

# Global Piezoelectric Bending Actuator Production, Demand and Key Producers, 2022-2028

<https://marketpublishers.com/r/GEE2F8846199EN.html>

Date: December 2022

Pages: 118

Price: US\$ 4,480.00 (Single User License)

ID: GEE2F8846199EN

## Abstracts

Piezoelectric bending actuators operate only in the direction of polarisation, these intelligent actuators experience teething points during each bending process. Deflection and force are maintained throughout their working life. Due to the extremely high deflection speed, productivity is increased many times compared to any other type of actuator. Due to their compact design, piezoelectric bending actuators take up significantly less space

This report studies the global Piezoelectric Bending Actuator production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Piezoelectric Bending Actuator, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of Piezoelectric Bending Actuator that contribute to its increasing demand across many markets.

The global Piezoelectric Bending Actuator market size is expected to reach \$ million by 2028, rising at a market growth of % CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global Piezoelectric Bending Actuator total production and demand, 2017-2028, (Units)

Global Piezoelectric Bending Actuator total production value, 2017-2028, (USD Million)

Global Piezoelectric Bending Actuator production by region & country, production,

value, CAGR, 2017-2028, (USD Million) & (Units)

Global Piezoelectric Bending Actuator consumption by region & country, CAGR, 2017-2028 & (Units)

U.S. VS China: Piezoelectric Bending Actuator domestic production, consumption, key domestic manufacturers and share

Global Piezoelectric Bending Actuator production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (Units)

Global Piezoelectric Bending Actuator production by Type, production, value, CAGR, 2017-2028, (USD Million) & (Units)

Global Piezoelectric Bending Actuator production by Application production, value, CAGR, 2017-2028, (USD Million) & (Units)

This reports profiles key players in the global Piezoelectric Bending Actuator market based on the following parameters – headquarters, production locations, products portfolio, Piezoelectric Bending Actuator revenue, sales, average price and gross margin, recent developments.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Piezoelectric Bending Actuator market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

Global Piezoelectric Bending Actuator Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

#### Global Piezoelectric Bending Actuator Market, Segmentation by Type

Pneumatic

Hydraulics

Electric

Mechanical

#### Global Piezoelectric Bending Actuator Market, Segmentation by Application

Mechanical Engineering

Automotive Industry

Aerospace

Oil And Gas

Chemical Industry

Medical Technology

## Electrical Industry

### Companies Profiled:

APC International

CEDRAT S.A.

CTS Corporation

Dynamic Structures &

Johnson Matthey Piezo Products GmbH

Materials

MATRIX S.p.A.

Mide Technology

Murata Manufacturing Ltd

NIKKO

Pro-Lite Technology

Rotork plc

SmarAct GmbH

Thorlabs

Unictron

Xeryon

### Key Questions Answered

1. How big is the global Piezoelectric Bending Actuator market?
2. What is the demand of the global Piezoelectric Bending Actuator market?
3. What is the year over year growth of the global Piezoelectric Bending Actuator market?
4. What is the production and production value of the global Piezoelectric Bending Actuator market?
5. Who are the key producers in the global Piezoelectric Bending Actuator market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Piezoelectric Bending Actuator Introduction
- 1.2 World Piezoelectric Bending Actuator Supply & Forecast
  - 1.2.1 World Piezoelectric Bending Actuator Production Value (2017 & 2021 & 2028)
  - 1.2.2 World Piezoelectric Bending Actuator Production (2017-2028)
  - 1.2.3 World Piezoelectric Bending Actuator Pricing Trends (2017-2028)
- 1.3 World Piezoelectric Bending Actuator Production by Region
  - 1.3.1 World Piezoelectric Bending Actuator Production Value by Region (2017-2028)
  - 1.3.2 World Piezoelectric Bending Actuator Production by Region (2017-2028)
  - 1.3.3 World Piezoelectric Bending Actuator Average Price by Region (2017-2028)
  - 1.3.4 North America Piezoelectric Bending Actuator Production (2017-2028)
  - 1.3.5 Europe Piezoelectric Bending Actuator Production (2017-2028)
  - 1.3.6 China Piezoelectric Bending Actuator Production (2017-2028)
  - 1.3.7 Japan Piezoelectric Bending Actuator Production (2017-2028)
  - 1.3.8 South Korea Piezoelectric Bending Actuator Production (2017-2028)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Piezoelectric Bending Actuator Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Piezoelectric Bending Actuator Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World Piezoelectric Bending Actuator Demand (2017-2028)
- 2.2 World Piezoelectric Bending Actuator Consumption by Region
  - 2.2.1 World Piezoelectric Bending Actuator Consumption by Region (2017-2022)
  - 2.2.2 World Piezoelectric Bending Actuator Consumption Forecast by Region (2023-2028)
- 2.3 United States Piezoelectric Bending Actuator Consumption (2017-2028)
- 2.4 China Piezoelectric Bending Actuator Consumption (2017-2028)
- 2.5 Europe Piezoelectric Bending Actuator Consumption (2017-2028)
- 2.6 Japan Piezoelectric Bending Actuator Consumption (2017-2028)
- 2.7 South Korea Piezoelectric Bending Actuator Consumption (2017-2028)
- 2.8 ASEAN Piezoelectric Bending Actuator Consumption (2017-2028)

