

Global Ultrasonic Metal Welding Market by Manufacturers, Regions, Type and Application, Forecast to 2021

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Abstracts

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.

SCOPE OF THE REPORT:

This report focuses on the Ultrasonic Metal Welding in Global market, especially in North America, Europe and Asia-Pacific, Latin America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Market Segment by Manufacturers, this report covers

EMERSON

TELSONIC

SCHUNK

SONICS

VETRON

Forward Sonic Tech

Shallwin

MECASONIC

Chuxin

Sonobond

Market Segment by Regions, regional analysis covers

North America (USA, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

Latin America, Middle East and Africa

Market Segment by Type, covers

Spot Ultrasonic Metal Welder

Wire Splicing Ultrasonic Metal Welder

Market Segment by Applications, can be divided into

Electronics

Aerospace & Automotive

Life Sciences & Medical

Power

Others

There are 13 Chapters to deeply display the global Ultrasonic Metal Welding market.

Chapter 1, to describe Ultrasonic Metal Welding Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Ultrasonic Metal Welding, with sales, revenue, and price of Ultrasonic Metal Welding, in 2015 and 2016;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2015 and 2016;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Ultrasonic Metal Welding, for each region, from 2011 to 2016;

Chapter 5, 6, 7 and 8, to analyze the key regions, with sales, revenue and market share by key countries in these regions;

Chapter 9 and 10, to show the market by type and application, with sales market share and growth rate by type, application, from 2011 to 2016;

Chapter 11, Ultrasonic Metal Welding market forecast, by regions, type and application, with sales and revenue, from 2016 to 2021;

Chapter 12 and 13, to describe Ultrasonic Metal Welding sales channel, distributors, traders, dealers, appendix and data source.

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