

Pressure Vessels Market by Type (Boilers, Reactors, Separators), Material, Heat Source (Fired Pressure Vessel and Unfired Pressure Vessel), Application (Storage Vessels and Processing Vessels), End-User Industry and Region - Global Forecast to 2028

<https://marketpublishers.com/r/P49DE447D11EN.html>

Date: June 2023

Pages: 199

Price: US\$ 4,950.00 (Single User License)

ID: P49DE447D11EN

Abstracts

The global pressure vessels market is estimated to grow from USD 50.3 Billion in 2023 to USD 62.7 Billion by 2028; it is expected to record a CAGR of 4.5% during the forecast period. The rise in the chemical production world wide is driving the growth for the market.

“Storage Vessels: The second largest segment of the pressure vessels market, by application“

Based on application, the pressure vessels market has been split into two types: processing vessels, and storage vessels. There is a high demand for storage vessels across various industries as there is a need for storing liquids and gases at the required temperature. Infrastructure projects, such as oil and gas pipelines, refineries, chemical plants, and power plants, often require storage vessels for various purposes. The growth of such infrastructure projects, particularly in emerging economies, can lead to an increased need for storage vessels.

“Others segment is expected to emerge as the fastest segment based on type”

By type, the pressure vessels market has been segmented into boilers, separators, reactors, and others. Others include flash drums and heat exchangers. The demand for flash drums and heat exchangers is closely tied to the overall demand for processes involving separation, heat transfer, and phase change. Industries that require efficient

separation of liquid and vapor phases or efficient heat exchange, such as in distillation, fractionation, or vaporization processes, drive the demand for flash drums and heat exchangers. This segment is expected to showcase moderate growth during the forecast period due to the high demand for heat exchangers from the chemical industry. These vessels are used for a wide range of applications across different industries.

North America is expected to be the second fastest-growing region in the pressure vessels market

Middle East and Africa is expected to be the second fastest pressure vessels market during the forecast period. The increase in horizontal drilling, especially for unconventional reserves such as tight oil and shale gas, is primarily driving the demand for pressure vessels in North America. Furthermore, the large-scale developments of brownfields in the region are contributing to the growth of the regional pressure vessel market.

Breakdown of Primaries:

In-depth interviews have been conducted with various key industry participants, subject-matter experts, C-level executives of key market players, and industry consultants, among other experts, to obtain and verify critical qualitative and quantitative information, as well as to assess future market prospects. The distribution of primary interviews is as follows:

By Company Type: Tier 1- 35%, Tier 2- 45%, and Tier 3- 20%

By Designation: C-Level- 35%, Director Levels- 25%, and Others- 40%

By Region: North America- 40%, Asia Pacific- 30%, Europe- 20%, the Middle East & Africa- 5%, and South America- 5%

Note: Others include product engineers, product specialists, and engineering leads.

Note: The tiers of the companies are defined on the basis of their total revenues as of 2021. Tier 1: > USD 1 billion, Tier 2: From USD 500 million to USD 1 billion, and Tier 3: The pressure vessels market is dominated by a few major players that have a wide regional presence. The leading players in the pressure vessels market are Bharat Heavy Electricals Limited (India), Mitsubishi Hitachi Power Systems (Japan), IHI

Coproration (Japan), Babcock & Wilcox (US), LARSEN & TOURBO LIMITED (India).

Research Coverage:

The report defines, describes, and forecasts the global pressure vessels market, by component, power source, application, and region. It also offers a detailed qualitative and quantitative analysis of the market. The report provides a comprehensive review of the major market drivers, restraints, opportunities, and challenges. It also covers various important aspects of the market. These include an analysis of the competitive landscape, market dynamics, market estimates, in terms of value, and future trends in the pressure vessels market.

Key Benefits of Buying the Report

Growing chemical production world-wide and expanding transmission and Expanding Oil & Gas Industry are some of the main factors driving the pressure vessels market. Factors such as High manufacturing and maintenance costs still restrain the market. Increase in the nuclear power generation worldwide and Evolving technologies such as hydrogen storage systems provide opportunities for the pressure vessels market to grow. Stringent standards in manufacturing of pressure vessels are major challenges faced by countries under pressure vessels development.

Product Development/ Innovation: New technologies are emerging in various applications related to pressure vessels. These advancements are revolutionizing the design, construction, and utilization of pressure vessels, offering numerous benefits, and expanding their range of applications. Storage vessels for hydrogen storage systems play a crucial role in enabling the safe and efficient storage of hydrogen. These vessels are specifically designed to store hydrogen gas under high pressure or in a cryogenic liquid form. They are designed to withstand high pressures and temperature variations, and they incorporate safety features such as pressure relief devices and leak detection systems.

Market Development: Chemical production has been experiencing significant growth worldwide. This expansion is driven by various factors such as industrialization, population growth, urbanization, and increasing consumer demand for chemical-based products. Pressure vessels play a vital role in the chemical industry, serving various purposes in the storage and processing of

chemicals. The Asia Pacific region is anticipated to witness rapid growth in the pressure vessels market due to increasing industrialization and upcoming power plant construction projects. The region's demand for pressure vessels is further expected to be boosted by the construction of chemical and petrochemical refineries

Market Diversification: LARSEN & TOUBRO LIMITED announced the signing of a Memorandum of Understanding (MoU) with the Norway-based H2Carrier (H2C) to co-operate towards developing floating green ammonia projects for industrial-scale applications with an aim to decarbonise the global economy.

