

# Concrete Pipe Global Market Insights 2025, Analysis and Forecast to 2030, by Manufacturers, Regions, Technology, Application

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## Abstracts

### Overview

The concrete pipe market is projected to witness significant growth from 2025 to 2030, driven by increasing infrastructure activities, urbanization, and a rising focus on sustainable construction practices. Concrete pipes play a crucial role in various applications such as stormwater management, sanitary sewer systems, and irrigation, contributing to their widespread adoption across the globe.

### Market Size

The global concrete pipe market size was valued at approximately \$10.5 billion in 2025, with expectations to reach around \$14.5 billion by 2030, exhibiting a compound annual growth rate (CAGR) of about 6.5% during the forecast period. Rising investments in infrastructure development, particularly in emerging economies, are expected to accelerate market growth.

### Share & Trends Analysis Report

#### By Product Type

The concrete pipe market can be segmented by product type into:

Reinforced Concrete Pipes (RCP)

Plain Concrete Pipes (PCP)

Unreinforced Concrete Pipes

Fiber-Reinforced Concrete Pipes

Reinforced concrete pipes dominate the market, holding a share of about 65% in 2025

due to their strength and durability. Plain concrete pipes follow with a share of approximately 20%, while fiber-reinforced concrete pipes are gaining traction, expected to grow at a CAGR of 8% during the forecast period, facilitated by advancements in material technology.

#### By Key Players

Key players in the concrete pipe market include:

Quikrete  
Forterra  
Oldcastle CRH Precast  
Advanced Drainage Systems Inc.  
Saint-Gobain  
U.S. Concrete Inc.  
CPP (Concrete Pipe & Precast)  
Henan Zhenyuan Science & Technology Co., Ltd.

These companies are focusing on product innovation, strategic partnerships, and expanding their distribution networks to enhance their market position.

#### By Process

The market can also be analyzed based on the manufacturing process, categorized into:

Spun Concrete Pipe Manufacturing  
Precast Concrete Pipe Manufacturing

Spun concrete pipe manufacturing is expected to be the fastest-growing segment, estimated to grow at a CAGR of 7% owing to its efficiency in producing high-quality products.

#### By Application

The application segments of the concrete pipe market include:

Storm Drains  
Storm Sewers  
Culverts  
Irrigation  
Sanitary Sewers

## Others

Storm drains and sanitary sewers are among the leading applications, collectively accounting for over 50% of the market share in 2025, as urban populations continue to rise and necessitate upgraded wastewater management infrastructure.

## By End-Use

The end-use segments for concrete pipes include:

Government Projects

Residential Projects

Commercial Projects

Industrial Projects

Government projects are expected to hold the largest share, approximately 40%, as investment in public infrastructure remains a priority for national economies globally. The industrial projects segment is also expected to show significant growth, driven by an increase in manufacturing and supply chain activities.

## By Region

Regionally, the concrete pipe market is segmented into:

North America

Europe

Asia Pacific

Latin America

Middle East & Africa

The Asia Pacific region is projected to dominate the market, holding over 40% share in 2025, attributed to rapid urbanization and industrialization in countries like China and India. North America and Europe are also significant markets, albeit growing at a slower pace due to maturity and stricter regulations affecting construction activities.

## Market News on Policy and Companies

Recent policy initiatives aimed at infrastructure rejuvenation in several countries are expected to fuel demand for concrete pipes. In the United States, the Infrastructure Investment and Jobs Act, allocating \$1.2 trillion for infrastructure initiatives, will drive significant investments into wastewater management systems, bolstering market growth. Additionally, companies are increasingly adopting eco-friendly practices and

technologies, in line with global sustainability goals. For example, Forterra and Advanced Drainage Systems have made strides in producing recycled concrete pipes, gaining favor in environmentally conscious markets.

#### Segment Forecasts, 2025 - 2030

Forecasts for the concrete pipe market segments from 2025 to 2030 indicate continued robust growth:

The reinforced concrete pipes segment is expected to grow at a CAGR of 6%.

The storm drain application is predicted to grow at a rate of 7%.

The Asia Pacific region will continue to dominate, showing an annual growth rate of 7.5%.

Government project investments are expected to drive the end-use market with a growth of 5%-10%.

In conclusion, the global concrete pipe market is set for substantial evolution over the coming years, driven by infrastructural developments, technological advancements, and an increasing emphasis on sustainability. Stakeholders must adapt to the emerging trends to capitalize on the lucrative opportunities within this dynamic market landscape.

