

Global Electron Beam Welding Machine Market Research and Analysis, 2015-2022

<https://marketpublishers.com/r/GCFB03F7228EN.html>

Date: January 2019

Pages: 0

Price: US\$ 3,495.00 (Single User License)

ID: GCFB03F7228EN

Abstracts

Global Electron Beam Welding (EBW) machine market is growing impressively with a CAGR 7.6% during 2016-2022. The welding quality, accuracy, and efficiency are major advantages of electron beam welding machines. Automobile and Aerospace are leading end-use market of Electron beam welding machinery. The requirement of machinery parts with great precision and quality tools from various industries are driving the market. A large number of welding need can be fulfilled by EBW for example 1 mm to 300 mm thick sheet can be welded also it can weld very narrow joints with great precision. Minimum distortion & shrinkage is an added advantage of EBW. Innovations and technological developments in EBW machine and components are driving the market.

North America is the largest market for the EBW machines however, APAC is the fastest growing market for EBW machine and technologies. Emerging economies such as China, India, Korea and Taiwan are expected to contribute significantly to the growth of EBW machine market. The EBW machine manufacturing market is mainly dominated by the US, Germany, Japan and China. A large number of EBW machine manufacturers are based in the US. Innovation and new product development are key strategy of these manufacturers. As manufacturing capital of the world, China is emerging as a leading EBW market at global level. China is the largest producer of motor vehicles as well as electronic equipment. Automobile and Manufacturing industry in China are the key end user of EBW machines.

The competitive landscape includes key strategies of leading players, recent developments, and key company analysis. Companies profiled in the report are AGS-TECH Inc., Arcam AB, Cambridge Vacuum Engineering, EBTEC Corporation, Electron Beam Engineering, Inc., Elektroweld Automations India Pvt Ltd, Energy Sciences Inc,

Global Beam Technologies AG, Gullco International, Inc., K&D Company, Mitsubishi Electric corporation, PTR-Precision Technologies, Inc., Sciaky, Inc., TETA, The Aviation Industry Corporation of China (AVIC), ULVAC Inc and Wasik Associates Inc.

The report covers:

Comprehensive research methodology of Electron Beam Welding machine market

In-depth analysis of macro and micro factors influencing the market guided by key recommendations.

Analysis of regional regulations and other government policies impacting the global Electron Beam Welding machine market

Insights about market determinants which are stimulating the global Electron Beam Welding machine market

Detailed and extensive market segments with regional distribution of forecasted revenues

Extensive profiles and recent developments of market players

Contents

CHAPTER 1. REPORT SUMMARY

- 1.1. RESEARCH METHODS AND TOOLS
- 1.2. MARKET BREAKDOWN
 - 1.2.1. BY SEGMENTS
 - 1.2.2. BY GEOGRAPHY
 - 1.2.3. BY STAKEHOLDERS

CHAPTER 2. MARKET OVERVIEW AND INSIGHTS

- 2.1. DEFINITION
- 2.2. WELDING MARKET AT A GLANCE
- 2.3. NEW TRENDS & TECHNOLOGIES
- 2.4. ANALYST INSIGHT & CURRENT MARKET TRENDS
 - 2.4.1. KEY FINDINGS
 - 2.4.2. RECOMMENDATION
 - 2.4.3. CONCLUSION

CHAPTER 3. MARKET DETERMINANT

- 3.1. MOTIVATORS
 - 3.1.1. HIGH PRECISION TECHNOLOGIES ARE IN DEMAND
 - 3.1.2. TECHNOLOGICAL ADVANCEMENT AND INNOVATION IN ELECTRON BEAM WELDING MARKET
 - 3.1.3. ELECTRON BEAM WELDING PREFERRED DUE TO MINIMUM DISTORTION AND SHRINKAGE
 - 3.1.4. A WIDE RANGE OF WELDING CAPABILITIES
 - 3.1.5. HIGH WELDING SPEED
 - 3.1.6. AEROSPACE AND AUTOMOBILE ARE DRIVING THE MARKET
- 3.2. RESTRAINT
 - 3.2.1. HIGH INITIAL INVESTMENT REQUIRED
 - 3.2.2. A WIDE RANGE OF ALTERNATIVES
 - 3.2.3. HIGHLY SKILLED OPERATORS ARE REQUIRED
 - 3.2.4. WELDING SIZE LIMITATION
- 3.3. OPPORTUNITY
 - 3.3.1. GROWING APAC REGION IS THE MOST OPPORTUNITY MARKET
 - 3.3.2. MEDICAL EQUIPMENT MARKET