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like Bharat Heavy Electricals Limited (India), Mitsubishi Hitachi Power Systems (Japan), IHI Corporation (Japan), Babcock & Wilcox (US), LARSEN & TOURBO LIMITED (India) among others in the pressure vessels market

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.3 INCLUSIONS AND EXCLUSIONS

1.3.1 PRESSURE VESSELS MARKET, BY TYPE

1.3.2 PRESSURE VESSELS MARKET, BY HEAT SOURCE

1.3.3 PRESSURE VESSELS MARKET, BY APPLICATION

1.3.4 PRESSURE VESSELS MARKET, BY END-USER INDUSTRY

1.4 MARKET SCOPE

1.4.1 MARKETS COVERED

1.4.2 REGIONAL SCOPE

1.4.3 YEARS CONSIDERED

1.5 CURRENCY CONSIDERED

1.6 LIMITATIONS

1.7 STAKEHOLDERS

1.8 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 1 PRESSURE VESSELS MARKET: RESEARCH DESIGN

2.2 MARKET BREAKDOWN AND DATA TRIANGULATION

FIGURE 2 DATA TRIANGULATION METHODOLOGY

2.2.1 SECONDARY DATA

2.2.1.1 Key data from secondary sources

2.2.2 PRIMARY DATA

2.2.2.1 Key data from primary sources

2.2.2.2 Breakdown of primaries

2.3 STUDY SCOPE

FIGURE 3 MAIN METRICS CONSIDERED TO ANALYZE AND ASSESS PRESSURE VESSEL DEMAND

2.4 MARKET SIZE ESTIMATION

2.4.1 BOTTOM-UP APPROACH

FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

2.4.2 TOP-DOWN APPROACH

FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

2.4.3 DEMAND-SIDE ANALYSIS

2.4.3.1 Regional analysis

2.4.3.2 Country-level analysis

2.4.3.3 Assumptions for demand-side analysis

2.4.3.4 Calculations for demand-side analysis

2.4.3.5 Supply-side analysis

FIGURE 6 KEY STEPS CONSIDERED TO ASSESS PRESSURE VESSEL SUPPLY

FIGURE 7 PRESSURE VESSELS MARKET: SUPPLY-SIDE ANALYSIS

2.4.3.6 Calculations for supply-side analysis

2.4.3.7 Assumptions for supply-side analysis

FIGURE 8 COMPANY MARKET SHARE ANALYSIS, 2022

2.4.4 MARKET SIZE FORECAST

2.5 RISK ASSESSMENT

2.6 RECESSION IMPACT

3 EXECUTIVE SUMMARY

TABLE 1 SNAPSHOT OF PRESSURE VESSELS MARKET, 2023 VS. 2028

FIGURE 9 ASIA PACIFIC ACCOUNTED FOR LARGEST SHARE OF PRESSURE VESSELS MARKET IN 2022

FIGURE 10 BOILERS TO HOLD LARGEST SHARE OF PRESSURE VESSELS MARKET, BY TYPE, THROUGHOUT FORECAST PERIOD

FIGURE 11 PROCESSING VESSELS TO LEAD PRESSURE VESSELS MARKET, BY APPLICATION, DURING FORECAST PERIOD

FIGURE 12 FIRED PRESSURE VESSELS TO CAPTURE LARGER SHARE OF PRESSURE VESSELS MARKET, BY HEAT SOURCE, THROUGHOUT FORECAST PERIOD

FIGURE 13 POWER INDUSTRY TO HOLD LARGEST SHARE OF PRESSURE VESSELS MARKET DURING FORECAST PERIOD

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN PRESSURE VESSELS MARKET

FIGURE 14 GROWING CHEMICAL PRODUCTION AND TECHNOLOGICAL ADVANCEMENTS AND MATERIAL INNOVATIONS WORLDWIDE TO ACCELERATE MARKET GROWTH

4.2 ASIA PACIFIC: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY AND COUNTRY

FIGURE 15 POWER INDUSTRY AND CHINA HELD LARGEST SHARES OF PRESSURE VESSELS MARKET IN ASIA PACIFIC IN 2022

4.3 PRESSURE VESSELS MARKET, BY TYPE

FIGURE 16 BOILERS TO DOMINATE PRESSURE VESSELS MARKET IN 2028

4.4 PRESSURE VESSELS MARKET, BY APPLICATION

FIGURE 17 PROCESSING VESSELS TO LEAD PRESSURE VESSELS MARKET IN 2028

4.5 PRESSURE VESSELS MARKET, BY HEAT SOURCE

FIGURE 18 FIRED PRESSURE VESSELS TO COMMAND MARKET IN 2028

4.6 PRESSURE VESSELS MARKET, BY END-USER INDUSTRY

FIGURE 19 POWER INDUSTRY TO BE LARGEST STAKEHOLDER OF PRESSURE VESSELS MARKET IN 2028

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 20 PRESSURE VESSELS MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

