

Global Vacuum Furnace Market: Analysis By Process (Brazing, Hardening, Carburizing, Others), Application (Aerospace, Automotive, Tool & Die, Power, Others), By Region, By Country (2019 Edition): Opportunities and Forecast (2014-2024)

<https://marketpublishers.com/r/G5FFAFC82EEECEN.html>

Date: October 2019

Pages: 300

Price: US\$ 2,400.00 (Single User License)

ID: G5FFAFC82EEECEN

Abstracts

EXECUTIVE SUMMARY

The Global Vacuum furnace market was valued at USD 689.64 Million in the year 2018. The rise in investments in vehicle manufacturing plants from the developed and developing countries, owing to factors such as growing population and the growth in disposable incomes is driving the market of vacuum furnace. Vendors are rapidly focusing on collaborating heat treatment processes like carburizing, quenching, tempering and among others with additive manufacturing (AM), since it will help in minimizing the cost of production of metallic products, with specific metallurgical properties, which is augmenting the demand. The growing automobile and aerospace industry contribute the demand for commercial vehicles and aviation equipment hence the demand for heat treating process increases. Also, increase in the usage of heat-treating process in construction industry estimates the global vacuum furnace market growth.

Among the regions, Asia Pacific Vacuum Furnace Market will continue to be the largest market in the forecast period, majorly driven by rapid industrialization in growing economies of APAC regions like India, china and Japan. Moreover, the leading manufacturers are investing heavily on the R & D to offer innovative products to the end users and to cater the demand for heat treatment solutions, which is anticipated to propel the market.

Changing trends to use vacuum furnace instead of a blast furnace is on the rise owing to its benefits over the traditional furnace, such as eco-friendly nature and reduced carbon dioxide emissions. Additionally, improving the level of furnace maintainability and controllability by applying Internet of Things (IoT) concept and systems integration is creating an opportunity for the market to grow.

SCOPE OF THE REPORT

Global Vacuum Furnace Market (Actual Period: 2014-2018, Forecast Period: 2019-2024)

Vacuum Furnace Market – Size, Growth, Forecast

Analysis by Process Type: Brazing, Hardening, Carburizing, Others

Analysis by Application Type: Aerospace, Automotive, Tool & Die, Power, Others

Regional Vacuum Furnace Market - Americas, Europe, APAC, ROW (Actual Period: 2014-2018, Forecast Period: 2019-2024)

Vacuum Furnace Market – Size, Growth, Forecast

Analysis by Process Type: Brazing, Hardening, Carburizing, Others

Analysis by Application Type: Aerospace, Automotive, Tool & Die, Power, Others

Country Wise Vacuum Furnace Market- U.S., Canada, Mexico, Brazil, Germany, France, U.K., China, Japan, South Korea (Actual Period: 2014-2018, Forecast Period: 2019-2024)

Vacuum Furnace Market – Size, Growth, Forecast

Analysis by Process Type: Brazing, Hardening, Carburizing, Others

Analysis by Application Type: Aerospace, Automotive, Tool & Die, Power,

Others

Company Analysis – ULVAC Inc., Ipsen International Holding, G-M Enterprises, Vac Aero International Inc., SECO/WARWICK Group, IHI Machinery and Furnace Co., Ltd., Chugai Ro Co. Ltd, ALD Vacuum Technologies GmbH, BMI Fours Industriels, Gasbarre Products, Inc.

Other Report Highlights

Competitive Landscape - Sales, Segments, Market Share, Business Strategies

Market Dynamics – Drivers and Restraints.

Market Trends

Porter Five Forces Analysis.

SWOT Analysis.

CUSTOMIZATION OF THE REPORT

The report could be customized according to the client's specific research requirements. No additional cost will be required to pay for limited additional research.