## 2.9 India Piezoelectric Bending Actuator Consumption (2017-2028)

### **3 WORLD PIEZOELECTRIC BENDING ACTUATOR MANUFACTURERS COMPETITIVE ANALYSIS**

#### 3.1 World Piezoelectric Bending Actuator Production Value by Manufacturer (2017-2022)

#### 3.2 World Piezoelectric Bending Actuator Production by Manufacturer (2017-2022)

#### 3.3 World Piezoelectric Bending Actuator Average Price by Manufacturer (2017-2022)

#### 3.4 Piezoelectric Bending Actuator Company Evaluation Quadrant

#### 3.5 Industry Rank and Concentration Rate (CR)

##### 3.5.1 Global Piezoelectric Bending Actuator Industry Rank of Major Manufacturers

##### 3.5.2 Global Concentration Ratios (CR4) for Piezoelectric Bending Actuator in 2021

##### 3.5.3 Global Concentration Ratios (CR8) for Piezoelectric Bending Actuator in 2021

#### 3.6 Piezoelectric Bending Actuator Market: Overall Company Footprint Analysis

##### 3.6.1 Piezoelectric Bending Actuator Market: Region Footprint

##### 3.6.2 Piezoelectric Bending Actuator Market: Company Product Type Footprint

##### 3.6.3 Piezoelectric Bending Actuator Market: Company Product Application Footprint

#### 3.7 Competitive Environment

##### 3.7.1 Historical Structure of the Industry

##### 3.7.2 Barriers of Market Entry

##### 3.7.3 Factors of Competition

#### 3.8 New Entrant and Capacity Expansion Plans

#### 3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

#### 4.1 United States VS China: Piezoelectric Bending Actuator Production Value Comparison

##### 4.1.1 United States VS China: Piezoelectric Bending Actuator Production Value Comparison (2017 & 2021 & 2028)

##### 4.1.2 United States VS China: Piezoelectric Bending Actuator Production Value Market Share Comparison (2017 & 2021 & 2028)

#### 4.2 United States VS China: Piezoelectric Bending Actuator Production Comparison

##### 4.2.1 United States VS China: Piezoelectric Bending Actuator Production Comparison (2017 & 2021 & 2028)

##### 4.2.2 United States VS China: Piezoelectric Bending Actuator Production Market Share Comparison (2017 & 2021 & 2028)

#### 4.3 United States VS China: Piezoelectric Bending Actuator Consumption Comparison

4.3.1 United States VS China: Piezoelectric Bending Actuator Consumption Comparison (2017 & 2021 & 2028)

4.3.2 United States VS China: Piezoelectric Bending Actuator Consumption Market Share Comparison (2017 & 2021 & 2028)

4.4 United States Piezoelectric Bending Actuator Key Producers and Market Share, 2017-2022

4.4.1 Major Manufacturer of Piezoelectric Bending Actuator in United States, Company Headquarters and Production Place (States, Country)

4.4.2 United States Piezoelectric Bending Actuator Production Value by Domestic Manufacturer, (2017-2022)

4.4.3 United States Piezoelectric Bending Actuator Production by Domestic Manufacturer, (2017-2022)

4.5 China Piezoelectric Bending Actuator Key Producers and Market Share, 2017-2022

4.5.1 Major Manufacturer of Piezoelectric Bending Actuator in China, Company Headquarters and Production Place (Province, Country)

4.5.2 China Piezoelectric Bending Actuator Production Value by Domestic Manufacturer, (2017-2022)

4.5.3 China Piezoelectric Bending Actuator Production by Domestic Manufacturer, (2017-2022)

4.6 Rest of World Piezoelectric Bending Actuator Key Producers and Market Share, 2017-2022

4.6.1 Major Manufacturer of Piezoelectric Bending Actuator in Rest of World, Company Headquarters and Production Place (State, Country)