5.2.1 DRIVERS

5.2.1.1 Growing chemical production industry

FIGURE 21 GLOBAL CHEMICAL PRODUCTION SALES, 2015 TO 2021

5.2.1.2 Thriving oil & gas industry

FIGURE 22 OIL DEMAND TREND, BY REGION, 2019 TO 2026

5.2.2 RESTRAINTS

5.2.2.1 High manufacturing and maintenance costs

5.2.3 OPPORTUNITIES

5.2.3.1 Increasing focus on nuclear power generation

TABLE 2 NEW REACTORS UNDER CONSTRUCTION (AS OF DECEMBER 31, 2021)

5.2.3.2 Evolving technologies such as hydrogen storage systems

5.2.4 CHALLENGES

5.2.4.1 Stringent manufacturing standards and quality guidelines to be followed by pressure vessel manufacturers

5.2.4.2 Volatile prices of raw materials

FIGURE 23 GLOBAL NOMINAL PRICES FOR ALUMINUM AND COPPER, 2019–2022 (USD/MT)

5.3 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS

5.3.1 REVENUE SHIFTS AND NEW REVENUE POCKETS FOR PRESSURE VESSEL MANUFACTURERS

FIGURE 24 REVENUE SHIFTS FOR PRESSURE VESSEL MANUFACTURERS**5.4 MARKET MAPPING****TABLE 3 PRESSURE VESSELS MARKET: ECOSYSTEM ANALYSIS****FIGURE 25 MARKET MAP/ECOSYSTEM ANALYSIS****5.5 VALUE CHAIN ANALYSIS****FIGURE 26 PRESSURE VESSELS MARKET: VALUE CHAIN ANALYSIS****5.5.1 RAW MATERIAL PROVIDERS/SUPPLIERS****5.5.2 COMPONENT MANUFACTURERS****5.5.3 PRESSURE VESSEL MANUFACTURERS/ASSEMBLERS****5.5.4 DISTRIBUTORS/END USERS****5.5.5 POST-SALES SERVICE PROVIDERS****5.6 AVERAGE SELLING PRICE (ASP) ANALYSIS****FIGURE 27 AVERAGE SELLING PRICE OF PRESSURE VESSELS, BY TYPE****TABLE 4 AVERAGE SELLING PRICE OF PRESSURE VESSELS, BY TYPE, 2021 VS. 2028 (USD)****TABLE 5 AVERAGE SELLING PRICE OF PRESSURE VESSELS, BY REGION, 2021 VS. 2028 (USD)****FIGURE 28 PRICING ANALYSIS, BY REGION, 2021 VS. 2028 (USD)****5.7 TECHNOLOGY ANALYSIS****5.7.1 HYDROGEN STORAGE SYSTEMS****5.8 TARIFF AND REGULATORY LANDSCAPE****5.8.1 TARIFF FOR PRESSURE VESSEL COMPONENTS CLASSIFIED UNDER HS CODE 8402****5.8.2 TARIFF FOR PRESSURE VESSEL COMPONENTS CLASSIFIED UNDER HS CODE 8401****5.8.3 TARIFF FOR PRESSURE VESSEL COMPONENTS CLASSIFIED UNDER HS CODE 8507****5.8.4 TARIFF FOR PRESSURE VESSEL COMPONENTS CLASSIFIED UNDER HS CODE 841950****5.8.5 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS****TABLE 6 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS****TABLE 7 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS****TABLE 8 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS****TABLE 9 GLOBAL: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS**

5.8.6 CODES AND REGULATIONS RELATED TO PRESSURE VESSELS
TABLE 10 PRESSURE VESSELS MARKET: CODES AND REGULATIONS

5.9 PATENT ANALYSIS

TABLE 11 PRESSURE VESSELS MARKET: INNOVATION AND PATENT
REGISTRATION

5.10 TRADE ANALYSIS

5.10.1 EXPORT SCENARIO

TABLE 12 EXPORT SCENARIO FOR HS CODE 8401, BY COUNTRY, 2020–2022
(USD THOUSAND)

5.10.2 IMPORT SCENARIO

TABLE 13 IMPORT SCENARIO FOR HS CODE 8401, BY COUNTRY, 2020–2022
(USD THOUSAND)

5.11 CASE STUDY ANALYSIS

5.11.1 SCIENTISTS FROM IMPERIAL COLLEGE USED NUCLEAR FUEL
CLADDING TECHNIQUE TO ENHANCE FUEL EFFICIENCY AND IMPROVE
REACTOR SAFETY STANDARDS