## Contents

### **CHAPTER 1 EXECUTIVE SUMMARY**

### **CHAPTER 2 ABBREVIATION AND ACRONYMS**

### **CHAPTER 3 PREFACE**

- 3.1 Research Scope
- 3.2 Research Sources
  - 3.2.1 Data Sources
  - 3.2.2 Assumptions
- 3.3 Research Method

### **CHAPTER 4 MARKET LANDSCAPE**

- 4.1 Market Overview
- 4.2 Classification/Types
- 4.3 Application/End Users

### **CHAPTER 5 MARKET TREND ANALYSIS**

- 5.1 Introduction
- 5.2 Drivers
- 5.3 Restraints
- 5.4 Opportunities
- 5.5 Threats

### **CHAPTER 6 INDUSTRY CHAIN ANALYSIS**

- 6.1 Upstream/Suppliers Analysis
- 6.2 Concrete Pipe Analysis
  - 6.2.1 Technology Analysis
  - 6.2.2 Cost Analysis
  - 6.2.3 Market Channel Analysis
- 6.3 Downstream Buyers/End Users

### **CHAPTER 7 LATEST MARKET DYNAMICS**

- 7.1 Latest News
- 7.2 Merger and Acquisition
- 7.3 Planned/Future Project
- 7.4 Policy Dynamics

## **CHAPTER 8 TRADING ANALYSIS**

- 8.1 Export of Concrete Pipe by Region
- 8.2 Import of Concrete Pipe by Region
- 8.3 Balance of Trade

## **CHAPTER 9 HISTORICAL AND FORECAST CONCRETE PIPE MARKET IN NORTH AMERICA (2020-2030)**

- 9.1 Concrete Pipe Market Size
- 9.2 Concrete Pipe Demand by End Use
- 9.3 Competition by Players/Suppliers
- 9.4 Type Segmentation and Price
- 9.5 Key Countries Analysis
  - 9.5.1 United States
  - 9.5.2 Canada
  - 9.5.3 Mexico

## **CHAPTER 10 HISTORICAL AND FORECAST CONCRETE PIPE MARKET IN SOUTH AMERICA (2020-2030)**

- 10.1 Concrete Pipe Market Size
- 10.2 Concrete Pipe Demand by End Use
- 10.3 Competition by Players/Suppliers
- 10.4 Type Segmentation and Price
- 10.5 Key Countries Analysis
  - 10.5.1 Brazil
  - 10.5.2 Argentina
  - 10.5.3 Chile
  - 10.5.4 Peru

## **CHAPTER 11 HISTORICAL AND FORECAST CONCRETE PIPE MARKET IN ASIA & PACIFIC (2020-2030)**

- 11.1 Concrete Pipe Market Size
- 11.2 Concrete Pipe Demand by End Use
- 11.3 Competition by Players/Suppliers
- 11.4 Type Segmentation and Price
- 11.5 Key Countries Analysis
  - 11.5.1 China
  - 11.5.2 India
  - 11.5.3 Japan
  - 11.5.4 South Korea
  - 11.5.5 Southeast Asia
  - 11.5.6 Australia

## **CHAPTER 12 HISTORICAL AND FORECAST CONCRETE PIPE MARKET IN EUROPE (2020-2030)**

- 12.1 Concrete Pipe Market Size
- 12.2 Concrete Pipe Demand by End Use
- 12.3 Competition by Players/Suppliers
- 12.4 Type Segmentation and Price
- 12.5 Key Countries Analysis
  - 12.5.1 Germany
  - 12.5.2 France
  - 12.5.3 United Kingdom
  - 12.5.4 Italy
  - 12.5.5 Spain
  - 12.5.6 Belgium
  - 12.5.7 Netherlands
  - 12.5.8 Austria
  - 12.5.9 Poland
  - 12.5.10 Russia

## **CHAPTER 13 HISTORICAL AND FORECAST CONCRETE PIPE MARKET IN MEA (2020-2030)**

- 13.1 Concrete Pipe Market Size
- 13.2 Concrete Pipe Demand by End Use
- 13.3 Competition by Players/Suppliers
- 13.4 Type Segmentation and Price
- 13.5 Key Countries Analysis

- 13.5.1 Egypt
- 13.5.2 Israel
- 13.5.3 South Africa
- 13.5.4 Gulf Cooperation Council Countries
- 13.5.5 Turkey

## **CHAPTER 14 SUMMARY FOR GLOBAL CONCRETE PIPE MARKET (2020-2025)**

- 14.1 Concrete Pipe Market Size
- 14.2 Concrete Pipe Demand by End Use
- 14.3 Competition by Players/Suppliers
- 14.4 Type Segmentation and Price