Contents

1. RESEARCH METHODOLOGY

2. EXECUTIVE SUMMARY

3. STRATEGIC RECOMMENDATIONS

3.1 Apply technologies to enhance products and services

3.2 Create growth through innovative business models

4 GLOBAL VACUUM FURNACE MARKET: PRODUCT OVERVIEW

5. GLOBAL VACUUM FURNACE- MARKET DYNAMICS

5.1 Global Vacuum Furnace Market Trends

5.1.1 Advancement in Technology

5.1.2 Growing Nuclear Industry

5.1.3 New Process Optimization Technique

5.2 Global Vacuum Furnace Market Drivers

5.2.1 Burgeoning Demand from End Users

5.2.2 Demand rising for infrastructure development

5.2.3 Adaption of Internet of Things

5.3 Global Vacuum Furnace Marke Restraints

5.3.1 High Equipment and Operating Cost

5.3.2 Declining Automotive Market

5.4 Global Vacuum Furnace Market: Competitive Landscape

5.4.1 Competitive Landscape

5.4.2 Product Benchmarking

5.4.3 Porter's Five Force Analysis

5.4.4 SWOT Analysis

6. MARKET SHARE OF LEADING GLOBAL COMPANIES

7. GLOBAL VACUUM FURNACE MARKET ANALYSIS

7.1 Global Vacuum Furnace Market: By Value (USD Million): Year 2014-2018

7.2 Global Vacuum Furnace Market: By Value (USD Million): Year 2019-2024

7.3 Global Economic & Industrial Statistics

- 7.4 Global Vacuum Furnace Market - By Process Type, By value, 2014-2024
- 7.5 Global Vacuum Furnace Market, By Process Type Market Share, Year 2018 & 2024
- 7.6 Market Opportunity of Global Vacuum Furnace Market- By Process Type
- 7.7 Global Vacuum Furnace Market - By Application Type, By value, 2014-2024
- 7.8 Global Vacuum Furnace Market, By Application Type Market Share, Year 2018 & 2024
- 7.9 Market Opportunity of Global Vacuum Furnace Market- By Application Type
- 7.10 Global Vacuum Furnace Market - By Regional Analysis (Year 2018 & 2024)
- 7.11 Market Opportunity of Global Vacuum Furnace Market- By Region

8. AMERICAS VACUUM FURNACE MARKET ANALYSIS

- 8.1 Americas Vacuum Furnace Market: By Value (USD Million): Year 2014-2018
- 8.2 Americas Vacuum Furnace Market: By Value (USD Million): Year 2019-2024
- 8.3 America Vacuum Furnace Market- Prominent Companies
- 8.4 America Economic & Industrial Statistics
- 8.5 America Vacuum Furnace Market - By Process Type, By value, 2014-2024
- 8.6 America Vacuum Furnace Market, By Process Type Market Share, Year 2018 & 2024
- 8.7 America Vacuum Furnace Market - By Application Type, By value, 2014-2024
- 8.8 America Vacuum Furnace Market, By Application Type Market Share, Year 2018 & 2024
- 8.9 Americas Vacuum Furnace Market: By Country Analysis
 - 8.9.1 Market Opportunity of America Vacuum Furnace Market- By Countries
 - 8.9.2 Americas Vacuum Furnace Market - By countries (2018 & 2024)
 - 8.9.3 United States Vacuum Furnace Market: By Value (USD Million) : Year 2014-2024
 - 8.9.4 United States Vacuum Furnace Market - By Process Type, By value, 2014-24
 - 8.9.5 United States Vacuum Furnace Market - By Application Type, By value, 2014-24
 - 8.9.6 United States Economic & Industrial Statistics
 - 8.9.7 Canada Vacuum Furnace Market: By Value (USD Million) : Year 2014-2024
 - 8.9.8 Canada Vacuum Furnace Market - By Process Type, By value, 2014-24
 - 8.9.9 Canada Vacuum Furnace Market - By Application Type, By value, 2014-24
 - 8.9.10 Canada Economic & Industrial Statistics
 - 8.9.11 Mexico Vacuum Furnace Market: By Value (USD Million) : Year 2014-2024
 - 8.9.12 Mexico Vacuum Furnace Market - By Process Type, By value, 2014-24
 - 8.9.13 Mexico Vacuum Furnace Market - By Application Type, By value, 2014-24
 - 8.9.14 Mexico Economic & Industrial Statistics
 - 8.9.15 Brazil Vacuum Furnace Market: By Value (USD Million): Year 2014-2024

- 8.9.16 Brazil Vacuum Furnace Market - By Process Type, By value, 2014-24
- 8.9.17 Brazil Vacuum Furnace Market - By Application Type, By value, 2014-24
- 8.9.18 Brazil Economic & Industrial Statistics
- 8.9.19 Rest of Americas Vacuum Furnace Market: By Value (USD Million) : Year 2014-2024
- 8.9.20 Rest of Americas Vacuum Furnace Market - By Process Type, By value, 2014-24
- 8.9.21 Rest of Americas Vacuum Furnace Market - By Application Type, By value, 2014-24
- 8.9.22 Rest of Americas Economic & Industrial Statistics

9. EUROPE VACUUM FURNACE MARKET ANALYSIS

- 9.1 Europe Vacuum Furnace Market: By Value (USD Million): Year 2014-2018
- 9.2 Europe Vacuum Furnace Market: By Value (USD Million): Year 2019-2024
- 9.3 Europe Vacuum Furnace Market- Prominent Companies
- 9.4 Europe Economic & Industrial Statistics
- 9.5 Europe Vacuum Furnace Market - By Process Type, By value, 2014-2024
- 9.6 Europe Vacuum Furnace Market, By Process Type Market Share, Year 2018 & 2024
- 9.7 Europe Vacuum Furnace Market - By Application Type, By value, 2014-2024
- 9.8 Europe Vacuum Furnace Market, By Application Type Market Share, Year 2018 & 2024
- 9.9 Europe Vacuum Furnace Market: By Country Analysis
 - 9.9.1 Market Opportunity of Europe Vacuum Furnace Market- By Countries
 - 9.9.2 Europe Vacuum Furnace Market - By countries (2018 & 2024)
 - 9.9.3 Germany Vacuum Furnace Market: By Value (USD Million): Year 2014-2024
 - 9.9.4 Germany Vacuum Furnace Market - By Process Type, By value, 2014-24
 - 9.9.5 Germany Vacuum Furnace Market - By Application Type, By value, 2014-24
 - 9.9.6 Germany Economic & Industrial Statistics
 - 9.9.7 France Vacuum Furnace Market: By Value (USD Million): Year 2014-2024
 - 9.9.8 France Vacuum Furnace Market - By Process Type, By value, 2014-24
 - 9.9.9 France Vacuum Furnace Market - By Application Type, By value, 2014-24
 - 9.9.10 France Economic & Industrial Statistics
 - 9.9.11 United Kingdom Vacuum Furnace Market: By Value (USD Million) : Year 2014-2024
 - 9.9.12 United Kingdom Vacuum Furnace Market - By Process Type, By value, 2014-24
 - 9.9.13 United Kingdom Vacuum Furnace Market - By Application Type, By value,

