

# **Global Shell & Tube Heat Exchanger Market Size study & Forecast, by Material ( Steel, Nickel & Nickel Alloys, Titanium, Tantalum, Others) by Application ( Chemicals, Petrochemicals and Oil & Gas, HVAC & Refrigeration, Food & Beverages, Power Generation, Pulp & Paper and Others), and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Shell & Tube Heat Exchanger Market is valued approximately USD 4.58 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 5.6% over the forecast period 2022-2029. A shell and tube heat exchanger are a class of heat exchanger designs. It is the most common type of heat exchanger in oil refineries and other large chemical processes, and is suited for higher-pressure applications. The Shell & Tube Heat Exchanger market is expanding because of factors such as rising investment in industrial projects and manufacturing projects, growth in the oil refineries and petrochemical plants. However, rising Volatility in raw material prices may halt market growth.

The International Energy Agency (IEA) estimates that Asia Pacific produces more than 50% of the world's petrochemicals. In addition, several significant manufacturers are enlarging their production facilities around Asia-Pacific in order to take advantage of the opportunity in the region's rising economies. The India Brand Equity Foundation predicts that by 2025, the chemical industry would contribute USD 300 billion to India's GDP, and that demand for chemicals will rise by 9% annually. According to BP's statistical review of World Energy 2022, China's nuclear power generation was 407.7 TW-hour in 2021, and natural gas production increased by 8.1% to 209.2 billion cubic meters. As shell & tube heat exchangers are widely used in the power and oil & gas

industries, these statistics will have a significant impact on the shell & tube heat exchangers market in China. Additionally, the market is seeing new prospects due to the expanding aftermarket for shell & tube heat exchangers.

The key regions considered for the Global Shell & Tube Heat Exchanger Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia Pacific dominated the market in terms of revenue, owing to availability of low-cost raw materials and labour, coupled with growing industrialization, makes the region an attractive investment destination for shell & tube heat exchanger manufacturers. The rising population, urbanization, and industrialization are some of the factors that will drive the shell & tube heat exchanger market in this region. Europe is expected to grow significantly during the forecast period, owing to factors such as rising industrial development, and manufacturing sector in the region.

Major market player included in this report are:

Alfa Laval Ab

Hrs Heat Exchangers

Kelvion

Xylem

Api Heat Transfer

Koch Heat Transfer

Manning & Lewis

Mersen

Thermax

Thermofin

Recent Developments in the Market:

In September 2018, Kelvion combined its double tube safety technology with its compact fin system to produce the new ComFin Safety heat exchanger. The benefits are optimized energy efficiency, small footprint, and efficient performance due to enlarged surface through fins. The Material can be used in various industries such as power, marine and heavy industry.

In October 2021, Kelvion is expanding its, The Port of Catoosa site, to meet the growing demand in the North American market. The company investment of USD 6 million will increase manufacturing and create jobs.

Global Shell & Tube Heat Exchanger Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Material, Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Material offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Material:

Steel

Nickel & Nickel Alloys

Titanium

Tantalum

Others

By Application:

Chemicals

Petrochemicals and Oil & Gas

HVAC & Refrigeration

Food & Beverages

Power Generation

Pulp & Paper

Others

By Region:

North America

U.S.

Canada

Europe

UK  
Germany  
France  
Spain  
Italy  
ROE  
Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
  - 1.2.1. Shell & Tube Heat Exchanger Market, by Region, 2019-2029 (USD Billion)
  - 1.2.2. Shell & Tube Heat Exchanger Market, by Material, 2019-2029 (USD Billion)
  - 1.2.3. Shell & Tube Heat Exchanger Market, by Application, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL SHELL & TUBE HEAT EXCHANGER MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL SHELL & TUBE HEAT EXCHANGER MARKET DYNAMICS**

- 3.1. Shell & Tube Heat Exchanger Market Impact Analysis (2019-2029)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Rising investment in industrial projects and manufacturing projects
    - 3.1.1.2. Growth in the oil refineries and petrochemical plants
  - 3.1.2. Market Challenges
    - 3.1.2.1. Rising Volatility in raw material prices
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Growing aftermarket for shell & tube heat exchangers