5.11.2 BABCOCK WANSON DEPLOYED BOILERS AT BEDFORD HOSPITAL FOR
PRECISE CONTROL OVER STEAM OUTPUT AND QUALITY

5.12 KEY CONFERENCES AND EVENTS, 2023–2024

TABLE 14 PRESSURE VESSELS MARKET: LIST OF CONFERENCES AND EVENTS

5.13 PORTER'S FIVE FORCES ANALYSIS

FIGURE 29 PRESSURE VESSELS MARKET: PORTER'S FIVE FORCES ANALYSIS

TABLE 15 PRESSURE VESSELS MARKET: PORTER'S FIVE FORCES ANALYSIS

5.13.1 THREAT OF NEW ENTRANTS

5.13.2 BARGAINING POWER OF SUPPLIERS

5.13.3 BARGAINING POWER OF BUYERS

5.13.4 THREAT OF SUBSTITUTES

5.13.5 INTENSITY OF COMPETITIVE RIVALRY

5.14 KEY STAKEHOLDERS AND BUYING CRITERIA

5.14.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 30 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS, BY END-
USER INDUSTRY

TABLE 16 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS, BY END-
USER INDUSTRY (%)

5.14.2 MAJOR BUYING CRITERIA

FIGURE 31 KEY BUYING CRITERIA FOR END-USER INDUSTRIES

TABLE 17 KEY BUYING CRITERIA, BY END-USER INDUSTRY

6 MATERIALS USED IN CONSTRUCTION OF PRESSURE VESSELS

6.1 INTRODUCTION

6.2 PRESSURE VESSEL MATERIALS

6.2.1 TITANIUM

6.2.2 NICKEL ALLOYS

6.2.3 ALUMINUM

6.2.4 OTHER PRESSURE VESSEL MATERIALS

6.3 CLADDING MATERIALS

6.3.1 TITANIUM

6.3.2 STAINLESS STEEL

6.3.3 TANTALUM

6.3.4 NICKEL ALLOYS

6.3.5 ZIRCONIUM

7 PRESSURE VESSELS MARKET, BY APPLICATION

7.1 INTRODUCTION

FIGURE 32 PRESSURE VESSELS MARKET, BY APPLICATION, 2022

TABLE 18 PRESSURE VESSELS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

7.2 STORAGE VESSELS

7.2.1 HIGH STORAGE CAPACITY AND FLEXIBILITY IN TRANSPORTATION TO STIMULATE DEMAND FOR STORAGE VESSELS

TABLE 19 STORAGE VESSELS: PRESSURE VESSELS MARKET, BY REGION, 2021–2028 (USD MILLION)

7.3 PROCESSING VESSELS

7.3.1 ADVANCEMENTS IN DESIGNING AND MANUFACTURING PROCESSES TO ACCELERATE DEMAND FOR PROCESS VESSELS

TABLE 20 PROCESSING VESSELS: PRESSURE VESSELS MARKET, BY REGION, 2021–2028 (USD MILLION)

8 PRESSURE VESSELS MARKET, BY HEAT SOURCE

8.1 INTRODUCTION

FIGURE 33 PRESSURE VESSELS MARKET, BY HEAT SOURCE, 2022

TABLE 21 PRESSURE VESSELS MARKET, BY HEAT SOURCE, 2021–2028 (USD MILLION)

8.2 FIRED PRESSURE VESSELS

8.2.1 INCREASING REQUIREMENT FOR FIRED PRESSURE VESSELS IN POWER

PLANTS TO CONTRIBUTE TO MARKET GROWTH

TABLE 22 FIRED PRESSURE VESSELS: PRESSURE VESSELS MARKET, BY REGION, 2021–2028 (USD MILLION)

8.3 UNFIRED PRESSURE VESSELS

8.3.1 LOWER INITIAL INVESTMENTS AND REDUCED OPERATIONAL EXPENSES TO BOOST SEGMENTAL GROWTH

TABLE 23 UNFIRED PRESSURE VESSELS: PRESSURE VESSELS MARKET, BY REGION, 2021–2028 (USD MILLION)

9 PRESSURE VESSELS MARKET, BY TYPE

9.1 INTRODUCTION

FIGURE 34 PRESSURE VESSELS MARKET, BY TYPE, 2022

TABLE 24 PRESSURE VESSELS MARKET, BY TYPE, 2021–2028 (USD MILLION)

9.2 BOILERS

9.2.1 DEPENDENCE OF DEVELOPING COUNTRIES ON THERMAL POWER PLANTS TO PRODUCE ELECTRICITY TO STIMULATE SEGMENTAL GROWTH

TABLE 25 BOILERS: PRESSURE VESSELS MARKET, BY REGION, 2021–2028 (USD MILLION)

9.3 REACTORS

9.3.1 INVESTMENTS IN NUCLEAR POWER GENERATION TO DRIVE MARKET
TABLE 26 REACTORS: PRESSURE VESSELS MARKET, BY REGION, 2021–2028 (USD MILLION)

9.4 SEPARATORS

9.4.1 GROWING OIL & GAS OPERATIONS IN MIDDLE EAST AND ASIA PACIFIC TO BOOST SEGMENTAL GROWTH

TABLE 27 SEPARATORS: PRESSURE VESSELS MARKET, BY REGION, 2021–2028 (USD MILLION)

9.5 OTHER TYPES

TABLE 28 OTHER TYPES: PRESSURE VESSELS MARKET, BY REGION, 2021–2028 (USD MILLION)

