

Global Friction Pendulum System (FPS) Market Research Report 2025(Status and Outlook)

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Abstracts

Report Overview

The Friction Pendulum System (FPS) is an advanced seismic isolation technology designed to protect structures from earthquake-induced vibrations by dissipating energy through sliding friction and pendulum motion. It consists of a concave sliding surface and an articulated slider that allows controlled lateral movement, reducing the transfer of seismic forces to the building. FPS is widely used in critical infrastructure, such as bridges, hospitals, and high-rise buildings, due to its ability to accommodate large displacements, self-centering capability, and minimal maintenance requirements. The system's effectiveness depends on material properties, geometric design, and load conditions, making it a customizable solution for different seismic zones. Its adoption is driven by stringent building codes in earthquake-prone regions, advancements in material science, and the growing emphasis on disaster resilience in construction.

This report provides a deep insight into the global Friction Pendulum System (FPS) market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Friction Pendulum System (FPS) Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors

and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Friction Pendulum System (FPS) market in any manner.

Global Friction Pendulum System (FPS) Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Earthquake Protection Systems (EPS)

MAURER

FIP MEC S.r.l.

ALGA SpA

T?S Teknolojik ?zolat?r Sistemleri

SAMYOUNG M-TEK

DOSHIN RUBBER

Shanghai Shidier

Shanghai Anbaixing

Newtery

Beijing Safebase New Matreial

Hengshui Shuanglin

Taiwei New Materials

Zhejiang Earthquake Prevention Technology

HEBEI BAOLI ENGINEERING EQUIPMENT

Zhuzhou Times New Material Technology

Zhenan Technology

OILES CORPORATION

Market Segmentation (by Type)

High Friction Type

Low Friction Type

Market Segmentation (by Application)

Residential Building
Commercial Building
Industrial Building
Municipal Bridge
Other

Geographic Segmentation

North America (USA, Canada, Mexico)
Europe (Germany, UK, France, Russia, Italy, Rest of Europe)
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)
South America (Brazil, Argentina, Columbia, Rest of South America)
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study
Neutral perspective on the market performance
Recent industry trends and developments
Competitive landscape & strategies of key players
Potential & niche segments and regions exhibiting promising growth covered
Historical, current, and projected market size, in terms of value
In-depth analysis of the Friction Pendulum System (FPS) Market
Overview of the regional outlook of the Friction Pendulum System (FPS) Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Friction Pendulum System (FPS) Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Friction Pendulum System (FPS), their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Friction Pendulum System (FPS)
- 1.2 Key Market Segments
 - 1.2.1 Friction Pendulum System (FPS) Segment by Type
 - 1.2.2 Friction Pendulum System (FPS) Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 FRICTION PENDULUM SYSTEM (FPS) MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Friction Pendulum System (FPS) Market Size (M USD) Estimates and Forecasts (2020-2033)
 - 2.1.2 Global Friction Pendulum System (FPS) Sales Estimates and Forecasts (2020-2033)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 FRICTION PENDULUM SYSTEM (FPS) MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global Friction Pendulum System (FPS) Product Life Cycle
- 3.3 Global Friction Pendulum System (FPS) Sales by Manufacturers (2020-2025)
- 3.4 Global Friction Pendulum System (FPS) Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Friction Pendulum System (FPS) Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Friction Pendulum System (FPS) Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Friction Pendulum System (FPS) Market Competitive Situation and Trends
 - 3.8.1 Friction Pendulum System (FPS) Market Concentration Rate

3.8.2 Global 5 and 10 Largest Friction Pendulum System (FPS) Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 FRICTION PENDULUM SYSTEM (FPS) INDUSTRY CHAIN ANALYSIS

4.1 Friction Pendulum System (FPS) Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF FRICTION PENDULUM SYSTEM (FPS) MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Friction Pendulum System (FPS) Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy ? April 2025

5.6.3 Global Trade Frictions and Their Impacts to Friction Pendulum System (FPS) Market

5.7 ESG Ratings of Leading Companies

6 FRICTION PENDULUM SYSTEM (FPS) MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Friction Pendulum System (FPS) Sales Market Share by Type (2020-2025)

6.3 Global Friction Pendulum System (FPS) Market Size Market Share by Type

(2020-2025)

6.4 Global Friction Pendulum System (FPS) Price by Type (2020-2025)

7 FRICTION PENDULUM SYSTEM (FPS) MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Friction Pendulum System (FPS) Market Sales by Application (2020-2025)

