

# Global Ultrasonic Metal Welding Market Data Survey Report 2015-2025

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## Abstracts

### SUMMARY

Ultrasonic Metal Welding Machine is an industrial technique whereby high-frequency ultrasonic acoustic vibrations are locally applied to work pieces being held together under pressure to create a solid-state weld. Ultrasonic Metal Welding is a unique process that has typically been limited to applications involving softer, high conductivity alloys. Skipping over the physics and metallurgy of the process; let's just say that high-frequency vibrations are transferred to the work pieces via a set of ultrasonic tools to create a solid-state bond. For welding softer materials, like aluminum and copper, these ultrasonic tools are typically made of hardened tool steel. However, it has been found over and over that it is also possible to ultrasonically weld higher-strength alloys, including Stainless Steel, Titanium Alloys, Nickel-based super alloys, Advanced High Strength Steels, and Molybdenum, to mention a few.

The global Ultrasonic Metal Welding market will reach xxx Million USD in 2020 with CAGR xx% 2020-2025. The main contents of the report including:

Global market size and forecast

Regional market size, production data and export & import

Key manufacturers profile, products & services, sales data of business

Global market size by Major End-Use

Global market size by Major Type

Key manufacturers are included based on company profile, sales data and product specifications etc.:

EMERSON

TELSONIC

SCHUNK

SONICS

VETRON

Forward Sonic Tech

Shallwin

MECASONIC

Chuxin

Sonobond

Major applications as follows:

Electronics

Aerospace & Automotive

Life Sciences & Medical

Power

Others

Major Type as follows:

Spot Ultrasonic Metal Welder

Wire Splicing Ultrasonic Metal Welder

Regional market size, production data and export & import:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

## Contents

### 1 GLOBAL MARKET OVERVIEW

#### 1.1 Scope of Statistics

1.1.1 Scope of Products

1.1.2 Scope of Manufacturers

1.1.3 Scope of End-Use

1.1.4 Scope of Product Type

1.1.5 Scope of Regions/Countries

#### 1.2 Global Market Size

Fig Global Ultrasonic Metal Welding Market Size and CAGR 2015-2019 (Million USD)

Fig Global Ultrasonic Metal Welding Market Size and CAGR 2015-2019 (Volume)

Fig Global Ultrasonic Metal Welding Market Forecast and CAGR 2020-2025 (Million USD)

Fig Global Ultrasonic Metal Welding Market Forecast and CAGR 2020-2025 (Volume)

### 2 REGIONAL MARKET

#### 2.1 Regional Sales

Tab Regional Sales Revenue 2015-2019 (Million USD)

Tab Regional Sales Volume 2015-2019 (Volume)

#### 2.2 Regional Demand

Tab Regional Demand and CAGR List 2015-2019 (Million USD)

Tab Regional Demand and CAGR List 2015-2019 (Volume)

Tab Regional Demand Forecast and CAGR 2020-2025 (Million USD)

Tab Regional Demand Forecast and CAGR 2020-2025 (Volume)

#### 2.3 Regional Trade

Tab Regional Export 2015-2019 (Million USD)

Tab Regional Export 2015-2019 (Volume)

Tab Regional Import 2015-2019 (Million USD)

Tab Regional Import 2015-2019 (Volume)

### 3 KEY MANUFACTURERS

#### 3.1 EMERSON

3.1.1 Company Information

Tab Company Profile List of EMERSON

3.1.2 Product & Services

3.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)  
Tab Sales Revenue, Sales Volume, Price, Cost and Margin of EMERSON

3.1.4 Recent Development

### 3.2 TELSONIC

3.2.1 Company Information

Tab Company Profile List of TELSONIC

3.2.2 Product & Services

3.2.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of TELSONIC

3.2.4 Recent Development

### 3.3 SCHUNK

3.3.1 Company Information

Tab Company Profile List of SCHUNK

3.3.2 Product & Services

3.3.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of SCHUNK

3.3.4 Recent Development

### 3.4 SONICS

3.4.1 Company Information

Tab Company Profile List of SONICS

3.4.2 Product & Services

3.4.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of SONICS

3.4.4 Recent Development

### 3.5 VETRON

3.5.1 Company Information

Tab Company Profile List of VETRON

3.5.2 Product & Services

3.5.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of VETRON

3.5.4 Recent Development

### 3.6 Forward Sonic Tech

3.6.1 Company Information

Tab Company Profile List of Forward Sonic Tech

3.6.2 Product & Services

3.6.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Forward Sonic Tech

3.6.4 Recent Development

### 3.7 Shallwin

### 3.7.1 Company Information

Tab Company Profile List of Shallwin

### 3.7.2 Product & Services

### 3.7.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Shallwin

### 3.7.4 Recent Development

## 3.8 MECASONIC

### 3.8.1 Company Information

Tab Company Profile List of MECASONIC

### 3.8.2 Product & Services

### 3.8.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of MECASONIC

### 3.8.4 Recent Development

## 3.9 Chuxin

### 3.9.1 Company Information

Tab Company Profile List of Chuxin

### 3.9.2 Product & Services

### 3.9.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Chuxin

## 3.10 Sonobond

### 3.10.1 Company Information

Tab Company Profile List of Sonobond

### 3.10.2 Product & Services

### 3.10.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Sonobond

## 4 MAJOR END-USE

### 4.1 Electronics

#### 4.1.1 Overview

Tab Summary of Consumption Distribution of Electronics

#### 4.1.2 Electronics Market Size and Forecast

Fig Electronics Market Size and CAGR 2015-2019 (Million USD)

