Plastic Welding System Product and Services

Table 70. LPKF Laser & Electronics Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. LPKF Laser & Electronics Recent Developments/Updates

Table 72. LPKF Laser & Electronics Competitive Strengths & Weaknesses

Table 73. Panasonic Basic Information, Manufacturing Base and Competitors

Table 74. Panasonic Major Business

Table 75. Panasonic Automotive Grade Laser Plastic Welding System Product and Services

Table 76. Panasonic Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Panasonic Recent Developments/Updates

Table 78. Panasonic Competitive Strengths & Weaknesses

Table 79. Jenoptik Basic Information, Manufacturing Base and Competitors

Table 80. Jenoptik Major Business

Table 81. Jenoptik Automotive Grade Laser Plastic Welding System Product and Services

Table 82. Jenoptik Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market

Share (2018-2023)

Table 83. Jenoptik Recent Developments/Updates

Table 84. Jenoptik Competitive Strengths & Weaknesses

Table 85. Scantech Laser Basic Information, Manufacturing Base and Competitors

Table 86. Scantech Laser Major Business

Table 87. Scantech Laser Automotive Grade Laser Plastic Welding System Product and Services

Table 88. Scantech Laser Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Scantech Laser Recent Developments/Updates

Table 90. Scantech Laser Competitive Strengths & Weaknesses

Table 91. EVLASER SRL Basic Information, Manufacturing Base and Competitors

Table 92. EVLASER SRL Major Business

Table 93. EVLASER SRL Automotive Grade Laser Plastic Welding System Product and Services

Table 94. EVLASER SRL Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. EVLASER SRL Recent Developments/Updates

Table 96. EVLASER SRL Competitive Strengths & Weaknesses

Table 97. Dukane Basic Information, Manufacturing Base and Competitors

Table 98. Dukane Major Business

Table 99. Dukane Automotive Grade Laser Plastic Welding System Product and Services

Table 100. Dukane Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Dukane Recent Developments/Updates

Table 102. Dukane Competitive Strengths & Weaknesses

Table 103. uwlaser Basic Information, Manufacturing Base and Competitors

Table 104. uwlaser Major Business

Table 105. uwlaser Automotive Grade Laser Plastic Welding System Product and Services

Table 106. uwlaser Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. uwlaser Recent Developments/Updates

Table 108. uwlaser Competitive Strengths & Weaknesses

Table 109. IPTE Factory Automation Basic Information, Manufacturing Base and Competitors

Table 110. IPTE Factory Automation Major Business

Table 111. IPTE Factory Automation Automotive Grade Laser Plastic Welding System Product and Services

Table 112. IPTE Factory Automation Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. IPTE Factory Automation Recent Developments/Updates

Table 114. IPTE Factory Automation Competitive Strengths & Weaknesses

Table 115. SONIMAT Basic Information, Manufacturing Base and Competitors

Table 116. SONIMAT Major Business

Table 117. SONIMAT Automotive Grade Laser Plastic Welding System Product and Services

Table 118. SONIMAT Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. SONIMAT Recent Developments/Updates

Table 120. SONIMAT Competitive Strengths & Weaknesses

Table 121. Coherent Basic Information, Manufacturing Base and Competitors

Table 122. Coherent Major Business

Table 123. Coherent Automotive Grade Laser Plastic Welding System Product and Services

Table 124. Coherent Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Coherent Recent Developments/Updates

Table 126. Coherent Competitive Strengths & Weaknesses

Table 127. Emerson Basic Information, Manufacturing Base and Competitors

Table 128. Emerson Major Business

Table 129. Emerson Automotive Grade Laser Plastic Welding System Product and Services

Table 130. Emerson Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Emerson Recent Developments/Updates

Table 132. Emerson Competitive Strengths & Weaknesses

Table 133. Nippon Avionics Basic Information, Manufacturing Base and Competitors

Table 134. Nippon Avionics Major Business



Table 135. Nippon Avionics Automotive Grade Laser Plastic Welding System Product and Services

Table 136. Nippon Avionics Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Nippon Avionics Recent Developments/Updates

Table 138. Nippon Avionics Competitive Strengths & Weaknesses

Table 139. bielomatik Basic Information, Manufacturing Base and Competitors

Table 140. bielomatik Major Business

Table 141. bielomatik Automotive Grade Laser Plastic Welding System Product and Services

Table 142. bielomatik Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. bielomatik Recent Developments/Updates

Table 144. bielomatik Competitive Strengths & Weaknesses

Table 145. Leister Technologies Basic Information, Manufacturing Base and Competitors

Table 146. Leister Technologies Major Business

Table 147. Leister Technologies Automotive Grade Laser Plastic Welding System Product and Services

Table 148. Leister Technologies Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. Leister Technologies Recent Developments/Updates

Table 150. Control Micro Systems Basic Information, Manufacturing Base and Competitors

Table 151. Control Micro Systems Major Business

Table 152. Control Micro Systems Automotive Grade Laser Plastic Welding System Product and Services