4.6.2 Rest of World Piezoelectric Bending Actuator Production Value by Domestic Manufacturer, (2017-2022)

4.6.3 Rest of World Piezoelectric Bending Actuator Production by Domestic Manufacturer, (2017-2022)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Piezoelectric Bending Actuator Market Size Overview by Type: 2017 VS 2021 VS 2028

5.2 Segment Introduction by Type

5.2.1 Pneumatic

5.2.2 Hydraulics

5.2.3 Electric

5.2.4 Mechanical

5.3 Market Segment by Type

5.3.1 World Piezoelectric Bending Actuator Production by Type (2017-2028)



5.3.2 World Piezoelectric Bending Actuator Production Value by Type (2017-2028)

5.3.3 World Piezoelectric Bending Actuator Average Price by Type (2017-2028)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Piezoelectric Bending Actuator Market Size Overview by Application: 2017 VS 2021 VS 2028

6.2 Segment Introduction by Application

6.2.1 Mechanical Engineering

6.2.2 Automotive Industry

6.2.3 Aerospace

6.2.4 Oil And Gas

6.2.5 Chemical Industry

6.2.6 Medical Technology

6.2.7 Electrical Industry

6.3 Market Segment by Application

6.3.1 World Piezoelectric Bending Actuator Production by Application (2017-2028)

6.3.2 World Piezoelectric Bending Actuator Production Value by Application (2017-2028)

6.3.3 World Piezoelectric Bending Actuator Average Price by Application (2017-2028)

## **7 COMPANY PROFILES**

7.1 APC International

7.1.1 APC International Details

7.1.2 APC International Major Business

7.1.3 APC International Piezoelectric Bending Actuator Product and Services

7.1.4 APC International Piezoelectric Bending Actuator Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.1.5 APC International Recent Developments/Updates

7.1.6 APC International Competitive Strengths & Weaknesses

7.2 CEDRAT S.A.

7.2.1 CEDRAT S.A. Details

7.2.2 CEDRAT S.A. Major Business

7.2.3 CEDRAT S.A. Piezoelectric Bending Actuator Product and Services

7.2.4 CEDRAT S.A. Piezoelectric Bending Actuator Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.2.5 CEDRAT S.A. Recent Developments/Updates

7.2.6 CEDRAT S.A. Competitive Strengths & Weaknesses

### 7.3 CTS Corporation

#### 7.3.1 CTS Corporation Details

#### 7.3.2 CTS Corporation Major Business

#### 7.3.3 CTS Corporation Piezoelectric Bending Actuator Product and Services

#### 7.3.4 CTS Corporation Piezoelectric Bending Actuator Production, Price, Value, Gross Margin and Market Share (2017-2022)

#### 7.3.5 CTS Corporation Recent Developments/Updates

#### 7.3.6 CTS Corporation Competitive Strengths & Weaknesses

### 7.4 Dynamic Structures &

#### 7.4.1 Dynamic Structures & Details

#### 7.4.2 Dynamic Structures & Major Business

#### 7.4.3 Dynamic Structures & Piezoelectric Bending Actuator Product and Services

#### 7.4.4 Dynamic Structures & Piezoelectric Bending Actuator Production, Price, Value, Gross Margin and Market Share (2017-2022)

#### 7.4.5 Dynamic Structures & Recent Developments/Updates

#### 7.4.6 Dynamic Structures & Competitive Strengths & Weaknesses

### 7.5 Johnson Matthey Piezo Products GmbH

#### 7.5.1 Johnson Matthey Piezo Products GmbH Details

#### 7.5.2 Johnson Matthey Piezo Products GmbH Major Business

#### 7.5.3 Johnson Matthey Piezo Products GmbH Piezoelectric Bending Actuator Product and Services

#### 7.5.4 Johnson Matthey Piezo Products GmbH Piezoelectric Bending Actuator Production, Price, Value, Gross Margin and Market Share (2017-2022)