## **CHAPTER 15 GLOBAL CONCRETE PIPE MARKET FORECAST (2025-2030)**

- 15.1 Concrete Pipe Market Size Forecast
- 15.2 Concrete Pipe Demand Forecast
- 15.3 Competition by Players/Suppliers
- 15.4 Type Segmentation and Price Forecast

## **CHAPTER 16 ANALYSIS OF GLOBAL KEY VENDORS**

- 16.1 Quikrete
  - 16.1.1 Company Profile
  - 16.1.2 Main Business and Concrete Pipe Information
  - 16.1.3 SWOT Analysis of Quikrete
  - 16.1.4 Quikrete Concrete Pipe Sales, Revenue, Price and Gross Margin (2020-2025)
- 16.2 Forterra
  - 16.2.1 Company Profile
  - 16.2.2 Main Business and Concrete Pipe Information
  - 16.2.3 SWOT Analysis of Forterra
  - 16.2.4 Forterra Concrete Pipe Sales, Revenue, Price and Gross Margin (2020-2025)
- 16.3 Oldcastle CRH Precast
  - 16.3.1 Company Profile
  - 16.3.2 Main Business and Concrete Pipe Information
  - 16.3.3 SWOT Analysis of Oldcastle CRH Precast
  - 16.3.4 Oldcastle CRH Precast Concrete Pipe Sales, Revenue, Price and Gross Margin (2020-2025)
- 16.4 Advanced Drainage Systems Inc.



16.4.1 Company Profile
16.4.2 Main Business and Concrete Pipe Information
16.4.3 SWOT Analysis of Advanced Drainage Systems Inc.
16.4.4 Advanced Drainage Systems Inc. Concrete Pipe Sales, Revenue, Price and Gross Margin (2020-2025)
Please ask for sample pages for full companies list
Tables and Figures
Table Abbreviation and Acronyms List
Table Research Scope of Concrete Pipe Report
Table Data Sources of Concrete Pipe Report
Table Major Assumptions of Concrete Pipe Report
Figure Market Size Estimated Method
Figure Major Forecasting Factors
Figure Concrete Pipe Picture
Table Concrete Pipe Classification
Table Concrete Pipe Applications List
Table Drivers of Concrete Pipe Market
Table Restraints of Concrete Pipe Market
Table Opportunities of Concrete Pipe Market
Table Threats of Concrete Pipe Market
Table Raw Materials Suppliers List
Table Different Production Methods of Concrete Pipe
Table Cost Structure Analysis of Concrete Pipe
Table Key End Users List
Table Latest News of Concrete Pipe Market
Table Merger and Acquisition List
Table Planned/Future Project of Concrete Pipe Market
Table Policy of Concrete Pipe Market
Table 2020-2030 Regional Export of Concrete Pipe
Table 2020-2030 Regional Import of Concrete Pipe
Table 2020-2030 Regional Trade Balance
Figure 2020-2030 Regional Trade Balance
Table 2020-2030 North America Concrete Pipe Market Size and Market Volume List
Figure 2020-2030 North America Concrete Pipe Market Size and CAGR
Figure 2020-2030 North America Concrete Pipe Market Volume and CAGR
Table 2020-2030 North America Concrete Pipe Demand List by Application
Table 2020-2025 North America Concrete Pipe Key Players Sales List
Table 2020-2025 North America Concrete Pipe Key Players Market Share List
Table 2020-2030 North America Concrete Pipe Demand List by Type