7.3 Global Friction Pendulum System (FPS) Market Size (M USD) by Application (2020-2025)

7.4 Global Friction Pendulum System (FPS) Sales Growth Rate by Application (2020-2025)

8 FRICTION PENDULUM SYSTEM (FPS) MARKET SALES BY REGION

8.1 Global Friction Pendulum System (FPS) Sales by Region

8.1.1 Global Friction Pendulum System (FPS) Sales by Region

8.1.2 Global Friction Pendulum System (FPS) Sales Market Share by Region

8.2 Global Friction Pendulum System (FPS) Market Size by Region

8.2.1 Global Friction Pendulum System (FPS) Market Size by Region

8.2.2 Global Friction Pendulum System (FPS) Market Size Market Share by Region

8.3 North America

8.3.1 North America Friction Pendulum System (FPS) Sales by Country

8.3.2 North America Friction Pendulum System (FPS) Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Friction Pendulum System (FPS) Sales by Country

8.4.2 Europe Friction Pendulum System (FPS) Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Friction Pendulum System (FPS) Sales by Region

8.5.2 Asia Pacific Friction Pendulum System (FPS) Market Size by Region

8.5.3 China Market Overview

- 8.5.4 Japan Market Overview
- 8.5.5 South Korea Market Overview
- 8.5.6 India Market Overview
- 8.5.7 Southeast Asia Market Overview
- 8.6 South America
 - 8.6.1 South America Friction Pendulum System (FPS) Sales by Country
 - 8.6.2 South America Friction Pendulum System (FPS) Market Size by Country
 - 8.6.3 Brazil Market Overview
 - 8.6.4 Argentina Market Overview
 - 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
 - 8.7.1 Middle East and Africa Friction Pendulum System (FPS) Sales by Region
 - 8.7.2 Middle East and Africa Friction Pendulum System (FPS) Market Size by Region
 - 8.7.3 Saudi Arabia Market Overview
 - 8.7.4 UAE Market Overview
 - 8.7.5 Egypt Market Overview
 - 8.7.6 Nigeria Market Overview
 - 8.7.7 South Africa Market Overview

9 FRICTION PENDULUM SYSTEM (FPS) MARKET PRODUCTION BY REGION

- 9.1 Global Production of Friction Pendulum System (FPS) by Region(2020-2025)
- 9.2 Global Friction Pendulum System (FPS) Revenue Market Share by Region (2020-2025)
- 9.3 Global Friction Pendulum System (FPS) Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Friction Pendulum System (FPS) Production
 - 9.4.1 North America Friction Pendulum System (FPS) Production Growth Rate (2020-2025)
 - 9.4.2 North America Friction Pendulum System (FPS) Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Friction Pendulum System (FPS) Production
 - 9.5.1 Europe Friction Pendulum System (FPS) Production Growth Rate (2020-2025)
 - 9.5.2 Europe Friction Pendulum System (FPS) Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Friction Pendulum System (FPS) Production (2020-2025)
 - 9.6.1 Japan Friction Pendulum System (FPS) Production Growth Rate (2020-2025)
 - 9.6.2 Japan Friction Pendulum System (FPS) Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Friction Pendulum System (FPS) Production (2020-2025)

9.7.1 China Friction Pendulum System (FPS) Production Growth Rate (2020-2025)

9.7.2 China Friction Pendulum System (FPS) Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Earthquake Protection Systems (EPS)