2014-24

9.9.14 United Kingdom Economic & Industrial Statistics

9.9.15 Rest of Europe Vacuum Furnace Market: By Value (USD Million): Year

2014-2024

9.9.16 Rest of Europe Vacuum Furnace Market - By Process Type, By value, 2014-24

9.9.17 Europe Vacuum Furnace Market - By Application Type, By value, 2014-24

9.9.18 Europe Economic & Industrial Statistics

10. ASIA PACIFIC VACUUM FURNACE MARKET ANALYSIS

10.1 Asia Pacific Vacuum Furnace Market: By Value (USD Million): Year 2014-2018

10.2 Asia Pacific Vacuum Furnace Market: By Value (USD Million): Year 2019-2024

10.3 Asia Pacific Vacuum Furnace Market- Prominent Companies

10.4 Asia Pacific Economic & Industrial Statistics

10.5 APAC Vacuum Furnace Market - By Process Type, By value, 2014-2024

10.6 APAC Vacuum Furnace Market, By Process Type Market Share, Year 2018 & 2024

10.7 APAC Vacuum Furnace Market - By Application Type, By value, 2014-2024

10.8 APAC Vacuum Furnace Market, By Application Type Market Share, Year 2018 & 2024

10.9 APAC Vacuum Furnace Market: By Country Analysis

10.9.1 Market Opportunity of APAC Vacuum Furnace Market- By Countries

10.9.2 APAC Vacuum Furnace Market - By countries (2018 & 2024)

10.9.3 China Vacuum Furnace Market: By Value (USD Million): Year 2014-2024

10.9.4 China Vacuum Furnace Market – By Process Type, By value, 2014-24

10.9.5 China Vacuum Furnace Market - By Application Type, By value, 2014-24

10.9.6 China Economic & Industrial Statistics

10.9.7 Japan Vacuum Furnace Market: By Value (USD Million): Year 2014-2024

10.9.8 Japan Vacuum Furnace Market - By Process Type, By value, 2014-24

10.9.9 Japan Vacuum Furnace Market - By Application Type, By value, 2014-24

10.9.10 Japan Economic & Industrial Statistics

10.9.11 South Korea Vacuum Furnace Market: By Value (USD Million): Year

2014-2024

10.9.12 South Korea Vacuum Furnace Market - By Process Type, By value, 2014-24

10.9.13 South Korea Vacuum Furnace Market - By Application Type, By value, 2014-24

10.9.14 South Korea Economic & Industrial Statistics

10.9.15 Rest of APAC Vacuum Furnace Market: By Value (USD Million): Year 2014-2024

- 10.9.16 Rest of APAC Vacuum Furnace Market - By Process Type, By value, 2014-24
- 10.9.17 Rest of APAC Vacuum Furnace Market - By Application Type, By value, 2014-24
- 10.9.18 Rest of APAC Economic & Industrial Statistics

11. REST OF WORLD VACUUM FURNACE MARKET ANALYSIS

- 11.1 Rest of World Vacuum Furnace Market: By Value (USD Million): Year 2014-2018
- 11.2 Rest of World Vacuum Furnace Market: By Value (USD Million): Year 2019-2024
- 11.3 ROW Vacuum Furnace Market- Prominent Companies
- 11.4 ROW Economic & Industrial Statistics
- 11.5 ROW Vacuum Furnace Market - By Process Type, By value, 2014-2024
- 11.6 ROW Vacuum Furnace Market, By Process Type Market Share, Year 2018 & 2024
- 11.7 ROW Vacuum Furnace Market - By Application Type, By value, 2014-2024
- 11.8 ROW Vacuum Furnace Market, By Application Type Market Share, Year 2018 & 2024
- 11.9 Market Opportunity of M.E.A Vacuum Furnace Market- By Region
- 11.10 ROW Vacuum Furnace Market: By Regional Analysis

12. COMPANY PROFILES

- 12.1 ULVAC Inc.
 - 12.1.1 Business Overview
 - 12.1.2 Financial Overview: Annual Sales & Net Income, Year 2014-2018
 - 12.1.3 Segmental Overview: Sales Revenue – By Geographic & Business Segment – Year 2018
- 12.2 Ipsen International Holding
 - 12.2.1 Business Overview
- 12.3 G-M Enterprises
 - 12.3.1 Business Overview
- 12.4 VAC Aero International Inc.
 - 12.4.1 Business Overview
- 12.5 SECO/WARWICK Group
 - 12.5.1 Business Overview
 - 12.5.2 Financial Overview: Annual Sales & Net Income, Year 2014-2018
 - 12.5.3 Segmental Overview: Sales Revenue – By Geographic & Business Segment – Year 2018
- 12.6 IHI Machinery and Furnace Co., Ltd.
 - 12.6.1 Business Overview