Table 2020-2025 North America Concrete Pipe Price List by Type
Table 2020-2030 United States Concrete Pipe Market Size and Market Volume List
Table 2020-2030 United States Concrete Pipe Import & Export List
Table 2020-2030 Canada Concrete Pipe Market Size and Market Volume List
Table 2020-2030 Canada Concrete Pipe Import & Export List
Table 2020-2030 Mexico Concrete Pipe Market Size and Market Volume List
Table 2020-2030 Mexico Concrete Pipe Import & Export List
Table 2020-2030 South America Concrete Pipe Market Size and Market Volume List
Figure 2020-2030 South America Concrete Pipe Market Size and CAGR
Figure 2020-2030 South America Concrete Pipe Market Volume and CAGR
Table 2020-2030 South America Concrete Pipe Demand List by Application
Table 2020-2025 South America Concrete Pipe Key Players Sales List
Table 2020-2025 South America Concrete Pipe Key Players Market Share List
Table 2020-2030 South America Concrete Pipe Demand List by Type
Table 2020-2025 South America Concrete Pipe Price List by Type
Table 2020-2030 Brazil Concrete Pipe Market Size and Market Volume List
Table 2020-2030 Brazil Concrete Pipe Import & Export List
Table 2020-2030 Argentina Concrete Pipe Market Size and Market Volume List
Table 2020-2030 Argentina Concrete Pipe Import & Export List
Table 2020-2030 Chile Concrete Pipe Market Size and Market Volume List
Table 2020-2030 Chile Concrete Pipe Import & Export List
Table 2020-2030 Peru Concrete Pipe Market Size and Market Volume List
Table 2020-2030 Peru Concrete Pipe Import & Export List
Table 2020-2030 Asia & Pacific Concrete Pipe Market Size and Market Volume List
Figure 2020-2030 Asia & Pacific Concrete Pipe Market Size and CAGR
Figure 2020-2030 Asia & Pacific Concrete Pipe Market Volume and CAGR
Table 2020-2030 Asia & Pacific Concrete Pipe Demand List by Application
Table 2020-2025 Asia & Pacific Concrete Pipe Key Players Sales List
Table 2020-2025 Asia & Pacific Concrete Pipe Key Players Market Share List
Table 2020-2030 Asia & Pacific Concrete Pipe Demand List by Type
Table 2020-2025 Asia & Pacific Concrete Pipe Price List by Type
Table 2020-2030 China Concrete Pipe Market Size and Market Volume List
Table 2020-2030 China Concrete Pipe Import & Export List
Table 2020-2030 India Concrete Pipe Market Size and Market Volume List
Table 2020-2030 India Concrete Pipe Import & Export List
Table 2020-2030 Japan Concrete Pipe Market Size and Market Volume List
Table 2020-2030 Japan Concrete Pipe Import & Export List
Table 2020-2030 South Korea Concrete Pipe Market Size and Market Volume List
Table 2020-2030 South Korea Concrete Pipe Import & Export List

Table 2020-2030 Southeast Asia Concrete Pipe Market Size List  
Table 2020-2030 Southeast Asia Concrete Pipe Market Volume List  
Table 2020-2030 Southeast Asia Concrete Pipe Import List  
Table 2020-2030 Southeast Asia Concrete Pipe Export List  
Table 2020-2030 Australia Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 Australia Concrete Pipe Import & Export List  
Table 2020-2030 Europe Concrete Pipe Market Size and Market Volume List  
Figure 2020-2030 Europe Concrete Pipe Market Size and CAGR  
Figure 2020-2030 Europe Concrete Pipe Market Volume and CAGR  
Table 2020-2030 Europe Concrete Pipe Demand List by Application  
Table 2020-2025 Europe Concrete Pipe Key Players Sales List  
Table 2020-2025 Europe Concrete Pipe Key Players Market Share List  
Table 2020-2030 Europe Concrete Pipe Demand List by Type  
Table 2020-2025 Europe Concrete Pipe Price List by Type  
Table 2020-2030 Germany Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 Germany Concrete Pipe Import & Export List  
Table 2020-2030 France Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 France Concrete Pipe Import & Export List  
Table 2020-2030 United Kingdom Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 United Kingdom Concrete Pipe Import & Export List  
Table 2020-2030 Italy Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 Italy Concrete Pipe Import & Export List  
Table 2020-2030 Spain Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 Spain Concrete Pipe Import & Export List  
Table 2020-2030 Belgium Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 Belgium Concrete Pipe Import & Export List  
Table 2020-2030 Netherlands Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 Netherlands Concrete Pipe Import & Export List  
Table 2020-2030 Austria Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 Austria Concrete Pipe Import & Export List  
Table 2020-2030 Poland Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 Poland Concrete Pipe Import & Export List  
Table 2020-2030 Russia Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 Russia Concrete Pipe Import & Export List  
Table 2020-2030 MEA Concrete Pipe Market Size and Market Volume List  
Figure 2020-2030 MEA Concrete Pipe Market Size and CAGR  
Figure 2020-2030 MEA Concrete Pipe Market Volume and CAGR  
Table 2020-2030 MEA Concrete Pipe Demand List by Application  
Table 2020-2025 MEA Concrete Pipe Key Players Sales List