### **CHAPTER 4. GLOBAL SHELL & TUBE HEAT EXCHANGER MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers

- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
- 4.4. Investment Adoption Model
- 4.5. Analyst Recommendation & Conclusion
- 4.6. Top investment opportunity
- 4.7. Top winning strategies

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

## **CHAPTER 6. GLOBAL SHELL & TUBE HEAT EXCHANGER MARKET, BY MATERIAL**

- 6.1. Market Snapshot
- 6.2. Global Shell & Tube Heat Exchanger Market by Material, Performance - Potential Analysis
- 6.3. Global Shell & Tube Heat Exchanger Market Estimates & Forecasts by Material 2019-2029 (USD Billion)
- 6.4. Shell & Tube Heat Exchanger Market, Sub Segment Analysis
  - 6.4.1. Steel
  - 6.4.2. Nickel & Nickel Alloys
  - 6.4.3. Titanium
  - 6.4.4. Tantalum
  - 6.4.5. Others

## **CHAPTER 7. GLOBAL SHELL & TUBE HEAT EXCHANGER MARKET, BY APPLICATION**

- 7.1. Market Snapshot

7.2. Global Shell & Tube Heat Exchanger Market by Application, Performance - Potential Analysis

7.3. Global Shell & Tube Heat Exchanger Market Estimates & Forecasts by Application 2019-2029 (USD Billion)

7.4. Shell & Tube Heat Exchanger Market, Sub Segment Analysis

7.4.1. Chemicals

7.4.2. Petrochemicals and Oil & Gas

7.4.3. HVAC & Refrigeration

7.4.4. Food & Beverages

7.4.5. Power Generation

7.4.6. Pulp & Paper

7.4.7. Others

## **CHAPTER 8. GLOBAL SHELL & TUBE HEAT EXCHANGER MARKET, REGIONAL ANALYSIS**

8.1. Shell & Tube Heat Exchanger Market, Regional Market Snapshot

8.2. North America Shell & Tube Heat Exchanger Market

8.2.1. U.S. Shell & Tube Heat Exchanger Market

8.2.1.1. Material breakdown estimates & forecasts, 2019-2029

8.2.1.2. Application breakdown estimates & forecasts, 2019-2029

8.2.2. Canada Shell & Tube Heat Exchanger Market

8.3. Europe Shell & Tube Heat Exchanger Market Snapshot

8.3.1. U.K. Shell & Tube Heat Exchanger Market

8.3.2. Germany Shell & Tube Heat Exchanger Market

8.3.3. France Shell & Tube Heat Exchanger Market

8.3.4. Spain Shell & Tube Heat Exchanger Market

8.3.5. Italy Shell & Tube Heat Exchanger Market

8.3.6. Rest of Europe Shell & Tube Heat Exchanger Market

8.4. Asia-Pacific Shell & Tube Heat Exchanger Market Snapshot

8.4.1. China Shell & Tube Heat Exchanger Market

8.4.2. India Shell & Tube Heat Exchanger Market

8.4.3. Japan Shell & Tube Heat Exchanger Market

8.4.4. Australia Shell & Tube Heat Exchanger Market

8.4.5. South Korea Shell & Tube Heat Exchanger Market

8.4.6. Rest of Asia Pacific Shell & Tube Heat Exchanger Market

8.5. Latin America Shell & Tube Heat Exchanger Market Snapshot

8.5.1. Brazil Shell & Tube Heat Exchanger Market

8.5.2. Mexico Shell & Tube Heat Exchanger Market

## 8.6. Rest of The World Shell & Tube Heat Exchanger Market

### **CHAPTER 9. COMPETITIVE INTELLIGENCE**

#### 9.1. Top Market Strategies

#### 9.2. Company Profiles

##### 9.2.1. Alfa Laval Ab

###### 9.2.1.1. Key Information

###### 9.2.1.2. Overview

###### 9.2.1.3. Financial (Subject to Data Availability)

###### 9.2.1.4. Product Summary

###### 9.2.1.5. Recent Developments

##### 9.2.2. Hrs Heat Exchangers

##### 9.2.3. Kelvion

##### 9.2.4. Xylem

##### 9.2.5. Api Heat Transfer

##### 9.2.6. Koch Heat Transfer

##### 9.2.7. Manninng & Lewis

##### 9.2.8. Mersen

##### 9.2.9. Thermax

##### 9.2.10. Thermofin

### **CHAPTER 10. RESEARCH PROCESS**

#### 10.1. Research Process

##### 10.1.1. Data Mining

##### 10.1.2. Analysis

##### 10.1.3. Market Estimation

##### 10.1.4. Validation

##### 10.1.5. Publishing

#### 10.2. Research Attributes

#### 10.3. Research Assumption



## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Shell & Tube Heat Exchanger Market, report scope
- TABLE 2. Global Shell & Tube Heat Exchanger Market estimates & forecasts by Region 2019-2029 (USD Billion)
- TABLE 3. Global Shell & Tube Heat Exchanger Market estimates & forecasts by Material 2019-2029 (USD Billion)
- TABLE 4. Global Shell & Tube Heat Exchanger Market estimates & forecasts by Application 2019-2029 (USD Billion)
- TABLE 5. Global Shell & Tube Heat Exchanger Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 6. Global Shell & Tube Heat Exchanger Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 7. Global Shell & Tube Heat Exchanger Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 8. Global Shell & Tube Heat Exchanger Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 9. Global Shell & Tube Heat Exchanger Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 10. Global Shell & Tube Heat Exchanger Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 11. Global Shell & Tube Heat Exchanger Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 12. Global Shell & Tube Heat Exchanger Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 13. Global Shell & Tube Heat Exchanger Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 14. Global Shell & Tube Heat Exchanger Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 15. U.S. Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 16. U.S. Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 17. U.S. Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 18. Canada Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 19. Canada Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 20. Canada Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. UK Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 22. UK Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 23. UK Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. Germany Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 25. Germany Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 26. Germany Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. France Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 28. France Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 29. France Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. Italy Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 31. Italy Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 32. Italy Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Spain Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 34. Spain Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 35. Spain Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. RoE Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 37. RoE Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 38. RoE Shell & Tube Heat Exchanger Market estimates & forecasts by

segment 2019-2029 (USD Billion)

TABLE 39. China Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. China Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. India Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. India Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. Japan Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 46. Japan Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. Japan Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. South Korea Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 49. South Korea Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. South Korea Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. Australia Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 52. Australia Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. Australia Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. RoAPAC Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 55. RoAPAC Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. RoAPAC Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. Brazil Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 58. Brazil Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 59. Brazil Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Mexico Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 61. Mexico Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 62. Mexico Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. RoLA Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 64. RoLA Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 65. RoLA Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. Row Shell & Tube Heat Exchanger Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 67. Row Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 68. Row Shell & Tube Heat Exchanger Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Shell & Tube Heat Exchanger Market

TABLE 70. List of primary sources, used in the study of global Shell & Tube Heat Exchanger Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Shell & Tube Heat Exchanger Market, research methodology
- FIG 2. Global Shell & Tube Heat Exchanger Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Shell & Tube Heat Exchanger Market, key trends 2021
- FIG 5. Global Shell & Tube Heat Exchanger Market, growth prospects 2022-2029
- FIG 6. Global Shell & Tube Heat Exchanger Market, porters 5 force model
- FIG 7. Global Shell & Tube Heat Exchanger Market, pest analysis
- FIG 8. Global Shell & Tube Heat Exchanger Market, value chain analysis
- FIG 9. Global Shell & Tube Heat Exchanger Market by segment, 2019 & 2029 (USD Billion)
- FIG 10. Global Shell & Tube Heat Exchanger Market by segment, 2019 & 2029 (USD Billion)
- FIG 11. Global Shell & Tube Heat Exchanger Market by segment, 2019 & 2029 (USD Billion)
- FIG 12. Global Shell & Tube Heat Exchanger Market by segment, 2019 & 2029 (USD Billion)
- FIG 13. Global Shell & Tube Heat Exchanger Market by segment, 2019 & 2029 (USD Billion)
- FIG 14. Global Shell & Tube Heat Exchanger Market, regional snapshot 2019 & 2029
- FIG 15. North America Shell & Tube Heat Exchanger Market 2019 & 2029 (USD Billion)
- FIG 16. Europe Shell & Tube Heat Exchanger Market 2019 & 2029 (USD Billion)
- FIG 17. Asia pacific Shell & Tube Heat Exchanger Market 2019 & 2029 (USD Billion)
- FIG 18. Latin America Shell & Tube Heat Exchanger Market 2019 & 2029 (USD Billion)
- FIG 19. Global Shell & Tube Heat Exchanger Market, company Market share analysis (2021)

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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