

Caisson Foundations Market - Global Industry Size, Share, Trends, Opportunity and Forecast, 2017-2027 Segmented By Type (Box, Open, Pneumatic), By Material (Timber, Steel, Reinforced Cement Concrete), By Application (Piers, Dock Structures, Large & Multi-Floor Buildings, Bridges, Others), By Function (Soil Retention, Water Retention, Transfer of Loads, Others), By Construction Method (Prefabrication, Transportation, Positioning and Immersion, Ballasting), By Region

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Abstracts

The global caisson foundations market is projected to register CAGR growth in the forecast years, 2023-2027 on the account of growth factors like increasing demand for reliable and more effective infrastructure construction underwater bodies. Rapidly growing demands for stable foundations and growing underwater and water infrastructure designs are further driving the growth of the global caisson foundation market in the upcoming five years.

Caisson foundations are pier foundations that are fabricated as hollow structures constructed on the surface, or under the water where the construction of the building is due. The hollow structure is filled with concrete material such that vacuumed environment can be created. The caisson foundations may or may not become part of the future infrastructure based on their construction and utilities. When constructed for infrastructures like bridges, piers, etc. they are constructed with advanced geotechnological engineering processes that allow a water-retaining structure that would

create a dry environment for underwater construction.

Expanding Construction Industry Drive Market Growth

Rapidly growing construction of multiple infrastructures like bridge piers, concrete dams, abutments in rivers, seas, lakes, breakwaters, and other shore construction work along with its application in pump house construction drives the growth of the global caisson foundation market in the upcoming five years. Moreover, the increasing infrastructure demands, ensure more than 30% growth in the next ten years, globally.

Applications of caisson foundations are not limited to underwater constructions. The foundations are often utilized for large and multi-story buildings and other structures too. The increasing population and the demand for residential accommodation for the growing population have surged the construction of high-rise buildings, skyscrapers, etc. thus aiding the growth of the global caisson foundations market in the future five years.

High Investment Supports Market Growth

Rising disposable income among the population, higher living standards, and demand for aesthetically pleasing infrastructure construction is anticipated to further drive the growth of the global caisson foundations market in the next five years. Industrial growth, development of large-scale manufacturing units, and complex infrastructure invite further investments from private sources as well as government-aided financial investment thus substantiating the growth of the global caisson foundations market in the future five years.

Market Segmentation

The global caisson foundations market segmentation is based on type, material, application, function, construction method, regional distribution, and competitive landscape. Based on type, the market is divided among box, open, and pneumatic. Material is further segmented into timber, steel, and reinforced cement concrete. Based on application, the market is further differentiated into piers, dock structures, large & multi-floor buildings, bridges, and others. The function segment of the market is also fragmented into soil retention, water retention, transfer of loads, and others. Based on the construction method, the market segments are defined as prefabrication, transportation, positioning and immersion, and ballasting. The market analysis also studies the regional segmentation, divided among the Asia-Pacific region, North

American region, European region, South American region, and Middle East & African region.

Company Profile

Weinstein Retro-fitting Systems, Nicholson Construction Company, AGA Construction, Inc., Evergreen Caissons Inc., Shelly Foundations Inc., Bronte Construction, Eastern Caisson Corporation, McCrossin Foundations, LLC, Foundation Structures Inc., McCrossin Foundations, Arntzen Corporation, are enlisted in a partial list of major market players of the global caisson foundations market.

Report Scope:

In this report, the global caisson foundations market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Caisson Foundations Market, By Type:

Box

Open

Pneumatic

Caisson Foundations Market, By Material:

Timber

Steel

Reinforced Cement Concrete

Caisson Foundations Market, By Application:

Piers

Dock Structures

Large & Multi-Floor Buildings

Bridges

Others

Caisson Foundations Market, By Function:

Soil Retention

Water Retention

Transfer of Loads

Others

Caisson Foundations Market, By Construction Method:

Prefabrication

Transportation

Positioning and Immersion

Ballasting

Caisson Foundations Market, By Region:

North America

United States

Mexico

Canada

Europe

France

Germany

United Kingdom

Italy

Spain

Poland

Denmark

Asia-Pacific

China

India

Japan

South Korea

Australia

Singapore

Malaysia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Iraq

Turkey

South America

Brazil

Argentina

Colombia

Peru

Chile

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the global caisson foundations market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