12.6.2 Financial Overview: Annual Sales & Net profit, Year 2014-2018

12.6.3 Segmental Overview: Sales Revenue – By Geographic & Business Segment – Year 2018

12.7 Chugai Ro Co. Ltd

12.7.1 Business Overview

12.7.2 Financial Overview: Annual Sales & Net profit, Year 2014-2018

12.7.3 Segmental Overview: Sales Revenue – By Business Segment – Year 2017 & 2018

12.8 ALD Vacuum Technologies GmbH

12.8.1 Business Overview

12.9 BMI Fours Industriels

12.9.1 Business Overview

12.10 Gasbarre Products, Inc.

12.10.1 Business Overview

List Of Figures

LIST OF FIGURES

- Figure 1: Global Vacuum Furnace Market Share, By Company (%) (2018)
- Figure 2: Competitive Positions of Vacuum Furnace Companies (2018)
- Figure 3: Global Vacuum Furnace Market Size, By Value, 2014-2018 (USD Million)
- Figure 4: Global Vacuum Furnace Market Size, By Value, 2019-2024 (USD Million)
- Figure 5: Global Manufacturing, Value added (annual % growth)
- Figure 6: Global Industry (Including Construction), Value added (annual % growth)
- Figure 7: Global Electricity Generation, Terawatt-Hours, 2013-18
- Figure 8: Global Final Consumption Expenditure, 2014-2017 (USD Trillion)
- Figure 9: Global Production of All Vehicles, 2013-2018 (In Million)
- Figure 10: Global Total Production Crude Steel (Thousand Tonnes)
- Figure 11: Global Total Energy Consumption Breakdown, 2018
- Figure 12: Global GDP per Capita, PPP, 2014-2018 (USD)
- Figure 13: Global Urban Population Growth Rate (%)
- Figure 14: Global GDP Growth, By Sector, 2018 (%)
- Figure 15: Global Vacuum Furnace Market: By Process type, By Value, 2014-2018 (USD Million)
- Figure 16: Global Vacuum Furnace Market: By Process type, By Value, 2019-2024 (USD Million)
- Figure 17: Segmental Share according to Process Type, 2018 (%)
- Figure 18: Segmental Share according to Process Type, 2024E (%)
- Figure 19: Market Opportunity Chart of Global Vacuum Furnace Market - By Process Type (Year- 2024)
- Figure 20: Global Vacuum Furnace Market: By Application type, By Value, 2014-2018 (USD Million)
- Figure 21: Global Vacuum Furnace Market: By Application type, By Value, 2019-2024 (USD Million)
- Figure 22: Segmental Share according to Application, 2018 (%)
- Figure 23: Segmental Share according to Application, 2024E (%)
- Figure 24: Market Opportunity Chart of Global Vacuum Furnace Market - By Application Type (Year- 2024)
- Figure 25: Global Vacuum Furnace Market Share, By Region, 2018 (%)
- Figure 26: Global Vacuum Furnace Market Share, By Region, 2024 (%)
- Figure 27: Market Opportunity Chart of Global Vacuum Furnace Market - By Region (Year- 2024)
- Figure 28: Americas Vacuum Furnace Market Size, By Value, 2014-2018 (USD Million)

- Figure 29: Americas Vacuum Furnace Market Size, By Value, 2019-2024 (USD Million)
- Figure 30: Prominent Vacuum Furnace companies operated in American Market
- Figure 31: North America GDP Growth (Annual %), 2013–2018
- Figure 32: Latin America GDP Growth (Annual %), 2013–2018
- Figure 33: North America Manufacturing, Value added (% of GDP), 2012–2017
- Figure 34: Latin America Manufacturing, Value added (% of GDP), 2012–2018
- Figure 35: North America Average Industrial Growth Rate, 2013–2017 (In %)
- Figure 36: North America Manufacturing, Value added (Annual Growth Rate), 2013-2017
- Figure 37: Latin America & Caribbean Industry (including construction), value added (USD Trillion)
- Figure 38: Latin America & Caribbean Manufacturing, value added (USD Trillion)
- Figure 39: North America Final Consumption Expenditure, 2014-2017 (In Current USD, Trillion)
- Figure 40: North America Healthcare Expenditure 2013-2016 (in %)
- Figure 41: North America's Total Production Crude Steel (Thousand Tonnes), 2013-17
- Figure 42: South America's Total Production Crude Steel (Thousand Tonnes), 2013-17
- Figure 43: America's Total Alumina Production (Thousand Metric Tonnes), 2013-18
- Figure 44: North America GDP, 2013-2018 (USD T)
- Figure 45: North America Urban Population, 2013-2018 (% of total Population)
- Figure 46: Americas Vacuum Furnace Market: By Process type, By Value, 2014-2018 (USD Million)
- Figure 47: Americas Vacuum Furnace Market: By Process type, By Value, 2019-2024 (USD Million)
- Figure 48: Segmental Share according to Process Type, 2018 (%)
- Figure 49: Segmental Share according to Process Type, 2024E (%)
- Figure 50: Americas Vacuum Furnace Market: By Application type, By Value, 2014-2018 (USD Million)
- Figure 51: Americas Vacuum Furnace Market: By Application type, By Value, 2019-2024 (USD Million)
- Figure 52: Segmental Share according to Application, 2018 (%)
- Figure 53: Segmental Share according to Application, 2024E (%)
- Figure 54: Market Opportunity Chart of America Vacuum Furnace Market - By Country (Year- 2024)
- Figure 55: America's Vacuum Furnace Market Share, By countries, 2018 (%)
- Figure 56: America's Vacuum Furnace Market Share, By countries, 2024 (%)
- Figure 57: United States Vacuum Furnace Market Size, By Value, 2014-2024 (USD Million)
- Figure 58: United States Vacuum Furnace Market: By Process type, By Value,

