

Global Friction Stir Welding Equipment Market by Manufacturers, Countries, Type and Application, Forecast to 2022

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Abstracts

Friction stir welding (FSW) is a solid-state joining process that uses a non-consumable tool to join two facing workpieces without melting the workpiece material. Heat is generated by friction between the rotating tool and the workpiece material, which leads to a softened region near the FSW tool. While the tool is traversed along the joint line, it mechanically intermixes the two pieces of metal, and forges the hot and softened metal by the mechanical pressure, which is applied by the tool, much like joining clay, or dough. It is primarily used on wrought or extruded aluminium and particularly for structures which need very high weld strength.

Scope of the Report:

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

Market Segment by Manufacturers, this report covers

ESAB

Beijing FSW

PaR Systems

Hitachi



General Tool Company

	PTG	
	Nitto Seiki	
	BTI	
	Sooncable	
	Gatwick	
	ETA Technology	
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)	
	South America (Brazil, Argentina, Columbia etc.)	
	Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)	
Market Segment by Type, covers		
	Desktop Equipment	
	Gantry Equipment	
	Others	

Market Segment by Applications, can be divided into



Aerospace		
Automotive		
Shipbuilding		
Railways		
Others		
There are 15 Chapters to deeply display the global Friction Stir Welding Equipment market.		
Chapter 1, to describe Friction Stir Welding Equipment Introduction, product scope, market overview, market opportunities, market risk, market driving force;		

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 2, to analyze the top manufacturers of Friction Stir Welding Equipment, with

sales, revenue, and price of Friction Stir Welding Equipment, in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Friction Stir Welding Equipment, for each region, from 2012 to 2017;

Chapter 5, 6, 7, 8 and 9, to analyze the key regions, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2012 to 2017;

Chapter 12, Friction Stir Welding Equipment market forecast, by regions, type and application, with sales and revenue, from 2017 to 2022;

Chapter 13, 14 and 15, to describe Friction Stir Welding Equipment sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source



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