10.1.1 Earthquake Protection Systems (EPS) Basic Information

10.1.2 Earthquake Protection Systems (EPS) Friction Pendulum System (FPS)

Product Overview

10.1.3 Earthquake Protection Systems (EPS) Friction Pendulum System (FPS)

Product Market Performance

10.1.4 Earthquake Protection Systems (EPS) Business Overview

10.1.5 Earthquake Protection Systems (EPS) SWOT Analysis

10.1.6 Earthquake Protection Systems (EPS) Recent Developments

10.2 MAURER

10.2.1 MAURER Basic Information

10.2.2 MAURER Friction Pendulum System (FPS) Product Overview

10.2.3 MAURER Friction Pendulum System (FPS) Product Market Performance

10.2.4 MAURER Business Overview

10.2.5 MAURER SWOT Analysis

10.2.6 MAURER Recent Developments

10.3 FIP MEC S.r.l.

10.3.1 FIP MEC S.r.l. Basic Information

10.3.2 FIP MEC S.r.l. Friction Pendulum System (FPS) Product Overview

10.3.3 FIP MEC S.r.l. Friction Pendulum System (FPS) Product Market Performance

10.3.4 FIP MEC S.r.l. Business Overview

10.3.5 FIP MEC S.r.l. SWOT Analysis

10.3.6 FIP MEC S.r.l. Recent Developments

10.4 ALGA SpA

10.4.1 ALGA SpA Basic Information

10.4.2 ALGA SpA Friction Pendulum System (FPS) Product Overview

10.4.3 ALGA SpA Friction Pendulum System (FPS) Product Market Performance

10.4.4 ALGA SpA Business Overview

10.4.5 ALGA SpA Recent Developments

10.5 T?S Teknolojik ?zolat?r Sistemleri

10.5.1 T?S Teknolojik ?zolat?r Sistemleri Basic Information

10.5.2 T?S Teknolojik ?zolat?r Sistemleri Friction Pendulum System (FPS) Product

Overview

10.5.3 T?S Teknolojik ?zolat?r Sistemleri Friction Pendulum System (FPS) Product

Market Performance

10.5.4 T?S Teknolojik ?zolat?r Sistemleri Business Overview

10.5.5 T?S Teknolojik ?zolat?r Sistemleri Recent Developments

10.6 SAMYOUNG M-TEK

10.6.1 SAMYOUNG M-TEK Basic Information

10.6.2 SAMYOUNG M-TEK Friction Pendulum System (FPS) Product Overview

10.6.3 SAMYOUNG M-TEK Friction Pendulum System (FPS) Product Market

Performance

10.6.4 SAMYOUNG M-TEK Business Overview

10.6.5 SAMYOUNG M-TEK Recent Developments

10.7 DOSHIN RUBBER

10.7.1 DOSHIN RUBBER Basic Information

10.7.2 DOSHIN RUBBER Friction Pendulum System (FPS) Product Overview

10.7.3 DOSHIN RUBBER Friction Pendulum System (FPS) Product Market

Performance

10.7.4 DOSHIN RUBBER Business Overview

10.7.5 DOSHIN RUBBER Recent Developments

10.8 Shanghai Shidier

10.8.1 Shanghai Shidier Basic Information

10.8.2 Shanghai Shidier Friction Pendulum System (FPS) Product Overview

10.8.3 Shanghai Shidier Friction Pendulum System (FPS) Product Market

Performance

10.8.4 Shanghai Shidier Business Overview

10.8.5 Shanghai Shidier Recent Developments

10.9 Shanghai Anbaixing

10.9.1 Shanghai Anbaixing Basic Information

10.9.2 Shanghai Anbaixing Friction Pendulum System (FPS) Product Overview

10.9.3 Shanghai Anbaixing Friction Pendulum System (FPS) Product Market

Performance

10.9.4 Shanghai Anbaixing Business Overview

10.9.5 Shanghai Anbaixing Recent Developments

10.10 Newtery

10.10.1 Newtery Basic Information

10.10.2 Newtery Friction Pendulum System (FPS) Product Overview

10.10.3 Newtery Friction Pendulum System (FPS) Product Market Performance

10.10.4 Newtery Business Overview

10.10.5 Newtery Recent Developments

10.11 Beijing Safebase New Matreial

10.11.1 Beijing Safebase New Matreial Basic Information

10.11.2 Beijing Safebase New Matreial Friction Pendulum System (FPS) Product Overview

10.11.3 Beijing Safebase New Matreial Friction Pendulum System (FPS) Product Market Performance

10.11.4 Beijing Safebase New Matreial Business Overview

10.11.5 Beijing Safebase New Matreial Recent Developments

10.12 Hengshui Shuanglin

10.12.1 Hengshui Shuanglin Basic Information

10.12.2 Hengshui Shuanglin Friction Pendulum System (FPS) Product Overview

10.12.3 Hengshui Shuanglin Friction Pendulum System (FPS) Product Market Performance

10.12.4 Hengshui Shuanglin Business Overview

10.12.5 Hengshui Shuanglin Recent Developments

10.13 Taiwei New Materials

10.13.1 Taiwei New Materials Basic Information

10.13.2 Taiwei New Materials Friction Pendulum System (FPS) Product Overview

10.13.3 Taiwei New Materials Friction Pendulum System (FPS) Product Market Performance

10.13.4 Taiwei New Materials Business Overview

10.13.5 Taiwei New Materials Recent Developments

10.14 Zhejiang Earthquake Prevention Technology

10.14.1 Zhejiang Earthquake Prevention Technology Basic Information