2014-2024 (USD Million)

Figure 59: United States Vacuum Furnace Market: By Application type, By Value, 2014-2024 (USD Million)

Figure 60: Average Annual Consumer Expenditure in United States, 2014-2018 (USD)

Figure 61: United States Gross Domestic Product Growth Rate (%), 2013-17

Figure 62: U. S Electricity Generation (TWH), 2014-2018

Figure 63: United States Urban Population (% of Total Population)

Figure 64: United States Manufacturing Value Added (Annual % Growth)

Figure 65: United States Industry (Including Construction), value added (annual % growth)

Figure 66: USA's Total Production Crude Steel (Thousand Tonnes)

Figure 67: Canada Vacuum Furnace Market Size, By Value, 2014-2024 (USD Million)

Figure 68: Canada Vacuum Furnace Market: By Process type, By Value, 2014-2024 (USD Million)

Figure 69: Canada Vacuum Furnace Market: By Application type, By Value, 2014-2024 (USD Million)

Figure 70: Canada Greenhouse Gas Emission, By Economic Sector, 2017, (In MtCO₂)

Figure 71: Canada Electricity Generation (TWH), 2014-2018

Figure 72: Canada Production of All Vehicles, 2013-2018, (In Millions)

Figure 73: Canada - Total Value of Building Permits, (In USD Billion), 2014 - 2018

Figure 74: Canada's Gross Domestic Product Growth Rate (%)

Figure 75: Canada Industry, Value added (annual growth%)

Figure 76: Canada's Manufacturing, value added (USD Trillion), 2013-17

Figure 77: Mexico Vacuum Furnace Market Size, By Value, 2014-2024 (USD Million)

Figure 78: Mexico Vacuum Furnace Market: By Process type, By Value, 2014-2024 (USD Million)

Figure 79: Mexico Vacuum Furnace Market: By Application type, By Value, 2014-2024 (USD Million)

Figure 80: Mexico urban population, 2013-2017 (in Millions)

Figure 81: Mexico Gross Domestic Product Growth Rate (%)

Figure 82: Mexico's Industrial Growth (%), 2013-2017

Figure 83: Mexico Apparent Steel Use (Million Tonnes) 2014-2018

Figure 84: Mexico GDP from Construction (USD Billion), 2013-2018

Figure 85: Mexico's Manufacturing Value added, Annual growth rate (%), 2014 - 2018

Figure 86: Mexico's Total Production Crude Steel (Thousand Tonnes)

Figure 87: Mexico GDP Per Capita Growth, Year 2013-2017 (%)

Figure 88: Mexico Air Passenger Carried Data (Millions), 2013-2017

Figure 89: Brazil Vacuum Furnace Market Size, By Value, 2014-2024 (USD Million)

Figure 90: Brazil Vacuum Furnace Market: By Process type, By Value, 2014-2024 (USD

Million)

Figure 91: Brazil Vacuum Furnace Market: By Application type, By Value, 2014-2024 (USD Million)

Figure 92: Brazil Gross Domestic Product Growth Rate (%)

Figure 93: Brazil's Per Capita Income (USD), 2013 - 2017

Figure 94: Manufacturing Value added annual Growth (%), 2013-2018

Figure 95: Brazil Total Production Crude Steel (Thousand Tonnes)

Figure 96: Brazil Energy and Electricity Consumption, (2014-18)

Figure 97: Brazil Industry (including construction), value added (USD Trillion), 2013-17

Figure 98: Brazil Manufacturing, value added (USD Trillion), 2013-17

Figure 99: Rest of Americas Vacuum Furnace Market Size, By Value, 2014-2024 (USD Million)

Figure 100: Rest of Americas Vacuum Furnace Market: By Process type, By Value, 2014-2024 (USD Million)

Figure 101: Rest of Americas Vacuum Furnace Market: By Application type, By Value, 2014-2024 (USD Million)

Figure 102: Total Production Crude Steel (Thousand Tonnes), 2013-17

Figure 103: South America's Countries Urban Population (% of total Population)

Figure 104: Total Electricity Generation (TWH), 2013-18

Figure 105: Latin America & Caribbean Manufacturing Value Added (Annual % Growth)

Figure 106: Latin America & Caribbean Industry (Including Construction) Value Added (Annual % Growth)

Figure 107: Europe Vacuum Furnace Market Size, By Value, 2014-2018 (USD Million)

Figure 108: Europe Vacuum Furnace Market Size, By Value, 2019-2024 (USD Million)