10 PRESSURE VESSELS MARKET, BY END-USER INDUSTRY

10.1 INTRODUCTION

FIGURE 35 PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2022

TABLE 29 PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

10.2 POWER

10.2.1 TECHNOLOGICAL ADVANCEMENTS IN POWER INDUSTRY TO DRIVE MARKET

TABLE 30 POWER: PRESSURE VESSELS MARKET, BY REGION, 2021–2028 (USD MILLION)

10.3 OIL & GAS

10.3.1 DEVELOPMENT OF UNCONVENTIONAL RESOURCES TO CREATE OPPORTUNITIES FOR PRESSURE VESSEL PROVIDERS

TABLE 31 OIL & GAS: PRESSURE VESSELS MARKET, BY REGION, 2021–2028 (USD MILLION)

10.4 FOOD & BEVERAGE

10.4.1 FOCUS ON DOWNTIME REDUCTION AND PRODUCTION OPTIMIZATION TO INCREASE DEMAND FOR PRESSURE VESSELS

TABLE 32 FOOD & BEVERAGE: PRESSURE VESSELS MARKET, BY REGION, 2021–2028 (USD MILLION)

10.5 PHARMACEUTICAL

10.5.1 THRIVING PHARMA INDUSTRY IN ASIA PACIFIC, LATIN AMERICA, AND AFRICA TO BOOST DEMAND FOR PRESSURE VESSELS

TABLE 33 PHARMACEUTICAL: PRESSURE VESSELS MARKET, BY REGION, 2021–2028 (USD MILLION)

10.6 CHEMICAL

10.6.1 LARGE-SCALE CONSTRUCTION OF CHEMICAL REFINERIES IN ASIA PACIFIC TO PROPEL MARKET

TABLE 34 CHEMICAL: PRESSURE VESSELS MARKET, BY REGION, 2021–2028 (USD MILLION)

10.7 OTHER END-USER INDUSTRIES

TABLE 35 OTHER END-USER INDUSTRIES: PRESSURE VESSELS MARKET, BY REGION, 2021–2028 (USD MILLION)

11 PRESSURE VESSELS MARKET, BY REGION

11.1 INTRODUCTION

FIGURE 36 PRESSURE VESSELS MARKET IN ASIA PACIFIC TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

TABLE 36 PRESSURE VESSELS MARKET, IN TERMS OF VOLUME, 2021–2028 (MILLION UNITS)

TABLE 37 PRESSURE VESSELS MARKET, IN TERMS OF VALUE, 2021–2028 (USD MILLION)

11.2 ASIA PACIFIC

FIGURE 37 ASIA PACIFIC: PRESSURE VESSELS MARKET OVERVIEW

11.2.1 RECESSION IMPACT: ASIA PACIFIC

11.2.2 BY TYPE

TABLE 38 ASIA PACIFIC: PRESSURE VESSELS MARKET, BY TYPE, 2021–2028 (USD MILLION)

11.2.3 BY HEAT SOURCE

TABLE 39 ASIA PACIFIC: PRESSURE VESSELS MARKET, BY HEAT SOURCE, 2021–2028 (USD MILLION)

11.2.4 BY END-USER INDUSTRY

TABLE 40 ASIA PACIFIC: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.2.5 BY COUNTRY

TABLE 41 ASIA PACIFIC: PRESSURE VESSELS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

11.2.5.1 China

11.2.5.1.1 Rapid industrialization and rising demand for electricity to accelerate demand for pressure vessels

TABLE 42 CHINA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.2.5.2 India

11.2.5.2.1 Rising demand for power to propel market

TABLE 43 INDIA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.2.5.3 Japan

11.2.5.3.1 Growing chemical industry and changing trends in power generation to drive market

TABLE 44 JAPAN: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.2.5.4 Australia

11.2.5.4.1 Focus on increasing oil and gas exports to boost demand for pressure vessels

TABLE 45 AUSTRALIA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.2.5.5 South Korea

11.2.5.5.1 Growing chemical and power sectors to accelerate demand for pressure vessels

TABLE 46 SOUTH KOREA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.2.5.6 Malaysia

11.2.5.6.1 Growing investments in clean energy technologies to drive market

TABLE 47 MALAYSIA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.2.5.7 Indonesia

11.2.5.7.1 Modification of oil refineries to increase requirement for pressure vessels

TABLE 48 INDONESIA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.2.5.8 Rest of Asia Pacific

TABLE 49 REST OF ASIA PACIFIC: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.3 NORTH AMERICA

FIGURE 38 NORTH AMERICA: PRESSURE VESSELS MARKET SNAPSHOT

11.3.1 RECESSION IMPACT: NORTH AMERICA

11.3.2 BY TYPE

TABLE 50 NORTH AMERICA: PRESSURE VESSELS MARKET, BY TYPE, 2021–2028 (USD MILLION)

11.3.3 BY APPLICATION

TABLE 51 NORTH AMERICA: PRESSURE VESSELS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

11.3.4 BY HEAT SOURCE

TABLE 52 NORTH AMERICA: PRESSURE VESSELS MARKET, BY HEAT SOURCE, 2021–2028 (USD MILLION)