Fig Electronics Market Size and CAGR 2015-2019 (Volume)

Fig Electronics Market Forecast and CAGR 2020-2025 (Million USD)

Fig Electronics Market Forecast and CAGR 2020-2025 (Volume)

### 4.2 Aerospace & Automotive

#### 4.2.1 Overview

Tab Summary of Consumption Distribution of Aerospace & Automotive

#### 4.2.2 Aerospace & Automotive Market Size and Forecast

Fig Aerospace & Automotive Market Size and CAGR 2015-2019 (Million USD)

Fig Aerospace & Automotive Market Size and CAGR 2015-2019 (Volume)

Fig Aerospace & Automotive Market Forecast and CAGR 2020-2025 (Million USD)

Fig Aerospace & Automotive Market Forecast and CAGR 2020-2025 (Volume)

#### 4.3 Life Sciences & Medical

##### 4.3.1 Overview

Tab Summary of Consumption Distribution of Life Sciences & Medical

##### 4.3.2 Life Sciences & Medical Market Size and Forecast

Fig Life Sciences & Medical Market Size and CAGR 2015-2019 (Million USD)

Fig Life Sciences & Medical Market Size and CAGR 2015-2019 (Volume)

Fig Life Sciences & Medical Market Forecast and CAGR 2020-2025 (Million USD)

Fig Life Sciences & Medical Market Forecast and CAGR 2020-2025 (Volume)

#### 4.4 Power

##### 4.4.1 Overview

Tab Summary of Consumption Distribution of Power

##### 4.4.2 Power Market Size and Forecast

Fig Power Market Size and CAGR 2015-2019 (Million USD)

Fig Power Market Size and CAGR 2015-2019 (Volume)

Fig Power Market Forecast and CAGR 2020-2025 (Million USD)

Fig Power Market Forecast and CAGR 2020-2025 (Volume)

#### 4.5 Others

##### 4.5.1 Overview

Tab Summary of Consumption Distribution of Others

##### 4.5.2 Others Market Size and Forecast

Fig Others Market Size and CAGR 2015-2019 (Million USD)

Fig Others Market Size and CAGR 2015-2019 (Volume)

Fig Others Market Forecast and CAGR 2020-2025 (Million USD)

Fig Others Market Forecast and CAGR 2020-2025 (Volume)

## 5 MARKET BY TYPE

### 5.1 Spot Ultrasonic Metal Welder

#### 5.1.1 Overview

Tab Product Overview of Spot Ultrasonic Metal Welder

#### 5.1.2 Spot Ultrasonic Metal Welder Market Size and Forecast

Fig Spot Ultrasonic Metal Welder Market Size and CAGR 2015-2019 (Million USD)

Fig Spot Ultrasonic Metal Welder Market Size and CAGR 2015-2019 (Volume)

Fig Spot Ultrasonic Metal Welder Market Forecast and CAGR 2020-2025 (Million USD)

Fig Spot Ultrasonic Metal Welder Market Forecast and CAGR 2020-2025 (Volume)

5.2 Wire Splicing Ultrasonic Metal Welder

5.2.1 Overview

Tab Product Overview of Wire Splicing Ultrasonic Metal Welder

5.2.2 Wire Splicing Ultrasonic Metal Welder Market Size and Forecast

Fig Wire Splicing Ultrasonic Metal Welder Market Size and CAGR 2015-2019 (Million USD)

Fig Wire Splicing Ultrasonic Metal Welder Market Size and CAGR 2015-2019 (Volume)

Fig Wire Splicing Ultrasonic Metal Welder Market Forecast and CAGR 2020-2025 (Million USD)

Fig Wire Splicing Ultrasonic Metal Welder Market Forecast and CAGR 2020-2025 (Volume)