CHAPTER 4. GLOBAL WELDING MARKET (SECTOR ANALYSIS)

4.1. WELDING MARKET ANALYSIS BY TYPE

4.2. UPSTREAM AND DOWNSTREAM MARKET ANALYSIS

CHAPTER 5. MARKET SEGMENTATION

5.1. GLOBAL ELECTRONIC BEAM WELDING MARKET RESEARCH AND ANALYSIS, BY END USER

5.1.1. AUTOMOTIVE

5.1.2. AEROSPACE

5.1.3. MARINE

5.1.4. ENERGY

5.1.5. MEDICAL

5.1.6. CONSTRUCTION

5.1.7. INDUSTRIAL FABRICATION

5.2. ELECTRONIC BEAM WELDING MARKET RESEARCH AND ANALYSIS, BY COMPONENT

5.2.1. ELECTRON GUN

5.2.2. WORKING CHAMBER

5.2.3. WORKPIECE MANIPULATOR

5.2.4. POWER SUPPLY & CONTROL EQUIPMENT

5.2.5. OTHER COMPONENTS

5.3. ELECTRONIC BEAM WELDING MARKET BY TYPE

5.3.1. ELECTRONIC BEAM WELDING MACHINE BY ACCELERATING VOLTAGE

5.3.1.1. HIGH VOLTAGE

5.3.1.2. LOW VOLTAGE

5.3.2. ELECTRONIC BEAM WELDING MACHINE BY PRESSURE

5.3.2.1. HIGH VACUUM MACHINE

5.3.2.2. MEDIUM LEVEL VACUUM MACHINE

5.3.2.3. ATMOSPHERIC MACHINE

5.3.3. ELECTRONIC BEAM WELDING MACHINE BY TECHNOLOGY

5.3.3.1. CONVEYOR MACHINE

5.3.3.2. CLOCK SYSTEM

5.3.3.3. LOCAL VACUUM MACHINE

5.3.3.4. MOBILE VACUUM MACHINE

5.3.3.5. MICRO & FINE WELDING MACHINE

5.3.3.6. MULTI-PURPOSE MACHINE

5.3.4.

CHAPTER 6. COMPETITIVE LANDSCAPE

6.1. KEY STRATEGIES

6.2. KEY COMPANY ANALYSIS

CHAPTER 7. REGIONAL ANALYSIS

7.1. NORTH AMERICA

7.1.1. UNITED STATES

7.1.2. CANADA

7.1.3. REST OF NORTH AMERICA

7.2. EUROPE

7.2.1. UNITED KINGDOM

7.2.2. FRANCE

7.2.3. GERMANY

7.2.4. ITALY

7.2.5. SPAIN

7.2.6. REST OF EUROPE

7.3. ASIA PACIFIC

7.3.1. INDIA

7.3.2. CHINA

7.3.3. JAPAN

7.3.4. REST OF ASIA PACIFIC

7.4. REST OF THE WORLD

CHAPTER 8. COMPANY PROFILES (COMPANY OVERVIEW, PRODUCT PORTFOLIO, RECENT DEVELOPMENTS)

8.1. AGS-TECH INC.

8.2. ARCAM AB

8.3. CAMBRIDGE VACUUM ENGINEERING

8.4. EBTEC CORPORATION

8.5. ELECTRON BEAM ENGINEERING, INC.

8.6. ELEKTROWELD AUTOMATIONS INDIA PVT LTD

8.7. ENERGY SCIENCES INC

8.8. GLOBAL BEAM TECHNOLOGIES AG

8.9. GULLCO INTERNATIONAL, INC.

- 8.10. K&D COMPANY
- 8.11. MITSUBISHI ELECTRIC CORPORATION
- 8.12. PTR-PRECISION TECHNOLOGIES, INC.
- 8.13. SCIAKY, INC.
- 8.14. TETA
- 8.15. THE AVIATION INDUSTRY CORPORATION OF CHINA (AVIC)
- 8.16. ULVAC INC
- 8.17. WASIK ASSOCIATES INC

I would like to order

Product name: Global Electron Beam Welding Machine Market Research and Analysis, 2015-2022

Product link: <https://marketpublishers.com/r/GCFB03F7228EN.html>

Price: US\$ 3,495.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GCFB03F7228EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970