Table 153. Control Micro Systems Automotive Grade Laser Plastic Welding System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 154. Global Key Players of Automotive Grade Laser Plastic Welding System Upstream (Raw Materials)

Table 155. Automotive Grade Laser Plastic Welding System Typical Customers

Table 156. Automotive Grade Laser Plastic Welding System Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Automotive Grade Laser Plastic Welding System Picture

Figure 2. World Automotive Grade Laser Plastic Welding System Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Automotive Grade Laser Plastic Welding System Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Automotive Grade Laser Plastic Welding System Production (2018-2029) & (K Units)

Figure 5. World Automotive Grade Laser Plastic Welding System Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Automotive Grade Laser Plastic Welding System Production Value Market Share by Region (2018-2029)

Figure 7. World Automotive Grade Laser Plastic Welding System Production Market Share by Region (2018-2029)

Figure 8. North America Automotive Grade Laser Plastic Welding System Production (2018-2029) & (K Units)

Figure 9. Europe Automotive Grade Laser Plastic Welding System Production (2018-2029) & (K Units)

Figure 10. China Automotive Grade Laser Plastic Welding System Production (2018-2029) & (K Units)

Figure 11. Japan Automotive Grade Laser Plastic Welding System Production (2018-2029) & (K Units)

Figure 12. Automotive Grade Laser Plastic Welding System Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Automotive Grade Laser Plastic Welding System Consumption (2018-2029) & (K Units)

Figure 15. World Automotive Grade Laser Plastic Welding System Consumption Market Share by Region (2018-2029)

Figure 16. United States Automotive Grade Laser Plastic Welding System Consumption (2018-2029) & (K Units)

Figure 17. China Automotive Grade Laser Plastic Welding System Consumption (2018-2029) & (K Units)

Figure 18. Europe Automotive Grade Laser Plastic Welding System Consumption (2018-2029) & (K Units)

Figure 19. Japan Automotive Grade Laser Plastic Welding System Consumption (2018-2029) & (K Units)



- Figure 20. South Korea Automotive Grade Laser Plastic Welding System Consumption (2018-2029) & (K Units)
- Figure 21. ASEAN Automotive Grade Laser Plastic Welding System Consumption (2018-2029) & (K Units)
- Figure 22. India Automotive Grade Laser Plastic Welding System Consumption (2018-2029) & (K Units)
- Figure 23. Producer Shipments of Automotive Grade Laser Plastic Welding System by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 24. Global Four-firm Concentration Ratios (CR4) for Automotive Grade Laser Plastic Welding System Markets in 2022
- Figure 25. Global Four-firm Concentration Ratios (CR8) for Automotive Grade Laser Plastic Welding System Markets in 2022
- Figure 26. United States VS China: Automotive Grade Laser Plastic Welding System Production Value Market Share Comparison (2018 & 2022 & 2029)
- Figure 27. United States VS China: Automotive Grade Laser Plastic Welding System Production Market Share Comparison (2018 & 2022 & 2029)
- Figure 28. United States VS China: Automotive Grade Laser Plastic Welding System Consumption Market Share Comparison (2018 & 2022 & 2029)
- Figure 29. United States Based Manufacturers Automotive Grade Laser Plastic Welding System Production Market Share 2022
- Figure 30. China Based Manufacturers Automotive Grade Laser Plastic Welding System Production Market Share 2022
- Figure 31. Rest of World Based Manufacturers Automotive Grade Laser Plastic Welding System Production Market Share 2022
- Figure 32. World Automotive Grade Laser Plastic Welding System Production Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 33. World Automotive Grade Laser Plastic Welding System Production Value Market Share by Type in 2022
- Figure 34. Transmission Laser Welding System
- Figure 35. Absorption Laser Welding System
- Figure 36. Others
- Figure 37. World Automotive Grade Laser Plastic Welding System Production Market Share by Type (2018-2029)
- Figure 38. World Automotive Grade Laser Plastic Welding System Production Value Market Share by Type (2018-2029)
- Figure 39. World Automotive Grade Laser Plastic Welding System Average Price by Type (2018-2029) & (US\$/Unit)
- Figure 40. World Automotive Grade Laser Plastic Welding System Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Automotive Grade Laser Plastic Welding System Production Value Market Share by Application in 2022

Figure 42. Interior Components

Figure 43. Electrical Components

Figure 44. Fuel System Components

Figure 45. Others

Figure 46. World Automotive Grade Laser Plastic Welding System Production Market Share by Application (2018-2029)

Figure 47. World Automotive Grade Laser Plastic Welding System Production Value Market Share by Application (2018-2029)

Figure 48. World Automotive Grade Laser Plastic Welding System Average Price by Application (2018-2029) & (US\$/Unit)

Figure 49. Automotive Grade Laser Plastic Welding System Industry Chain

Figure 50. Automotive Grade Laser Plastic Welding System Procurement Model

Figure 51. Automotive Grade Laser Plastic Welding System Sales Model

Figure 52. Automotive Grade Laser Plastic Welding System Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

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