Figure 109: Prominent Vacuum Furnace companies operated in European Market

Figure 110: European Union GDP Growth (Annual %), 2014-2018

Figure 111: European Union Urban Population (% of Total Population), 2014-18

Figure 112: European Union Manufacturing Value Added (Annual % Growth), 2014-18

Figure 113: European Union Industry (Including Construction) Value Added (Annual % Growth)

Figure 114: Europe Total Production Crude Steel (Thousand Tonnes), 2013-17

Figure 115: Europe Total Primary Aluminium Production (Thousand Metric Tonnes), 2013-18

Figure 116: European Union Industry (including construction), value added (USD Trillion)

Figure 117: Total electricity Consumption in Europe, 2014-2018 (in TWH)

Figure 118: Total electricity Generation in Europe, 2014-2018 (in TWH)

Figure 119: Europe Vacuum Furnace Market: By Process type, By Value, 2014-2018 (USD Million)

Figure 120: Europe Vacuum Furnace Market: By Process type, By Value, 2019-2024 (USD Million)

Figure 121: Segmental Share according to Process Type, 2018 (%)

Figure 122: Segmental Share according to Process Type, 2024E (%)

Figure 123: Europe Vacuum Furnace Market: By Application type, By Value, 2014-2018 (USD Million)

Figure 124: Europe Vacuum Furnace Market: By Application type, By Value, 2019-2024 (USD Million)

Figure 125: Segmental Share according to Application, 2018 (%)

Figure 126: Segmental Share according to Application, 2024E (%)

Figure 127: Market Opportunity Chart of Europe Vacuum Furnace Market - By Country (Year- 2024)

Figure 128: Europe Vacuum Furnace Market Share, By countries, 2018 (%)

Figure 129: Europe Vacuum Furnace Market Share, By countries, 2024 (%)

Figure 130: Germany Vacuum Furnace Market Size, By Value, 2014-2024 (USD Million)

Figure 131: Germany Vacuum Furnace Market: By Process type, By Value, 2014-2024 (USD Million)

Figure 132: Germany Vacuum Furnace Market: By Application type, By Value, 2014-2024 (USD Million)

Figure 133: Germany's Gross Domestic Product Growth Rate (%), 2014-18

Figure 134: Change in Percentage of Construction sector output (2015-2018)

Figure 135: Germany Manufacturing Value Added (Annual % Growth), 2014-18

Figure 136: Germany Apparent Steel Use (Million Tonnes) 2013-2017

Figure 137: Germany Industrial Production Rate, 2013-2017 (%)

Figure 138: Germany GDP from Construction (Euro Billion), 2013-18

Figure 139: Germany's Urban Population (% of Total Population), (2014-18)

Figure 140: Germany Electricity Generation 2014-2018 (TWH)

Figure 141: Germany Air Passengers Carried Data (Millions), Year 2013-2017

Figure 142: France Vacuum Furnace Market Size, By Value, 2014-2024 (USD Million)

Figure 143: France Vacuum Furnace Market: By Process type, By Value, 2014-2024 (USD Million)

Figure 144: France Vacuum Furnace Market: By Application type, By Value, 2014-2024 (USD Million)

Figure 145: France's Gross Domestic Product Growth Rate (%), 2014-18

Figure 146: France Residential construction projects (in Units), (2014-2018)

Figure 147: France Manufacturing Value Added (Annual % Growth), 2014-18

Figure 148: France Electricity Generation 2014-2018 (TWH)

Figure 149: France Electricity Consumption 2014-2018 (TWH)

Figure 150: France's Total Production Crude Steel (Thousand Tonnes)

Figure 151: United Kingdom Vacuum Furnace Market Size, By Value, 2014-2024 (USD Million)

Figure 152: United Kingdom Vacuum Furnace Market: By Process type, By Value, 2014-2024 (USD Million)

Figure 153: United Kingdom Vacuum Furnace Market: By Application type, By Value, 2014-2024 (USD Million)

Figure 154: U. K's Urban Population, (% of Total Population) (2014-18)

Figure 155: United Kingdom Air Passengers Carried Data (Millions), Year 2013-2017

Figure 156: U. K Manufacturing Value Added (annual % growth), 2014-18

Figure 157: U. K Electricity Generation 2014-2018 (TWH)

Figure 158: U. K Electricity Consumption 2014-2018 (TWH)

Figure 159: U. K's Total Production Crude Steel (Thousand Tonnes)

Figure 160: Rest of Europe Vacuum Furnace Market Size, By Value, 2014-2024 (USD Million)

Figure 161: Rest of Europe Vacuum Furnace Market: By Process type, By Value, 2014-2024 (USD Million)

Figure 162: Rest of Europe Vacuum Furnace Market: By Application type, By Value, 2014-2024 (USD Million)

Figure 163: Italy Gross Domestic Product Growth Rate (%)

Figure 164: Italy's Electricity Generation & Consumption (TWH), 2014-18

Figure 165: European Developing Countries Total Production Crude Steel (Thousand Tonnes)

Figure 166: Netherlands Urban Population, 2014-2018 (% of total population)

Figure 167: European Developing Countries Manufacturing Value Added (Annual % Growth), 2014-18