10.14.2 Zhejiang Earthquake Prevention Technology Friction Pendulum System (FPS) Product Overview

10.14.3 Zhejiang Earthquake Prevention Technology Friction Pendulum System (FPS) Product Market Performance

10.14.4 Zhejiang Earthquake Prevention Technology Business Overview

10.14.5 Zhejiang Earthquake Prevention Technology Recent Developments

10.15 HEBEI BAOLI ENGINEERING EQUIPMENT

10.15.1 HEBEI BAOLI ENGINEERING EQUIPMENT Basic Information

10.15.2 HEBEI BAOLI ENGINEERING EQUIPMENT Friction Pendulum System (FPS) Product Overview

10.15.3 HEBEI BAOLI ENGINEERING EQUIPMENT Friction Pendulum System (FPS) Product Market Performance

10.15.4 HEBEI BAOLI ENGINEERING EQUIPMENT Business Overview

10.15.5 HEBEI BAOLI ENGINEERING EQUIPMENT Recent Developments

10.16 Zhuzhou Times New Material Technology

- 10.16.1 Zhuzhou Times New Material Technology Basic Information
- 10.16.2 Zhuzhou Times New Material Technology Friction Pendulum System (FPS)
Product Overview
- 10.16.3 Zhuzhou Times New Material Technology Friction Pendulum System (FPS)
Product Market Performance
- 10.16.4 Zhuzhou Times New Material Technology Business Overview
- 10.16.5 Zhuzhou Times New Material Technology Recent Developments
- 10.17 Zhenan Technology
 - 10.17.1 Zhenan Technology Basic Information
 - 10.17.2 Zhenan Technology Friction Pendulum System (FPS) Product Overview
 - 10.17.3 Zhenan Technology Friction Pendulum System (FPS) Product Market
Performance
 - 10.17.4 Zhenan Technology Business Overview
 - 10.17.5 Zhenan Technology Recent Developments
- 10.18 OILES CORPORATION
 - 10.18.1 OILES CORPORATION Basic Information
 - 10.18.2 OILES CORPORATION Friction Pendulum System (FPS) Product Overview
 - 10.18.3 OILES CORPORATION Friction Pendulum System (FPS) Product Market
Performance
 - 10.18.4 OILES CORPORATION Business Overview
 - 10.18.5 OILES CORPORATION Recent Developments

11 FRICTION PENDULUM SYSTEM (FPS) MARKET FORECAST BY REGION

- 11.1 Global Friction Pendulum System (FPS) Market Size Forecast
- 11.2 Global Friction Pendulum System (FPS) Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe Friction Pendulum System (FPS) Market Size Forecast by Country
 - 11.2.3 Asia Pacific Friction Pendulum System (FPS) Market Size Forecast by Region
 - 11.2.4 South America Friction Pendulum System (FPS) Market Size Forecast by
Country
 - 11.2.5 Middle East and Africa Forecasted Sales of Friction Pendulum System (FPS) by
Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)

- 12.1 Global Friction Pendulum System (FPS) Market Forecast by Type (2026-2033)
 - 12.1.1 Global Forecasted Sales of Friction Pendulum System (FPS) by Type
(2026-2033)

12.1.2 Global Friction Pendulum System (FPS) Market Size Forecast by Type (2026-2033)

12.1.3 Global Forecasted Price of Friction Pendulum System (FPS) by Type (2026-2033)

12.2 Global Friction Pendulum System (FPS) Market Forecast by Application (2026-2033)

12.2.1 Global Friction Pendulum System (FPS) Sales (K MT) Forecast by Application

12.2.2 Global Friction Pendulum System (FPS) Market Size (M USD) Forecast by Application (2026-2033)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Friction Pendulum System (FPS) Market Size Comparison by Region (M USD)

Table 5. Global Friction Pendulum System (FPS) Sales (K MT) by Manufacturers (2020-2025)

Table 6. Global Friction Pendulum System (FPS) Sales Market Share by Manufacturers (2020-2025)

Table 7. Global Friction Pendulum System (FPS) Revenue (M USD) by Manufacturers (2020-2025)

Table 8. Global Friction Pendulum System (FPS) Revenue Share by Manufacturers (2020-2025)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Friction Pendulum System (FPS) as of 2024)

Table 10. Global Market Friction Pendulum System (FPS) Average Price (USD/KG) of Key Manufacturers (2020-2025)

Table 11. Manufacturers? Manufacturing Sites, Areas Served

Table 12. Manufacturers? Product Type

Table 13. Global Friction Pendulum System (FPS) Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Market Overview of Key Raw Materials

Table 16. Midstream Market Analysis

Table 17. Downstream Customer Analysis

Table 18. Key Development Trends

Table 19. Driving Factors

Table 20. Friction Pendulum System (FPS) Market Challenges

Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 24. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 25. Global Friction Pendulum System (FPS) Sales by Type (K MT)