11.3.5 BY END-USER INDUSTRY

TABLE 53 NORTH AMERICA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.3.6 BY COUNTRY

TABLE 54 NORTH AMERICA: PRESSURE VESSELS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

11.3.6.1 US

11.3.6.1.1 Shale gas exploration and production activities to accelerate demand

TABLE 55 US: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.3.6.2 Canada

11.3.6.2.1 Thriving oil & gas sector to create lucrative opportunities for players in pressure vessels market

TABLE 56 CANADA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.3.6.3 Mexico

11.3.6.3.1 Increasing steel production to fuel demand for pressure vessels

TABLE 57 MEXICO: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY,

2021–2028 (USD MILLION)

11.4 EUROPE

11.4.1 RECESSION IMPACT: EUROPE

11.4.2 BY TYPE

TABLE 58 EUROPE: PRESSURE VESSELS MARKET, BY TYPE, 2021–2028 (USD MILLION)

11.4.3 BY APPLICATION

TABLE 59 EUROPE: PRESSURE VESSELS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

11.4.4 BY HEAT SOURCE

TABLE 60 EUROPE: PRESSURE VESSELS MARKET, BY HEAT SOURCE, 2021–2028 (USD MILLION)

11.4.5 BY END-USER INDUSTRY

TABLE 61 EUROPE: PRESSURE VESSELS MARKET SIZE, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.4.6 BY COUNTRY

TABLE 62 EUROPE: PRESSURE VESSELS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

11.4.6.1 Germany

11.4.6.1.1 Shifting focus toward renewable sources to generate electricity to boost demand for pressure vessels

TABLE 63 GERMANY: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.4.6.2 UK

11.4.6.2.1 Rising focus on increasing production from mature oil and gas fields to fuel market

TABLE 64 UK: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.4.6.3 France

11.4.6.3.1 Growing focus on power generation and chemical processing activities to support market growth

TABLE 65 FRANCE: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.4.6.4 Russia

11.4.6.4.1 Increasing oil exploration and production activities in Far East to drive market

TABLE 66 RUSSIA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.4.6.5 Rest of Europe

TABLE 67 REST OF EUROPE: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.5 MIDDLE EAST & AFRICA

11.5.1 RECESSION IMPACT: MIDDLE EAST & AFRICA

11.5.2 BY TYPE

TABLE 68 MIDDLE EAST & AFRICA: PRESSURE VESSELS MARKET, BY TYPE, 2021–2028 (USD MILLION)

11.5.3 BY APPLICATION

TABLE 69 MIDDLE EAST & AFRICA: PRESSURE VESSELS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

11.5.4 BY HEAT SOURCE

TABLE 70 MIDDLE EAST & AFRICA: PRESSURE VESSELS MARKET, BY HEAT SOURCE, 2021–2028 (USD MILLION)

11.5.5 BY END-USER INDUSTRY

TABLE 71 MIDDLE EAST & AFRICA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

TABLE 72 MIDDLE EAST & AFRICA: PRESSURE VESSELS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

11.5.5.1 Saudi Arabia

11.5.5.1.1 Increase in crude oil production and surge in offshore exploration activities to drive market

TABLE 73 SAUDI ARABIA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.5.5.2 UAE

11.5.5.2.1 Surging demand for pressure vessels from oil & gas and power sectors to boost market

TABLE 74 UAE: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.5.5.3 South Africa

11.5.5.3.1 Presence of large shale gas reserves in Karoo Basin to contribute to market growth

TABLE 75 SOUTH AFRICA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.5.5.4 Algeria

11.5.5.4.1 Growing power sector to boost demand for pressure vessels

TABLE 76 ALGERIA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.5.5.5 Nigeria

11.5.5.5.1 Constant developments in oil and gas fields to support market growth

TABLE 77 NIGERIA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.5.5.6 Rest of Middle East & Africa

TABLE 78 REST OF MIDDLE EAST & AFRICA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.6 SOUTH AMERICA

11.6.1 RECESSION IMPACT: SOUTH AMERICA

11.6.2 BY TYPE

TABLE 79 SOUTH AMERICA: PRESSURE VESSELS MARKET, BY TYPE, 2021–2028 (USD MILLION)

11.6.3 BY APPLICATION

TABLE 80 SOUTH AMERICA: PRESSURE VESSELS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

11.6.4 BY HEAT SOURCE

TABLE 81 SOUTH AMERICA: PRESSURE VESSELS MARKET, BY HEAT SOURCE, 2021–2028 (USD MILLION)

11.6.5 BY END-USER INDUSTRY

TABLE 82 SOUTH AMERICA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.6.6 BY COUNTRY

TABLE 83 SOUTH AMERICA: PRESSURE VESSELS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

11.6.6.1 Brazil

11.6.6.1.1 Increasing offshore exploration and production activities to boost market
TABLE 84 BRAZIL: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.6.6.2 Argentina

11.6.6.2.1 Shale development projects to increase demand for pressure vessels
TABLE 85 ARGENTINA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

11.6.6.3 Rest of South America

TABLE 86 REST OF SOUTH AMERICA: PRESSURE VESSELS MARKET, BY END-USER INDUSTRY, 2021–2028 (USD MILLION)