Figure 168: European Countries Manufacturing, value added (USD Trillion)

Figure 169: Asia Pacific Vacuum Furnace Market Size, By Value, 2014-2018 (USD Million)

Figure 170: Asia Pacific Vacuum Furnace Market Size, By Value, 2019-2024 (USD Million)

Figure 171: Prominent Vacuum Furnace companies operated in Asian Market

Figure 172: APAC Gross Domestic Product Growth Rate (%), 2013-2017

Figure 173: APAC Manufacturing Growth Rate, 2013 – 2017 (In %)

Figure 174: Asia-Pacific Urban Population, 2014-2018 (% of total)

Figure 175: APAC'S Industry (including construction), value added (USD Trillion)

Figure 176: Asia Pacific Production of All Vehicles, 2013-2018, (In Millions)

Figure 177: APAC New Housing Units Construction, 2013–2017 (In Million)

Figure 178: APAC Electricity Generation Capacity (TWH), 2014-18

Figure 179: APAC Electricity Consumption (TWH), 2014-18

- Figure 180: Asia-Pacific Total Production Crude Steel (Thousand Tonnes)
- Figure 181: APAC Vacuum Furnace Market: By Process type, By Value, 2014-2018 (USD Million)
- Figure 182: APAC Vacuum Furnace Market: By Process type, By Value, 2019-2024 (USD Million)
- Figure 183: Segmental Share according to Process Type, 2018 (%)
- Figure 184: Segmental Share according to Process Type, 2024E (%)
- Figure 185: APAC Vacuum Furnace Market: By Application type, By Value, 2014-2018 (USD Million)
- Figure 186: APAC Vacuum Furnace Market: By Application type, By Value, 2019-2024 (USD Million)
- Figure 187: Segmental Share according to Application, 2018 (%)
- Figure 188: Segmental Share according to Application, 2024E (%)
- Figure 189: Market Opportunity Chart of Asia Pacific Vacuum Furnace Market - By Country (Year- 2024)
- Figure 190: APAC Vacuum Furnace Market Share, By countries, 2018 (%)
- Figure 191: APAC Vacuum Furnace Market Share, By countries, 2024E (%)
- Figure 192: China Vacuum Furnace Market Size, By Value, 2014-2024 (USD Million)
- Figure 193: China Vacuum Furnace Market: By Process type, By Value, 2014-2024 (USD Million)
- Figure 194: China Vacuum Furnace Market: By Application type, By Value, 2014-2024 (USD Million)
- Figure 195: China Manufacturing Value added (USD Trillion)
- Figure 196: China's Gross Domestic Product Growth Rate (%)
- Figure 197: China Industrial Production growth data (In Percentage), 2013-2017
- Figure 198: China Industry (including construction), value added (USD Trillion)
- Figure 199: China Steel Apparent Consumption (MT), 2013-2017
- Figure 200: China Production of All Vehicles, 2013-2018, (In Millions)
- Figure 201: China Electricity Generation Capacity (TWH), 2014-18
- Figure 202: China Electricity Consumption (TWH), 2014-18
- Figure 203: China Total Production Crude Steel (Thousand Tonnes)
- Figure 204: Japan Vacuum Furnace Market Size, By Value, 2014-2024 (USD Million)
- Figure 205: Japan Vacuum Furnace Market: By Process type, By Value, 2014-2024 (USD Million)
- Figure 206: Japan Vacuum Furnace Market: By Application type, By Value, 2014-2024 (USD Million)
- Figure 207: Japan Manufacturing Value Added (Annual % Growth), 2014-18
- Figure 208: Japan's Gross Domestic Product Growth Rate (%)
- Figure 209: Japan Urban Population, (% of Total Population) (2014-18)

- Figure 210: Japan's Apparent Steel Use (Million Tonnes) 2014-2018
- Figure 211: Japan's Steel finished Products Consumption (MT), 2013-2017
- Figure 212: Japan Total Production Crude Steel (Thousand Tonnes)
- Figure 213: Japan Production of All Vehicles, 2013-2018, (In Millions)
- Figure 214: Japan Electricity Consumption (TWH), 2014-18
- Figure 215: Japan Electricity Generation Capacity (TWH), 2014-18
- Figure 216: Japan Industrial Production growth data (In Percentage), 2013-2017
- Figure 217: South Korea Vacuum Furnace Market Size, By Value, 2014-2024 (USD Million)
- Figure 218: South Korea Vacuum Furnace Market: By Process type, By Value, 2014-2024 (USD Million)
- Figure 219: South Korea Vacuum Furnace Market: By Application type, By Value, 2014-2024 (USD Million)
- Figure 220: South Korea Electricity Generation, By Fuel, 2017 (%)
- Figure 221: South Korea's Gross Domestic Product Growth Rate (%)
- Figure 222: South Korea's Industrial Production (In Percentage), 2013-2017
- Figure 223: South Korea's Apparent Steel Use (Million Tonnes) 2014-2018
- Figure 224: South Korea's Steel finished Products Consumption (MT), 2013-2017
- Figure 225: South Korea Production of All Vehicles, 2013-2018, (In Millions)
- Figure 226: South Korea Sales of All Vehicles, 2013-2017 (In Millions)
- Figure 227: South Korea Electricity Consumption (TWH), 2014-18
- Figure 228: South Korea Electricity Generation Capacity (TWH), 2014-18
- Figure 229: South Korea's total Production Crude Steel (Thousand Tonnes), 2013-17
- Figure 230: Rest of APAC Vacuum Furnace Market Size, By Value, 2014-2024 (USD Million)
- Figure 231: Rest of APAC Vacuum Furnace Market: By Process type, By Value, 2014-2024 (USD Million)
- Figure 232: Rest of APAC Vacuum Furnace Market: By Application type, By Value, 2014-2024 (USD Million)
- Figure 233: India Production of All Vehicles, 2013-2018, (In Millions)
- Figure 234: Manufacturing, value added (USD T), 2013-17
- Figure 235: India's Industry (Including Construction) Value Added Growth (Annual %), 2013-18
- Figure 236: India's Electricity Consumption (TWH), 2014-18
- Figure 237: India's Electricity Generation Capacity (TWH), 2014-18
- Figure 238: India's total Production Crude Steel (Thousand Tonnes), 2013-17
- Figure 239: India's Manufacturing Value Added Growth (Annual %), 2013-2018
- Figure 240: India's Gross Domestic Product Growth Rate (%)
- Figure 241: India Industrial Production (In Percentage), 2013-2017