Table 26. Global Friction Pendulum System (FPS) Market Size by Type (M USD)

Table 27. Global Friction Pendulum System (FPS) Sales (K MT) by Type (2020-2025)

Table 28. Global Friction Pendulum System (FPS) Sales Market Share by Type (2020-2025)

Table 29. Global Friction Pendulum System (FPS) Market Size (M USD) by Type (2020-2025)

Table 30. Global Friction Pendulum System (FPS) Market Size Share by Type (2020-2025)

Table 31. Global Friction Pendulum System (FPS) Price (USD/KG) by Type (2020-2025)

Table 32. Global Friction Pendulum System (FPS) Sales (K MT) by Application

Table 33. Global Friction Pendulum System (FPS) Market Size by Application

Table 34. Global Friction Pendulum System (FPS) Sales by Application (2020-2025) & (K MT)

Table 35. Global Friction Pendulum System (FPS) Sales Market Share by Application (2020-2025)

Table 36. Global Friction Pendulum System (FPS) Market Size by Application (2020-2025) & (M USD)

Table 37. Global Friction Pendulum System (FPS) Market Share by Application (2020-2025)

Table 38. Global Friction Pendulum System (FPS) Sales Growth Rate by Application (2020-2025)

Table 39. Global Friction Pendulum System (FPS) Sales by Region (2020-2025) & (K MT)

Table 40. Global Friction Pendulum System (FPS) Sales Market Share by Region (2020-2025)

Table 41. Global Friction Pendulum System (FPS) Market Size by Region (2020-2025) & (M USD)

Table 42. Global Friction Pendulum System (FPS) Market Size Market Share by Region (2020-2025)

Table 43. North America Friction Pendulum System (FPS) Sales by Country (2020-2025) & (K MT)

Table 44. North America Friction Pendulum System (FPS) Market Size by Country (2020-2025) & (M USD)

Table 45. Europe Friction Pendulum System (FPS) Sales by Country (2020-2025) & (K MT)

Table 46. Europe Friction Pendulum System (FPS) Market Size by Country (2020-2025) & (M USD)

Table 47. Asia Pacific Friction Pendulum System (FPS) Sales by Region (2020-2025) & (K MT)

Table 48. Asia Pacific Friction Pendulum System (FPS) Market Size by Region

(2020-2025) & (M USD)

Table 49. South America Friction Pendulum System (FPS) Sales by Country

(2020-2025) & (K MT)

Table 50. South America Friction Pendulum System (FPS) Market Size by Country

(2020-2025) & (M USD)

Table 51. Middle East and Africa Friction Pendulum System (FPS) Sales by Region

(2020-2025) & (K MT)

Table 52. Middle East and Africa Friction Pendulum System (FPS) Market Size by Region (2020-2025) & (M USD)

Table 53. Global Friction Pendulum System (FPS) Production (K MT) by Region(2020-2025)

Table 54. Global Friction Pendulum System (FPS) Revenue (US\$ Million) by Region (2020-2025)

Table 55. Global Friction Pendulum System (FPS) Revenue Market Share by Region (2020-2025)

Table 56. Global Friction Pendulum System (FPS) Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 57. North America Friction Pendulum System (FPS) Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 58. Europe Friction Pendulum System (FPS) Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 59. Japan Friction Pendulum System (FPS) Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 60. China Friction Pendulum System (FPS) Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 61. Earthquake Protection Systems (EPS) Basic Information

Table 62. Earthquake Protection Systems (EPS) Friction Pendulum System (FPS) Product Overview

Table 63. Earthquake Protection Systems (EPS) Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 64. Earthquake Protection Systems (EPS) Business Overview

Table 65. Earthquake Protection Systems (EPS) SWOT Analysis

Table 66. Earthquake Protection Systems (EPS) Recent Developments

Table 67. MAURER Basic Information

Table 68. MAURER Friction Pendulum System (FPS) Product Overview

Table 69. MAURER Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 70. MAURER Business Overview