## **6 PRICE OVERVIEW**

6.1 Price by Manufacturers

Tab Different Products Prices List of Major Manufacturers

6.2 Price by End-Use

Tab Different Products Prices List of End-Use

6.3 Price by Type

Tab Different Products Prices List of Product Type

## **7 CONCLUSION**



## List Of Tables

### LIST OF TABLES

- Tab Regional Sales Revenue 2015-2019 (Million USD)
- Tab Regional Sales Volume 2015-2019 (Volume)
- Tab Regional Demand and CAGR List 2015-2019 (Million USD)
- Tab Regional Demand and CAGR List 2015-2019 (Volume)
- Tab Regional Demand Forecast and CAGR 2020-2025 (Million USD)
- Tab Regional Demand Forecast and CAGR 2020-2025 (Volume)
- Tab Regional Export 2015-2019 (Million USD)
- Tab Regional Export 2015-2019 (Volume)
- Tab Regional Import 2015-2019 (Million USD)
- Tab Regional Import 2015-2019 (Volume)
- Tab Company Profile List of EMERSON
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of EMERSON
- Tab Company Profile List of TELSONIC
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of TELSONIC
- Tab Company Profile List of SCHUNK
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of SCHUNK
- Tab Company Profile List of SONICS
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of SONICS
- Tab Company Profile List of VETRON
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of VETRON
- Tab Company Profile List of Forward Sonic Tech
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Forward Sonic Tech
- Tab Company Profile List of Shallwin
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Shallwin
- Tab Company Profile List of MECASONIC
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of MECASONIC
- Tab Company Profile List of Chuxin
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Chuxin
- Tab Company Profile List of Sonobond
- Tab Sales Revenue, Sales Volume, Price, Cost and Margin of Sonobond
- Tab Summary of Consumption Distribution of Electronics
- Tab Summary of Consumption Distribution of Aerospace & Automotive
- Tab Summary of Consumption Distribution of Life Sciences & Medical
- Tab Summary of Consumption Distribution of Power
- Tab Summary of Consumption Distribution of Others

- Tab Product Overview of Spot Ultrasonic Metal Welder
- Tab Product Overview of Wire Splicing Ultrasonic Metal Welder
- Tab Different Products Prices List of Major Manufacturers
- Tab Different Products Prices List of End-Use
- Tab Different Products Prices List of Product Type

## List Of Figures

### LIST OF FIGURES

Fig Global Ultrasonic Metal Welding Market Size and CAGR 2015-2019 (Million USD)

Fig Global Ultrasonic Metal Welding Market Size and CAGR 2015-2019 (Volume)

Fig Global Ultrasonic Metal Welding Market Forecast and CAGR 2020-2025 (Million USD)

Fig Global Ultrasonic Metal Welding Market Forecast and CAGR 2020-2025 (Volume)

Fig Electronics Market Size and CAGR 2015-2019 (Million USD)

Fig Electronics Market Size and CAGR 2015-2019 (Volume)

Fig Electronics Market Forecast and CAGR 2020-2025 (Million USD)

Fig Electronics Market Forecast and CAGR 2020-2025 (Volume)

Fig Aerospace & Automotive Market Size and CAGR 2015-2019 (Million USD)

Fig Aerospace & Automotive Market Size and CAGR 2015-2019 (Volume)

Fig Aerospace & Automotive Market Forecast and CAGR 2020-2025 (Million USD)

Fig Aerospace & Automotive Market Forecast and CAGR 2020-2025 (Volume)

Fig Life Sciences & Medical Market Size and CAGR 2015-2019 (Million USD)

Fig Life Sciences & Medical Market Size and CAGR 2015-2019 (Volume)

Fig Life Sciences & Medical Market Forecast and CAGR 2020-2025 (Million USD)

Fig Life Sciences & Medical Market Forecast and CAGR 2020-2025 (Volume)

Fig Power Market Size and CAGR 2015-2019 (Million USD)

Fig Power Market Size and CAGR 2015-2019 (Volume)

Fig Power Market Forecast and CAGR 2020-2025 (Million USD)

Fig Power Market Forecast and CAGR 2020-2025 (Volume)

Fig Others Market Size and CAGR 2015-2019 (Million USD)

Fig Others Market Size and CAGR 2015-2019 (Volume)

Fig Others Market Forecast and CAGR 2020-2025 (Million USD)

Fig Others Market Forecast and CAGR 2020-2025 (Volume)

Fig Spot Ultrasonic Metal Welder Market Size and CAGR 2015-2019 (Million USD)

Fig Spot Ultrasonic Metal Welder Market Size and CAGR 2015-2019 (Volume)

Fig Spot Ultrasonic Metal Welder Market Forecast and CAGR 2020-2025 (Million USD)

Fig Spot Ultrasonic Metal Welder Market Forecast and CAGR 2020-2025 (Volume)

Fig Wire Splicing Ultrasonic Metal Welder Market Size and CAGR 2015-2019 (Million USD)

Fig Wire Splicing Ultrasonic Metal Welder Market Size and CAGR 2015-2019 (Volume)

Fig Wire Splicing Ultrasonic Metal Welder Market Forecast and CAGR 2020-2025 (Million USD)

Fig Wire Splicing Ultrasonic Metal Welder Market Forecast and CAGR 2020-2025

(Volume)

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