Table 2020-2025 MEA Concrete Pipe Key Players Market Share List  
Table 2020-2030 MEA Concrete Pipe Demand List by Type  
Table 2020-2025 MEA Concrete Pipe Price List by Type  
Table 2020-2030 Egypt Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 Egypt Concrete Pipe Import & Export List  
Table 2020-2030 Israel Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 Israel Concrete Pipe Import & Export List  
Table 2020-2030 South Africa Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 South Africa Concrete Pipe Import & Export List  
Table 2020-2030 Gulf Cooperation Council Countries Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 Gulf Cooperation Council Countries Concrete Pipe Import & Export List  
Table 2020-2030 Turkey Concrete Pipe Market Size and Market Volume List  
Table 2020-2030 Turkey Concrete Pipe Import & Export List  
Table 2020-2025 Global Concrete Pipe Market Size List by Region  
Table 2020-2025 Global Concrete Pipe Market Size Share List by Region  
Table 2020-2025 Global Concrete Pipe Market Volume List by Region  
Table 2020-2025 Global Concrete Pipe Market Volume Share List by Region  
Table 2020-2025 Global Concrete Pipe Demand List by Application  
Table 2020-2025 Global Concrete Pipe Demand Market Share List by Application  
Table 2020-2025 Global Concrete Pipe Capacity List  
Table 2020-2025 Global Concrete Pipe Key Vendors Capacity Share List  
Table 2020-2025 Global Concrete Pipe Key Vendors Production List  
Table 2020-2025 Global Concrete Pipe Key Vendors Production Share List  
Figure 2020-2025 Global Concrete Pipe Capacity Production and Growth Rate  
Table 2020-2025 Global Concrete Pipe Key Vendors Production Value List  
Figure 2020-2025 Global Concrete Pipe Production Value and Growth Rate  
Table 2020-2025 Global Concrete Pipe Key Vendors Production Value Share List  
Table 2020-2025 Global Concrete Pipe Demand List by Type  
Table 2020-2025 Global Concrete Pipe Demand Market Share List by Type  
Table 2020-2025 Regional Concrete Pipe Price List  
Table 2025-2030 Global Concrete Pipe Market Size List by Region  
Table 2025-2030 Global Concrete Pipe Market Size Share List by Region  
Table 2025-2030 Global Concrete Pipe Market Volume List by Region  
Table 2025-2030 Global Concrete Pipe Market Volume Share List by Region  
Table 2025-2030 Global Concrete Pipe Demand List by Application  
Table 2025-2030 Global Concrete Pipe Demand Market Share List by Application  
Table 2025-2030 Global Concrete Pipe Capacity List

Table 2025-2030 Global Concrete Pipe Key Vendors Capacity Share List  
Table 2025-2030 Global Concrete Pipe Key Vendors Production List  
Table 2025-2030 Global Concrete Pipe Key Vendors Production Share List  
Figure 2025-2030 Global Concrete Pipe Capacity Production and Growth Rate  
Table 2025-2030 Global Concrete Pipe Key Vendors Production Value List  
Figure 2025-2030 Global Concrete Pipe Production Value and Growth Rate  
Table 2025-2030 Global Concrete Pipe Key Vendors Production Value Share List  
Table 2025-2030 Global Concrete Pipe Demand List by Type  
Table 2025-2030 Global Concrete Pipe Demand Market Share List by Type  
Table 2025-2030 Concrete Pipe Regional Price List  
Table Quikrete Information  
Table SWOT Analysis of Quikrete  
Table 2020-2025 Quikrete Concrete Pipe Product Capacity Production Price Cost  
Production Value  
Figure 2020-2025 Quikrete Concrete Pipe Capacity Production and Growth Rate  
Figure 2020-2025 Quikrete Concrete Pipe Market Share  
Table Forterra Information  
Table SWOT Analysis of Forterra  
Table 2020-2025 Forterra Concrete Pipe Product Capacity Production Price Cost  
Production Value  
Figure 2020-2025 Forterra Concrete Pipe Capacity Production and Growth Rate  
Figure 2020-2025 Forterra Concrete Pipe Market Share  
Table Oldcastle CRH Precast Information  
Table SWOT Analysis of Oldcastle CRH Precast  
Table 2020-2025 Oldcastle CRH Precast Concrete Pipe Product Capacity Production  
Price Cost Production Value  
Figure 2020-2025 Oldcastle CRH Precast Concrete Pipe Capacity Production and  
Growth Rate  
Figure 2020-2025 Oldcastle CRH Precast Concrete Pipe Market Share  
Table Advanced Drainage Systems Inc. Information  
Table SWOT Analysis of Advanced Drainage Systems Inc.  
Table 2020-2025 Advanced Drainage Systems Inc. Concrete Pipe Product Capacity  
Production Price Cost Production Value  
Figure 2020-2025 Advanced Drainage Systems Inc. Concrete Pipe Capacity Production  
and Growth Rate  
Figure 2020-2025 Advanced Drainage Systems Inc. Concrete Pipe Market Share  
.....



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