Table 71. MAURER SWOT Analysis

- Table 72. MAURER Recent Developments
- Table 73. FIP MEC S.r.l. Basic Information
- Table 74. FIP MEC S.r.l. Friction Pendulum System (FPS) Product Overview
- Table 75. FIP MEC S.r.l. Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 76. FIP MEC S.r.l. Business Overview
- Table 77. FIP MEC S.r.l. SWOT Analysis
- Table 78. FIP MEC S.r.l. Recent Developments
- Table 79. ALGA SpA Basic Information
- Table 80. ALGA SpA Friction Pendulum System (FPS) Product Overview
- Table 81. ALGA SpA Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 82. ALGA SpA Business Overview
- Table 83. ALGA SpA Recent Developments
- Table 84. T?S Teknolojik ?zolat?r Sistemleri Basic Information
- Table 85. T?S Teknolojik ?zolat?r Sistemleri Friction Pendulum System (FPS) Product Overview
- Table 86. T?S Teknolojik ?zolat?r Sistemleri Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 87. T?S Teknolojik ?zolat?r Sistemleri Business Overview
- Table 88. T?S Teknolojik ?zolat?r Sistemleri Recent Developments
- Table 89. SAMYOUNG M-TEK Basic Information
- Table 90. SAMYOUNG M-TEK Friction Pendulum System (FPS) Product Overview
- Table 91. SAMYOUNG M-TEK Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 92. SAMYOUNG M-TEK Business Overview
- Table 93. SAMYOUNG M-TEK Recent Developments
- Table 94. DOSHIN RUBBER Basic Information
- Table 95. DOSHIN RUBBER Friction Pendulum System (FPS) Product Overview
- Table 96. DOSHIN RUBBER Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 97. DOSHIN RUBBER Business Overview
- Table 98. DOSHIN RUBBER Recent Developments
- Table 99. Shanghai Shidier Basic Information
- Table 100. Shanghai Shidier Friction Pendulum System (FPS) Product Overview
- Table 101. Shanghai Shidier Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 102. Shanghai Shidier Business Overview
- Table 103. Shanghai Shidier Recent Developments

Table 104. Shanghai Anbaixing Basic Information

Table 105. Shanghai Anbaixing Friction Pendulum System (FPS) Product Overview

Table 106. Shanghai Anbaixing Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 107. Shanghai Anbaixing Business Overview

Table 108. Shanghai Anbaixing Recent Developments

Table 109. Newtery Basic Information

Table 110. Newtery Friction Pendulum System (FPS) Product Overview

Table 111. Newtery Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 112. Newtery Business Overview

Table 113. Newtery Recent Developments

Table 114. Beijing Safebase New Matreial Basic Information

Table 115. Beijing Safebase New Matreial Friction Pendulum System (FPS) Product Overview

Table 116. Beijing Safebase New Matreial Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 117. Beijing Safebase New Matreial Business Overview

Table 118. Beijing Safebase New Matreial Recent Developments

Table 119. Hengshui Shuanglin Basic Information

Table 120. Hengshui Shuanglin Friction Pendulum System (FPS) Product Overview

Table 121. Hengshui Shuanglin Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 122. Hengshui Shuanglin Business Overview

Table 123. Hengshui Shuanglin Recent Developments

Table 124. Taiwei New Materials Basic Information

Table 125. Taiwei New Materials Friction Pendulum System (FPS) Product Overview

Table 126. Taiwei New Materials Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 127. Taiwei New Materials Business Overview

Table 128. Taiwei New Materials Recent Developments

Table 129. Zhejiang Earthquake Prevention Technology Basic Information

Table 130. Zhejiang Earthquake Prevention Technology Friction Pendulum System (FPS) Product Overview

Table 131. Zhejiang Earthquake Prevention Technology Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 132. Zhejiang Earthquake Prevention Technology Business Overview

Table 133. Zhejiang Earthquake Prevention Technology Recent Developments

- Table 134. HEBEI BAOLI ENGINEERING EQUIPMENT Basic Information
- Table 135. HEBEI BAOLI ENGINEERING EQUIPMENT Friction Pendulum System (FPS) Product Overview
- Table 136. HEBEI BAOLI ENGINEERING EQUIPMENT Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 137. HEBEI BAOLI ENGINEERING EQUIPMENT Business Overview
- Table 138. HEBEI BAOLI ENGINEERING EQUIPMENT Recent Developments
- Table 139. Zhuzhou Times New Material Technology Basic Information
- Table 140. Zhuzhou Times New Material Technology Friction Pendulum System (FPS) Product Overview
- Table 141. Zhuzhou Times New Material Technology Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 142. Zhuzhou Times New Material Technology Business Overview
- Table 143. Zhuzhou Times New Material Technology Recent Developments
- Table 144. Zhenan Technology Basic Information
- Table 145. Zhenan Technology Friction Pendulum System (FPS) Product Overview
- Table 146. Zhenan Technology Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 147. Zhenan Technology Business Overview
- Table 148. Zhenan Technology Recent Developments
- Table 149. OILES CORPORATION Basic Information
- Table 150. OILES CORPORATION Friction Pendulum System (FPS) Product Overview
- Table 151. OILES CORPORATION Friction Pendulum System (FPS) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 152. OILES CORPORATION Business Overview
- Table 153. OILES CORPORATION Recent Developments
- Table 154. Global Friction Pendulum System (FPS) Sales Forecast by Region (2026-2033) & (K MT)
- Table 155. Global Friction Pendulum System (FPS) Market Size Forecast by Region (2026-2033) & (M USD)
- Table 156. North America Friction Pendulum System (FPS) Sales Forecast by Country (2026-2033) & (K MT)
- Table 157. North America Friction Pendulum System (FPS) Market Size Forecast by Country (2026-2033) & (M USD)
- Table 158. Europe Friction Pendulum System (FPS) Sales Forecast by Country (2026-2033) & (K MT)
- Table 159. Europe Friction Pendulum System (FPS) Market Size Forecast by Country (2026-2033) & (M USD)