#### 7.5.5 Johnson Matthey Piezo Products GmbH Recent Developments/Updates

#### 7.5.6 Johnson Matthey Piezo Products GmbH Competitive Strengths & Weaknesses

### 7.6 Materials

#### 7.6.1 Materials Details

#### 7.6.2 Materials Major Business

#### 7.6.3 Materials Piezoelectric Bending Actuator Product and Services

#### 7.6.4 Materials Piezoelectric Bending Actuator Production, Price, Value, Gross Margin and Market Share (2017-2022)

#### 7.6.5 Materials Recent Developments/Updates

#### 7.6.6 Materials Competitive Strengths & Weaknesses

### 7.7 MATRIX S.p.A.

#### 7.7.1 MATRIX S.p.A. Details

#### 7.7.2 MATRIX S.p.A. Major Business

#### 7.7.3 MATRIX S.p.A. Piezoelectric Bending Actuator Product and Services

#### 7.7.4 MATRIX S.p.A. Piezoelectric Bending Actuator Production, Price, Value, Gross Margin and Market Share (2017-2022)

- 7.7.5 MATRIX S.p.A. Recent Developments/Updates
- 7.7.6 MATRIX S.p.A. Competitive Strengths & Weaknesses
- 7.8 Mide Technology
  - 7.8.1 Mide Technology Details
  - 7.8.2 Mide Technology Major Business
  - 7.8.3 Mide Technology Piezoelectric Bending Actuator Product and Services
  - 7.8.4 Mide Technology Piezoelectric Bending Actuator Production, Price, Value, Gross Margin and Market Share (2017-2022)
  - 7.8.5 Mide Technology Recent Developments/Updates
  - 7.8.6 Mide Technology Competitive Strengths & Weaknesses
- 7.9 Murata Manufacturing Ltd
  - 7.9.1 Murata Manufacturing Ltd Details
  - 7.9.2 Murata Manufacturing Ltd Major Business
  - 7.9.3 Murata Manufacturing Ltd Piezoelectric Bending Actuator Product and Services
  - 7.9.4 Murata Manufacturing Ltd Piezoelectric Bending Actuator Production, Price, Value, Gross Margin and Market Share (2017-2022)
  - 7.9.5 Murata Manufacturing Ltd Recent Developments/Updates
  - 7.9.6 Murata Manufacturing Ltd Competitive Strengths & Weaknesses
- 7.10 NIKKO
  - 7.10.1 NIKKO Details
  - 7.10.2 NIKKO Major Business
  - 7.10.3 NIKKO Piezoelectric Bending Actuator Product and Services
  - 7.10.4 NIKKO Piezoelectric Bending Actuator Production, Price, Value, Gross Margin and Market Share (2017-2022)
  - 7.10.5 NIKKO Recent Developments/Updates
  - 7.10.6 NIKKO Competitive Strengths & Weaknesses
- 7.11 Pro-Lite Technology
  - 7.11.1 Pro-Lite Technology Details
  - 7.11.2 Pro-Lite Technology Major Business
  - 7.11.3 Pro-Lite Technology Piezoelectric Bending Actuator Product and Services
  - 7.11.4 Pro-Lite Technology Piezoelectric Bending Actuator Production, Price, Value, Gross Margin and Market Share (2017-2022)
  - 7.11.5 Pro-Lite Technology Recent Developments/Updates
  - 7.11.6 Pro-Lite Technology Competitive Strengths & Weaknesses
- 7.12 Rotork plc
  - 7.12.1 Rotork plc Details
  - 7.12.2 Rotork plc Major Business
  - 7.12.3 Rotork plc Piezoelectric Bending Actuator Product and Services
  - 7.12.4 Rotork plc Piezoelectric Bending Actuator Production, Price, Value, Gross