2. RESEARCH METHODOLOGY

3. IMPACT OF COVID-19 ON GLOBAL CAISSON FOUNDATION MARKET

4. EXECUTIVE SUMMARY

5. VOICE OF CUSTOMER

5.1. Brand Awareness

5.2. Factors Considered while Selecting a Supplier

5.3. Key Satisfaction Level

5.4. Major Challenges Faced

6. GLOBAL CAISSON FOUNDATION MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Type (Box, Open, Pneumatic)

6.2.2. By Material (Timber, Steel, Reinforced Cement Concrete)

6.2.3. By Application (Piers, Dock Structures, Large & Multi-Floor Buildings, Bridges, Others)

6.2.4. By Function (Soil Retention, Water Retention, Transfer of Loads, Others)

6.2.5. By Construction Method (Prefabrication, Transportation, Positioning and Immersion, Ballasting)

6.2.6. By Region

6.2.7. By Company (2021)

6.3. Product Market Map

7. NORTH AMERICA CAISSON FOUNDATION MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Type

- 7.2.2. By Material
- 7.2.3. By Application
- 7.2.4. By Function
- 7.2.5. By Construction Method
- 7.2.6. By Country
- 7.3. North America: Country Analysis
 - 7.3.1. United States Caisson Foundation Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Type
 - 7.3.1.2.2. By Material
 - 7.3.1.2.3. By Application
 - 7.3.1.2.4. By Function
 - 7.3.1.2.5. By Construction Method
 - 7.3.2. Canada Caisson Foundation Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Type
 - 7.3.2.2.2. By Material
 - 7.3.2.2.3. By Application
 - 7.3.2.2.4. By Function
 - 7.3.2.2.5. By Construction Method
 - 7.3.3. Mexico Caisson Foundation Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Type
 - 7.3.3.2.2. By Material
 - 7.3.3.2.3. By Application
 - 7.3.3.2.4. By Function
 - 7.3.3.2.5. By Construction Method

8. ASIA-PACIFIC CAISSON FOUNDATION MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value
- 8.2. Market Share & Forecast

- 8.2.1. By Type
- 8.2.2. By Material
- 8.2.3. By Application
- 8.2.4. By Function
- 8.2.5. By Construction Method
- 8.2.6. By Country
- 8.3. Asia-Pacific: Country Analysis
 - 8.3.1. China Caisson Foundation Market Outlook
 - 8.3.1.1. Market Size & Forecast
 - 8.3.1.1.1. By Value
 - 8.3.1.2. Market Share & Forecast
 - 8.3.1.2.1. By Type
 - 8.3.1.2.2. By Material
 - 8.3.1.2.3. By Application
 - 8.3.1.2.4. By Function
 - 8.3.1.2.5. By Construction Method
 - 8.3.2. India Caisson Foundation Market Outlook
 - 8.3.2.1. Market Size & Forecast
 - 8.3.2.1.1. By Value
 - 8.3.2.2. Market Share & Forecast
 - 8.3.2.2.1. By Type
 - 8.3.2.2.2. By Material
 - 8.3.2.2.3. By Application
 - 8.3.2.2.4. By Function
 - 8.3.2.2.5. By Construction Method
 - 8.3.3. Japan Caisson Foundation Market Outlook
 - 8.3.3.1. Market Size & Forecast
 - 8.3.3.1.1. By Value
 - 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Type
 - 8.3.3.2.2. By Material
 - 8.3.3.2.3. By Application
 - 8.3.3.2.4. By Function
 - 8.3.3.2.5. By Construction Method
 - 8.3.4. South Korea Caisson Foundation Market Outlook
 - 8.3.4.1. Market Size & Forecast
 - 8.3.4.1.1. By Value
 - 8.3.4.2. Market Share & Forecast
 - 8.3.4.2.1. By Type

- 8.3.4.2.2. By Material
- 8.3.4.2.3. By Application
- 8.3.4.2.4. By Function
- 8.3.4.2.5. By Construction Method
- 8.3.5. Australia Caisson Foundation Market Outlook
 - 8.3.5.1. Market Size & Forecast
 - 8.3.5.1.1. By Value
 - 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Type
 - 8.3.5.2.2. By Material
 - 8.3.5.2.3. By Application
 - 8.3.5.2.4. By Function
 - 8.3.5.2.5. By Construction Method
- 8.3.6. Singapore Caisson Foundation Market Outlook
 - 8.3.6.1. Market Size & Forecast
 - 8.3.6.1.1. By Value
 - 8.3.6.2. Market Share & Forecast
 - 8.3.6.2.1. By Type
 - 8.3.6.2.2. By Material
 - 8.3.6.2.3. By Application
 - 8.3.6.2.4. By Function
 - 8.3.6.2.5. By Construction Method
- 8.3.7. Malaysia Caisson Foundation Market Outlook
 - 8.3.7.1. Market Size & Forecast
 - 8.3.7.1.1. By Value
 - 8.3.7.2. Market Share & Forecast
 - 8.3.7.2.1. By Type
 - 8.3.7.2.2. By Material
 - 8.3.7.2.3. By Application
 - 8.3.7.2.4. By Function
 - 8.3.7.2.5. By Construction Method