Table 160. Asia Pacific Friction Pendulum System (FPS) Sales Forecast by Region (2026-2033) & (K MT)

Table 161. Asia Pacific Friction Pendulum System (FPS) Market Size Forecast by Region (2026-2033) & (M USD)

Table 162. South America Friction Pendulum System (FPS) Sales Forecast by Country (2026-2033) & (K MT)

Table 163. South America Friction Pendulum System (FPS) Market Size Forecast by Country (2026-2033) & (M USD)

Table 164. Middle East and Africa Friction Pendulum System (FPS) Sales Forecast by Country (2026-2033) & (Units)

Table 165. Middle East and Africa Friction Pendulum System (FPS) Market Size Forecast by Country (2026-2033) & (M USD)

Table 166. Global Friction Pendulum System (FPS) Sales Forecast by Type (2026-2033) & (K MT)

Table 167. Global Friction Pendulum System (FPS) Market Size Forecast by Type (2026-2033) & (M USD)

Table 168. Global Friction Pendulum System (FPS) Price Forecast by Type (2026-2033) & (USD/KG)

Table 169. Global Friction Pendulum System (FPS) Sales (K MT) Forecast by Application (2026-2033)

Table 170. Global Friction Pendulum System (FPS) Market Size Forecast by Application (2026-2033) & (M USD)

List Of Figures

LIST OF FIGURES

Figure 1. Product Picture of Friction Pendulum System (FPS)

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Friction Pendulum System (FPS) Market Size (M USD), 2024-2033

Figure 5. Global Friction Pendulum System (FPS) Market Size (M USD) (2020-2033)

Figure 6. Global Friction Pendulum System (FPS) Sales (K MT) & (2020-2033)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Friction Pendulum System (FPS) Market Size by Country (M USD)

Figure 11. Company Assessment Quadrant

Figure 12. Global Friction Pendulum System (FPS) Product Life Cycle

Figure 13. Friction Pendulum System (FPS) Sales Share by Manufacturers in 2024

Figure 14. Global Friction Pendulum System (FPS) Revenue Share by Manufacturers in 2024

Figure 15. Friction Pendulum System (FPS) Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024

Figure 16. Global Market Friction Pendulum System (FPS) Average Price (USD/KG) of Key Manufacturers in 2024

Figure 17. The Global 5 and 10 Largest Players: Market Share by Friction Pendulum System (FPS) Revenue in 2024

Figure 18. Industry Chain Map of Friction Pendulum System (FPS)

Figure 19. Global Friction Pendulum System (FPS) Market PEST Analysis

Figure 20. Global Friction Pendulum System (FPS) Market Porter's Five Forces Analysis

Figure 21. Global Merchandise Trade as a Percentage Of GDP

Figure 22. US - Imports of Goods by Country

Figure 23. China Exports by Country

Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers

Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 26. Global Friction Pendulum System (FPS) Market Share by Type

Figure 27. Sales Market Share of Friction Pendulum System (FPS) by Type (2020-2025)

Figure 28. Sales Market Share of Friction Pendulum System (FPS) by Type in 2024

Figure 29. Market Size Share of Friction Pendulum System (FPS) by Type (2020-2025)