- Figure 242: APAC's Countries GDP growth rate (%), 2014-18
- Figure 243: APAC countries Manufacturing Value Added (Annual % Growth), 2014-18
- Figure 244: ROW Vacuum Furnace Market Size, By Value, 2014-2018 (USD Million)
- Figure 245: ROW Vacuum Furnace Market Size, By Value, 2019-2024 (USD Million)
- Figure 246: Prominent Vacuum Furnace companies operated in M.E.A Market
- Figure 247: MENA Urban Population (% of Total Population)
- Figure 248: Middle East and North Africa Gross Domestic Product Growth Rate (%)
- Figure 249: Middle East North Africa GDP (USD Trillion), 2013-18
- Figure 250: Middle east & North Africa Manufacturing, Value added (annual % growth), 2013-2017
- Figure 251: MEA'S Total Electricity Generation (TWH), 2014-18
- Figure 252: MEA'S Total Electricity Consumption (TWH), 2014-18
- Figure 253: MEA'S Total Production Crude Steel (Thousand Tonnes)
- Figure 254: ROW Vacuum Furnace Market: By Process type, By Value, 2014-2018 (USD Million)
- Figure 255: ROW Vacuum Furnace Market: By Process type, By Value, 2019-2024 (USD Million)
- Figure 256: Segmental Share according to Process Type, 2018 (%)
- Figure 257: Segmental Share according to Process Type, 2024 (%)
- Figure 258: ROW Vacuum Furnace Market: By Application type, By Value, 2014-2018 (USD Million)
- Figure 259: ROW Vacuum Furnace Market: By Application type, By Value, 2019-2024 (USD Million)
- Figure 260: Segmental Share according to Application, 2018 (%)
- Figure 261: Segmental Share according to Application, 2024E (%)
- Figure 262: Market Opportunity Chart of M.E.A Vacuum Furnace Market - By Region (Year- 2024)
- Figure 263: M.E.A Vacuum Furnace Market: By Region, By Value,2014-2024 (USD Million)
- Figure 264: ULVAC's Annual Sales Revenue,2014-2018 (USD Billion)
- Figure 265: ULVAC's Net Income, 2014-2018 (USD Million)
- Figure 266: ULVAC's Sales Revenue, By Geographic Segment (%), FY2018
- Figure 267: ULVAC's Sales Revenue, By Business Segment (%), FY2018
- Figure 268: SECO/WARWICK Group's Annual Sales Revenue,2014-2018 (USD Million)
- Figure 269: SECO/WARWICK Group's Net Income, 2014-2018 (USD Million)
- Figure 270: SECO/WARWICK Group's Sales Revenue, By Geographic Segment (%), FY2018
- Figure 271: SECO/WARWICK Group's Sales Revenue, By Business sales Segment

(%), FY2018

Figure 272: IHI's Annual Sales Revenue,2014-2018 (USD Billion)

Figure 273: IHI'S Net Profit, 2014-2018 (USD Billion)

Figure 274: IHI's Sales Revenue, By Geographic Segment (%), FY2018

Figure 275: IHI's Sales Revenue, By Business Segment (%), FY2018

Figure 276: Chugai Ro's Annual Sales Revenue,2014-2018 (USD Billion)

Figure 277: Chugai Ro's Net Profit, 2014-2018 (USD Billion)

Figure 278: Chugai Ro's Sales Revenue, By Business Segment (%), FY2018

Figure 279: Chugai Ro's Sales Revenue, By Business Segment (%), FY2017

I would like to order

Product name: Global Vacuum Furnace Market: Analysis By Process (Brazing, Hardening, Carburizing, Others), Application (Aerospace, Automotive, Tool & Die, Power, Others), By Region, By Country (2019 Edition): Opportunities and Forecast (2014-2024)

Product link: <https://marketpublishers.com/r/G5FFAFC82EECEN.html>

Price: US\$ 2,400.00 (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/G5FFAFC82EECEN.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