9. EUROPE CAISSON FOUNDATION MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Type
 - 9.2.2. By Material

- 9.2.3. By Application
- 9.2.4. By Function
- 9.2.5. By Construction Method
- 9.2.6. By Country
- 9.3. Europe: Country Analysis
 - 9.3.1. Germany Caisson Foundation Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Type
 - 9.3.1.2.2. By Material
 - 9.3.1.2.3. By Application
 - 9.3.1.2.4. By Function
 - 9.3.1.2.5. By Construction Method
 - 9.3.2. United Kingdom Caisson Foundation Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Type
 - 9.3.2.2.2. By Material
 - 9.3.2.2.3. By Application
 - 9.3.2.2.4. By Function
 - 9.3.2.2.5. By Construction Method
 - 9.3.3. France Caisson Foundation Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value
 - 9.3.3.2. Market Share & Forecast
 - 9.3.3.2.1. By Type
 - 9.3.3.2.2. By Material
 - 9.3.3.2.3. By Application
 - 9.3.3.2.4. By Function
 - 9.3.3.2.5. By Construction Method
 - 9.3.4. Italy Caisson Foundation Market Outlook
 - 9.3.4.1. Market Size & Forecast
 - 9.3.4.1.1. By Value
 - 9.3.4.2. Market Share & Forecast
 - 9.3.4.2.1. By Type
 - 9.3.4.2.2. By Material
 - 9.3.4.2.3. By Application

- 9.3.4.2.4. By Function
- 9.3.4.2.5. By Construction Method
- 9.3.5. Spain Caisson Foundation Market Outlook
 - 9.3.5.1. Market Size & Forecast
 - 9.3.5.1.1. By Value
 - 9.3.5.2. Market Share & Forecast
 - 9.3.5.2.1. By Type
 - 9.3.5.2.2. By Material
 - 9.3.5.2.3. By Application
 - 9.3.5.2.4. By Function
 - 9.3.5.2.5. By Construction Method
- 9.3.6. Poland Caisson Foundation Market Outlook
 - 9.3.6.1. Market Size & Forecast
 - 9.3.6.1.1. By Value
 - 9.3.6.2. Market Share & Forecast
 - 9.3.6.2.1. By Type
 - 9.3.6.2.2. By Material
 - 9.3.6.2.3. By Application
 - 9.3.6.2.4. By Function
 - 9.3.6.2.5. By Construction Method
- 9.3.7. Denmark Caisson Foundation Market Outlook
 - 9.3.7.1. Market Size & Forecast
 - 9.3.7.1.1. By Value
 - 9.3.7.2. Market Share & Forecast
 - 9.3.7.2.1. By Type
 - 9.3.7.2.2. By Material
 - 9.3.7.2.3. By Application
 - 9.3.7.2.4. By Function
 - 9.3.7.2.5. By Construction Method

10. SOUTH AMERICA CAISSON FOUNDATION MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Type
 - 10.2.2. By Material
 - 10.2.3. By Application
 - 10.2.4. By Function

- 10.2.5. By Construction Method
- 10.2.6. By Country
- 10.3. South America: Country Analysis
 - 10.3.1. Brazil Caisson Foundation Market Outlook
 - 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value
 - 10.3.1.2. Market Share & Forecast
 - 10.3.1.2.1. By Type
 - 10.3.1.2.2. By Material
 - 10.3.1.2.3. By Application
 - 10.3.1.2.4. By Function
 - 10.3.1.2.5. By Construction Method
 - 10.3.2. Argentina Caisson Foundation Market Outlook
 - 10.3.2.1. Market Size & Forecast
 - 10.3.2.1.1. By Value
 - 10.3.2.2. Market Share & Forecast
 - 10.3.2.2.1. By Type
 - 10.3.2.2.2. By Material
 - 10.3.2.2.3. By Application
 - 10.3.2.2.4. By Function
 - 10.3.2.2.5. By Construction Method
 - 10.3.3. Colombia Caisson Foundation Market Outlook
 - 10.3.3.1. Market Size & Forecast
 - 10.3.3.1.1. By Value
 - 10.3.3.2. Market Share & Forecast
 - 10.3.3.2.1. By Type
 - 10.3.3.2.2. By Material
 - 10.3.3.2.3. By Application
 - 10.3.3.2.4. By Function
 - 10.3.3.2.5. By Construction Method
 - 10.3.4. Peru Caisson Foundation Market Outlook
 - 10.3.4.1. Market Size & Forecast
 - 10.3.4.1.1. By Value
 - 10.3.4.2. Market Share & Forecast
 - 10.3.4.2.1. By Type
 - 10.3.4.2.2. By Material
 - 10.3.4.2.3. By Application
 - 10.3.4.2.4. By Function
 - 10.3.4.2.5. By Construction Method