- Figure 30. Market Size Share of Friction Pendulum System (FPS) by Type in 2024
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Friction Pendulum System (FPS) Market Share by Application
- Figure 33. Global Friction Pendulum System (FPS) Sales Market Share by Application (2020-2025)
- Figure 34. Global Friction Pendulum System (FPS) Sales Market Share by Application in 2024
- Figure 35. Global Friction Pendulum System (FPS) Market Share by Application (2020-2025)
- Figure 36. Global Friction Pendulum System (FPS) Market Share by Application in 2024
- Figure 37. Global Friction Pendulum System (FPS) Sales Growth Rate by Application (2020-2025)
- Figure 38. Global Friction Pendulum System (FPS) Sales Market Share by Region (2020-2025)
- Figure 39. Global Friction Pendulum System (FPS) Market Size Market Share by Region (2020-2025)
- Figure 40. North America Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)
- Figure 41. North America Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)
- Figure 42. North America Friction Pendulum System (FPS) Sales Market Share by Country in 2024
- Figure 43. North America Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America Friction Pendulum System (FPS) Market Size Market Share by Country in 2024
- Figure 45. U.S. Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)
- Figure 46. U.S. Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada Friction Pendulum System (FPS) Sales (K MT) and Growth Rate (2020-2025)
- Figure 48. Canada Friction Pendulum System (FPS) Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico Friction Pendulum System (FPS) Sales (Units) and Growth Rate (2020-2025)
- Figure 50. Mexico Friction Pendulum System (FPS) Market Size (Units) and Growth Rate (2020-2025)
- Figure 51. Europe Friction Pendulum System (FPS) Sales and Growth Rate

(2020-2025) & (K MT)

Figure 52. Europe Friction Pendulum System (FPS) Sales Market Share by Country in 2024

Figure 53. Europe Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Friction Pendulum System (FPS) Market Size Market Share by Country in 2024

Figure 55. Germany Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)

Figure 56. Germany Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)

Figure 58. France Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)

Figure 60. U.K. Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)

Figure 62. Italy Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)

Figure 64. Spain Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Friction Pendulum System (FPS) Sales and Growth Rate (K MT)

Figure 66. Asia Pacific Friction Pendulum System (FPS) Sales Market Share by Region in 2024

Figure 67. Asia Pacific Friction Pendulum System (FPS) Market Size Market Share by Region in 2024

Figure 68. China Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)

Figure 69. China Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)

Figure 71. Japan Friction Pendulum System (FPS) Market Size and Growth Rate

(2020-2025) & (M USD)

Figure 72. South Korea Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)

Figure 73. South Korea Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)

Figure 75. India Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)

Figure 77. Southeast Asia Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Friction Pendulum System (FPS) Sales and Growth Rate (K MT)

Figure 79. South America Friction Pendulum System (FPS) Sales Market Share by Country in 2024

Figure 80. South America Friction Pendulum System (FPS) Market Size and Growth Rate (M USD)

Figure 81. South America Friction Pendulum System (FPS) Market Size Market Share by Country in 2024

Figure 82. Brazil Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)

Figure 83. Brazil Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)

Figure 85. Argentina Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)

Figure 87. Columbia Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Friction Pendulum System (FPS) Sales and Growth Rate (K MT)

Figure 89. Middle East and Africa Friction Pendulum System (FPS) Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Friction Pendulum System (FPS) Market Size and Growth Rate (M USD)

- Figure 91. Middle East and Africa Friction Pendulum System (FPS) Market Size Market Share by Region in 2024
- Figure 92. Saudi Arabia Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)
- Figure 93. Saudi Arabia Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 94. UAE Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)
- Figure 95. UAE Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 96. Egypt Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)
- Figure 97. Egypt Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 98. Nigeria Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)
- Figure 99. Nigeria Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 100. South Africa Friction Pendulum System (FPS) Sales and Growth Rate (2020-2025) & (K MT)
- Figure 101. South Africa Friction Pendulum System (FPS) Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 102. Global Friction Pendulum System (FPS) Production Market Share by Region (2020-2025)
- Figure 103. North America Friction Pendulum System (FPS) Production (K MT) Growth Rate (2020-2025)
- Figure 104. Europe Friction Pendulum System (FPS) Production (K MT) Growth Rate (2020-2025)
- Figure 105. Japan Friction Pendulum System (FPS) Production (K MT) Growth Rate (2020-2025)
- Figure 106. China Friction Pendulum System (FPS) Production (K MT) Growth Rate (2020-2025)
- Figure 107. Global Friction Pendulum System (FPS) Sales Forecast by Volume (2020-2033) & (K MT)
- Figure 108. Global Friction Pendulum System (FPS) Market Size Forecast by Value (2020-2033) & (M USD)
- Figure 109. Global Friction Pendulum System (FPS) Sales Market Share Forecast by Type (2026-2033)
- Figure 110. Global Friction Pendulum System (FPS) Market Share Forecast by Type

(2026-2033)

Figure 111. Global Friction Pendulum System (FPS) Sales Forecast by Application

(2026-2033)

Figure 112. Global Friction Pendulum System (FPS) Market Share Forecast by

Application (2026-2033)

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