## Margin and Market Share (2017-2022)

7.12.5 Rotork plc Recent Developments/Updates

7.12.6 Rotork plc Competitive Strengths & Weaknesses

## 7.13 SmarAct GmbH

7.13.1 SmarAct GmbH Details

7.13.2 SmarAct GmbH Major Business

7.13.3 SmarAct GmbH Piezoelectric Bending Actuator Product and Services

7.13.4 SmarAct GmbH Piezoelectric Bending Actuator Production, Price, Value, Gross

## Margin and Market Share (2017-2022)

7.13.5 SmarAct GmbH Recent Developments/Updates

7.13.6 SmarAct GmbH Competitive Strengths & Weaknesses

## 7.14 Thorlabs

7.14.1 Thorlabs Details

7.14.2 Thorlabs Major Business

7.14.3 Thorlabs Piezoelectric Bending Actuator Product and Services

7.14.4 Thorlabs Piezoelectric Bending Actuator Production, Price, Value, Gross Margin

## and Market Share (2017-2022)

7.14.5 Thorlabs Recent Developments/Updates

7.14.6 Thorlabs Competitive Strengths & Weaknesses

## 7.15 Unictron

7.15.1 Unictron Details

7.15.2 Unictron Major Business

7.15.3 Unictron Piezoelectric Bending Actuator Product and Services

7.15.4 Unictron Piezoelectric Bending Actuator Production, Price, Value, Gross Margin

## and Market Share (2017-2022)

7.15.5 Unictron Recent Developments/Updates

7.15.6 Unictron Competitive Strengths & Weaknesses

## 7.16 Xeryon

7.16.1 Xeryon Details

7.16.2 Xeryon Major Business

7.16.3 Xeryon Piezoelectric Bending Actuator Product and Services

7.16.4 Xeryon Piezoelectric Bending Actuator Production, Price, Value, Gross Margin

## and Market Share (2017-2022)

7.16.5 Xeryon Recent Developments/Updates

7.16.6 Xeryon Competitive Strengths & Weaknesses

# 8 RAW MATERIAL AND INDUSTRY CHAIN

## 8.1 Raw Material of Piezoelectric Bending Actuator and Key Manufacturers

8.2 Piezoelectric Bending Actuator Manufacturing Costs

8.3 Piezoelectric Bending Actuator Production Process

8.4 Piezoelectric Bending Actuator Industrial Chain

## **9 DISTRIBUTION CHANNEL ANALYSIS**

9.1 Distribution Channel Breakdown for Piezoelectric Bending Actuator Shipments (%):  
2017-2028

9.1.1 Direct Channel

9.1.2 Indirect Channel

9.2 Piezoelectric Bending Actuator Typical Distributors

9.3 Piezoelectric Bending Actuator Typical Customers

## **10 RESEARCH FINDINGS AND CONCLUSION**

## **11 APPENDIX**

11.1 Methodology

11.2 Research Process and Data Source

11.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Piezoelectric Bending Actuator Production Value by Region (2017, 2022 and 2028) & (USD Million)

Table 2. World Piezoelectric Bending Actuator Production Value by Region (2017-2022) & (USD Million)

Table 3. World Piezoelectric Bending Actuator Production Value by Region (2023-2028) & (USD Million)

Table 4. World Piezoelectric Bending Actuator Production Value Market Share by Region (2017-2022)

Table 5. World Piezoelectric Bending Actuator Production Value Market Share by Region (2023-2028)

Table 6. World Piezoelectric Bending Actuator Production by Region (2017-2022) & (Units)

Table 7. World Piezoelectric Bending Actuator Production by Region (2023-2028) & (Units)

Table 8. World Piezoelectric Bending Actuator Production Market Share by Region (2017-2022)

Table 9. World Piezoelectric Bending Actuator Production Market Share by Region (2023-2028)

Table 10. World Piezoelectric Bending Actuator Average Price by Region (2017-2022) & (US\$/Unit)

Table 11. World Piezoelectric Bending Actuator Average Price by Region (2023-2028) & (US\$/Unit)

Table 12. Piezoelectric Bending Actuator Major Market Trends

Table 13. World Piezoelectric Bending Actuator Consumption Growth Rate Forecast by Region (2017 & 2021 & 2028) & (Units)

Table 14. World Piezoelectric Bending Actuator Consumption by Region (2017-2022) & (Units)

Table 15. World Piezoelectric Bending Actuator Consumption Forecast by Region (2023-2028) & (Units)

Table 16. World Piezoelectric Bending Actuator Production Value by Manufacturer (2017-2022) & (USD Million)

Table 17. Production Value Market Share of Key Piezoelectric Bending Actuator Producers in 2021

Table 18. World Piezoelectric Bending Actuator Production by Manufacturer (2017-2022) & (Units)

Table 19. Production Market Share of Key Piezoelectric Bending Actuator Producers in 2021

Table 20. World Piezoelectric Bending Actuator Average Price by Manufacturer (2017-2022) & (US\$/Unit)

Table 21. Global Piezoelectric Bending Actuator Company Evaluation Quadrant

Table 22. World Piezoelectric Bending Actuator Industry Rank of Major Manufacturers, Based on Production Value in 2021

Table 23. Head Office and Piezoelectric Bending Actuator Production Site of Key Manufacturer

Table 24. Piezoelectric Bending Actuator Market: Company Product Type Footprint

Table 25. Piezoelectric Bending Actuator Market: Company Product Application Footprint

Table 26. Piezoelectric Bending Actuator Competitive Factors

Table 27. Piezoelectric Bending Actuator New Entrant and Capacity Expansion Plans

Table 28. Piezoelectric Bending Actuator Mergers & Acquisitions Activity

Table 29. United States VS China Piezoelectric Bending Actuator Production Value Comparison, (2017 & 2021 & 2028) & (USD Million)