12 COMPETITIVE LANDSCAPE

12.1 GROWTH STRATEGIES ADOPTED BY KEY PLAYERS

TABLE 87 OVERVIEW OF KEY STRATEGIES ADOPTED BY TOP PLAYERS, 2019–2023

12.2 MARKET SHARE ANALYSIS OF TOP 5 PLAYERS, 2021

FIGURE 39 MARKET SHARE ANALYSIS OF TOP 5 PLAYERS OFFERING PRESSURE VESSELS

TABLE 88 PRESSURE VESSELS MARKET: DEGREE OF COMPETITION

12.3 PRESSURE VESSELS MARKET SHARE ANALYSIS, 2021

12.4 REVENUE ANALYSIS OF TOP 5 MARKET PLAYERS

FIGURE 40 TOP PLAYERS IN PRESSURE VESSELS MARKET FROM 2018 TO 2022

12.5 COMPANY EVALUATION QUADRANT

12.5.1 STARS

12.5.2 PERVASIVE PLAYERS

12.5.3 EMERGING LEADERS

12.5.4 PARTICIPANTS

FIGURE 41 PRESSURE VESSELS MARKET (GLOBAL) COMPANY EVALUATION MATRIX, 2022

12.6 START-UPS/SMES EVALUATION QUADRANT

12.6.1 PROGRESSIVE COMPANIES

12.6.2 RESPONSIVE COMPANIES

12.6.3 DYNAMIC COMPANIES

12.6.4 STARTING BLOCKS

FIGURE 42 PRESSURE VESSELS MARKET: START-UPS/SMES EVALUATION QUADRANT, 2021

12.7 COMPETITIVE BENCHMARKING

TABLE 89 PRESSURE VESSELS MARKET: DETAILED LIST OF KEY START-UPS/SMES

TABLE 90 PRESSURE VESSELS MARKET, BY TYPE: COMPETITIVE BENCHMARKING OF KEY START-UPS/SMES

TABLE 91 PRESSURE VESSELS MARKET, BY APPLICATION: COMPETITIVE BENCHMARKING OF KEY START-UPS/SMES

TABLE 92 PRESSURE VESSELS MARKET, BY END-USER INDUSTRY: COMPETITIVE BENCHMARKING OF KEY START-UPS/SMES

TABLE 93 PRESSURE VESSELS MARKET, BY REGION: COMPETITIVE BENCHMARKING OF KEY START-UPS/SMES

12.8 PRESSURE VESSELS MARKET: COMPANY FOOTPRINT

TABLE 94 TYPE: COMPANY FOOTPRINT

TABLE 95 END-USER INDUSTRY: COMPANY FOOTPRINT

TABLE 96 APPLICATION: COMPANY FOOTPRINT

TABLE 97 REGION: COMPANY FOOTPRINT

TABLE 98 COMPANY FOOTPRINT

12.9 COMPETITIVE SCENARIO

TABLE 99 PRESSURE VESSELS MARKET: DEALS, JANUARY 2019–APRIL 2023

TABLE 100 PRESSURE VESSELS MARKET: OTHERS, JANUARY 2019–APRIL 2023

13 COMPANY PROFILES

(Business overview, Products/Services offered, Recent Developments, MNM view)*

13.1 KEY PLAYERS

13.1.1 BHARAT HEAVY ELECTRICALS LIMITED

TABLE 101 BHARAT HEAVY ELECTRICALS LIMITED: BUSINESS OVERVIEW

FIGURE 43 BHARAT HEAVY ELECTRICALS LIMITED: COMPANY SNAPSHOT

TABLE 102 BHARAT HEAVY ELECTRICALS LIMITED: PRODUCTS/SERVICES OFFERED

TABLE 103 BHARAT HEAVY ELECTRICALS LIMITED: DEALS

TABLE 104 BHARAT HEAVY ELECTRICALS LIMITED: OTHERS

13.1.2 MITSUBISHI HITACHI POWER SYSTEMS

TABLE 105 MITSUBISHI HITACHI POWER SYSTEMS: BUSINESS OVERVIEW

FIGURE 44 MITSUBISHI HITACHI POWER SYSTEMS: COMPANY SNAPSHOT

TABLE 106 MITSUBISHI HITACHI POWER SYSTEMS: PRODUCTS/SERVICES OFFERED

TABLE 107 MITSUBISHI HITACHI POWER SYSTEMS: OTHERS

13.1.3 IHI CORPORATION

TABLE 108 IHI CORPORATION: BUSINESS OVERVIEW

FIGURE 45 IHI CORPORATION: COMPANY SNAPSHOT

TABLE 109 IHI CORPORATION: PRODUCTS/SERVICES OFFERED

TABLE 110 IHI CORPORATION: DEALS

13.1.4 LARSEN & TOUBRO LIMITED

TABLE 111 LARSEN & TOUBRO LIMITED: BUSINESS OVERVIEW

FIGURE 46 LARSEN & TOUBRO LIMITED: COMPANY SNAPSHOT

TABLE 112 LARSEN & TOUBRO LIMITED: PRODUCTS/SERVICES OFFERED

TABLE 113 LARSEN & TOUBRO LIMITED: DEALS

TABLE 114 LARSEN & TOUBRO LIMITED: OTHERS

13.1.5 BUMHAN MECATEC