10.3.5. Chile Caisson Foundation Market Outlook

10.3.5.1. Market Size & Forecast

10.3.5.1.1. By Value

10.3.5.2. Market Share & Forecast

10.3.5.2.1. By Type

10.3.5.2.2. By Material

10.3.5.2.3. By Application

10.3.5.2.4. By Function

10.3.5.2.5. By Construction Method

11. MIDDLE EAST & AFRICA CAISSON FOUNDATION MARKET OUTLOOK

11.1. Market Size & Forecast

11.1.1. By Value

11.2. Market Share & Forecast

11.2.1. By Type

11.2.2. By Material

11.2.3. By Application

11.2.4. By Function

11.2.5. By Construction Method

11.2.6. By Country

11.3. Middle East & Africa: Country Analysis

11.3.1. Saudi Arabia Caisson Foundation Market Outlook

11.3.1.1. Market Size & Forecast

11.3.1.1.1. By Value

11.3.1.2. Market Share & Forecast

11.3.1.2.1. By Type

11.3.1.2.2. By Material

11.3.1.2.3. By Application

11.3.1.2.4. By Function

11.3.1.2.5. By Construction Method

11.3.2. South Africa Caisson Foundation Market Outlook

11.3.2.1. Market Size & Forecast

11.3.2.1.1. By Value

11.3.2.2. Market Share & Forecast

11.3.2.2.1. By Type

11.3.2.2.2. By Material

11.3.2.2.3. By Application

11.3.2.2.4. By Function

- 11.3.2.2.5. By Construction Method
- 11.3.3. UAE Caisson Foundation Market Outlook
 - 11.3.3.1. Market Size & Forecast
 - 11.3.3.1.1. By Value
 - 11.3.3.2. Market Share & Forecast
 - 11.3.3.2.1. By Type
 - 11.3.3.2.2. By Material
 - 11.3.3.2.3. By Application
 - 11.3.3.2.4. By Function
 - 11.3.3.2.5. By Construction Method
- 11.3.4. Iraq Caisson Foundation Market Outlook
 - 11.3.4.1. Market Size & Forecast
 - 11.3.4.1.1. By Value
 - 11.3.4.2. Market Share & Forecast
 - 11.3.4.2.1. By Type
 - 11.3.4.2.2. By Material
 - 11.3.4.2.3. By Application
 - 11.3.4.2.4. By Function
 - 11.3.4.2.5. By Construction Method
- 11.3.5. Turkey Caisson Foundation Market Outlook
 - 11.3.5.1. Market Size & Forecast
 - 11.3.5.1.1. By Value
 - 11.3.5.2. Market Share & Forecast
 - 11.3.5.2.1. By Type
 - 11.3.5.2.2. By Material
 - 11.3.5.2.3. By Application
 - 11.3.5.2.4. By Function
 - 11.3.5.2.5. By Construction Method

12. MARKET DYNAMICS

- 12.1. Drivers
- 12.2. Challenges

13. MARKET TRENDS & DEVELOPMENTS

14. COMPANY PROFILES

- 14.1. Weinstein Retro-fitting Systems

- 14.2. Nicholson Construction Company
- 14.3. AGA Construction, Inc.
- 14.4. Evergreen Caissons Inc.
- 14.5. Shelly Foundations Inc.
- 14.6. Bronte Construction
- 14.7. Eastern Caisson Corporation
- 14.8. McCrossin Foundations, LLC
- 14.9. Foundation Structures Inc.
- 14.10. McCrossin Foundations
- 14.11. Arntzen Corporation

15. STRATEGIC RECOMMENDATIONS

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