TABLE 115 BUMHAN MECATEC: COMPANY OVERVIEW

TABLE 116 BUMHAN MECATEC: PRODUCTS/SERVICES OFFERED

TABLE 117 BUMHAN MECATEC: DEALS

13.1.6 GENERAL ELECTRIC

TABLE 118 GENERAL ELECTRIC: COMPANY OVERVIEW

FIGURE 47 GENERAL ELECTRIC: COMPANY SNAPSHOT

TABLE 119 GENERAL ELECTRIC: PRODUCTS/SERVICES OFFERED

TABLE 120 GENERAL ELECTRIC: DEALS

TABLE 121 GENERAL ELECTRIC: OTHERS

13.1.7 BABCOCK & WILCOX ENTERPRISES

TABLE 122 BABCOCK & WILCOX ENTERPRISES: BUSINESS OVERVIEW

FIGURE 48 BABCOCK & WILCOX ENTERPRISES: COMPANY SNAPSHOT

TABLE 123 BABCOCK & WILCOX ENTERPRISES: PRODUCTS/SERVICES OFFERED

TABLE 124 BABCOCK & WILCOX ENTERPRISES: DEALS

TABLE 125 BABCOCK & WILCOX ENTERPRISES: OTHERS

13.1.8 HITACHI ZOSEN CORPORATION

TABLE 126 HITACHI ZOSEN CORPORATION: COMPANY OVERVIEW

FIGURE 49 HITACHI ZOSEN CORPORATION: COMPANY SNAPSHOT

TABLE 127 HITACHI ZOSEN CORPORATION: PRODUCTS/SERVICES OFFERED

TABLE 128 HITACHI ZOSEN CORPORATION: OTHERS

13.1.9 DONGFANG TURBINE CO., LTD.

TABLE 129 DONGFANG TURBINE CO., LTD.: COMPANY OVERVIEW

TABLE 130 DONGFANG TURBINE CO., LTD.: PRODUCTS/SERVICES OFFERED

13.1.10 SAMUEL, SON & CO.

TABLE 131 SAMUEL, SON & CO.: COMPANY OVERVIEW

TABLE 132 SAMUEL, SON & CO.: PRODUCTS/SERVICES OFFERED

TABLE 133 SAMUEL, SON & CO.: DEALS

13.1.11 WESTINGHOUSE ELECTRIC COMPANY

TABLE 134 WESTINGHOUSE ELECTRIC COMPANY: COMPANY OVERVIEW

TABLE 135 WESTINGHOUSE ELECTRIC COMPANY: PRODUCTS/SERVICES OFFERED

TABLE 136 WESTINGHOUSE ELECTRIC COMPANY: DEALS

13.1.12 HALVORSEN COMPANY

TABLE 137 HALVORSEN COMPANY: COMPANY OVERVIEW

TABLE 138 HALVORSEN COMPANY: PRODUCTS/SERVICES OFFERED

13.1.13 PRESSURE VESSELS (INDIA)

TABLE 139 PRESSURE VESSELS (INDIA): COMPANY OVERVIEW

TABLE 140 PRESSURE VESSELS (INDIA): PRODUCTS/SERVICES OFFERED

13.1.14 KELVION HOLDING GMBH

TABLE 141 KELVION HOLDING GMBH: COMPANY OVERVIEW

TABLE 142 KELVION HOLDING GMBH: PRODUCTS/SERVICES OFFERED

TABLE 143 KELVION HOLDING GMBH: DEALS

TABLE 144 KELVION HOLDING GMBH: OTHERS

13.1.15 VIFLOW

TABLE 145 VIFLOW: BUSINESS OVERVIEW

TABLE 146 VIFLOW: PRODUCTS/SERVICES OFFERED**13.2 OTHER PLAYERS****13.2.1 ERGIL****13.2.2 GLADWIN TANK****13.2.3 ROBINSON PIPE & VESSEL****13.2.4 HALLIBURTON****13.2.5 ALFA LAVAL**

*Details on Business overview, Products/Services offered, Recent Developments, MNM view might not be captured in case of unlisted companies.

14 APPENDIX**14.1 INSIGHTS FROM INDUSTRY EXPERTS****14.2 DISCUSSION GUIDE****14.3 KNOWLEDGESTORE: MARKETSDMARKETS' SUBSCRIPTION PORTAL****14.4 CUSTOMIZATION OPTIONS****14.5 RELATED REPORTS****14.6 AUTHOR DETAILS**

I would like to order

Product name: Pressure Vessels Market by Type (Boilers, Reactors, Separators), Material, Heat Source (Fired Pressure Vessel and Unfired Pressure Vessel), Application (Storage Vessels and Processing Vessels), End-User Industry and Region - Global Forecast to 2028

Product link: <https://marketpublishers.com/r/P49DE447D11EN.html>

Price: US\$ 4,950.00 (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/P49DE447D11EN.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