Table 30. United States VS China Piezoelectric Bending Actuator Production Comparison, (2017 & 2021 & 2028) & (Units)

Table 31. United States VS China Piezoelectric Bending Actuator Consumption Comparison, (2017 & 2021 & 2028) & (Units)

Table 32. Major Manufacturer of Piezoelectric Bending Actuator in United States, Company Headquarters and Production Place (States, Country)

Table 33. United States Piezoelectric Bending Actuator Production Value by Domestic Manufacturer, (2017-2022) & (USD Million)

Table 34. United States Piezoelectric Bending Actuator Production Value Market Share by Domestic Manufacturer, (2017-2022)

Table 35. United States Piezoelectric Bending Actuator Production by Domestic Manufacturer, (2017-2022) & (Units)

Table 36. United States Piezoelectric Bending Actuator Production Market Share by Domestic Manufacturer, (2017-2022)

Table 37. Major Manufacturer of Piezoelectric Bending Actuator in China, Company Headquarters and Production Place (Province, Country)

Table 38. China Piezoelectric Bending Actuator Production Value by Domestic Manufacturer, (2017-2022) & (USD Million)

Table 39. China Piezoelectric Bending Actuator Production Value Market Share by Domestic Manufacturer, (2017-2022)

Table 40. China Piezoelectric Bending Actuator Production by Domestic Manufacturer, (2017-2022) & (Units)



Table 41. China Piezoelectric Bending Actuator Production Market Share by Domestic Manufacturer, (2017-2022)

Table 42. Major Manufacturer of Piezoelectric Bending Actuator in Rest of World, Company Headquarters and Production Place (State, Country)

Table 43. Rest of World Piezoelectric Bending Actuator Production Value by Domestic Manufacturer, (2017-2022) & (USD Million)

Table 44. Rest of World Piezoelectric Bending Actuator Production Value Market Share by Domestic Manufacturer, (2017-2022)

Table 45. Rest of World Piezoelectric Bending Actuator Production by Domestic Manufacturer, (2017-2022) & (Units)

Table 46. Rest of World Piezoelectric Bending Actuator Production Market Share by Domestic Manufacturer, (2017-2022)

Table 47. World Piezoelectric Bending Actuator Production Value by Type, (USD Million), 2017 & 2021 & 2028

Table 48. World Piezoelectric Bending Actuator Production by Type (2017-2022) & (Units)

Table 49. World Piezoelectric Bending Actuator Production by Type (2023-2028) & (Units)

Table 50. World Piezoelectric Bending Actuator Production Value by Type (2017-2022) & (USD Million)

Table 51. World Piezoelectric Bending Actuator Production Value by Type (2023-2028) & (USD Million)

Table 52. World Piezoelectric Bending Actuator Average Price by Type (2017-2022) & (US\$/Unit)

Table 53. World Piezoelectric Bending Actuator Average Price by Type (2023-2028) & (US\$/Unit)

Table 54. World Piezoelectric Bending Actuator Production Value by Application, (USD Million), 2017 & 2021 & 2028

Table 55. World Piezoelectric Bending Actuator Production by Application (2017-2022) & (Units)

Table 56. World Piezoelectric Bending Actuator Production by Application (2023-2028) & (Units)

Table 57. World Piezoelectric Bending Actuator Production Value by Application (2017-2022) & (USD Million)

Table 58. World Piezoelectric Bending Actuator Production Value by Application (2023-2028) & (USD Million)

Table 59. World Piezoelectric Bending Actuator Average Price by Application (2017-2022) & (US\$/Unit)

Table 60. World Piezoelectric Bending Actuator Average Price by Application



(2023-2028) & (US\$/Unit)

Table 61. APC International Basic Information, Manufacturing Base and Competitors

Table 62. APC International Major Business

Table 63. APC International Piezoelectric Bending Actuator Product and Services

Table 64. APC International Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 65. APC International Recent Developments/Updates

Table 66. APC International Competitive Strengths & Weaknesses

Table 67. CEDRAT S.A. Basic Information, Manufacturing Base and Competitors

Table 68. CEDRAT S.A. Major Business

Table 69. CEDRAT S.A. Piezoelectric Bending Actuator Product and Services

Table 70. CEDRAT S.A. Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 71. CEDRAT S.A. Recent Developments/Updates

Table 72. CEDRAT S.A. Competitive Strengths & Weaknesses

Table 73. CTS Corporation Basic Information, Manufacturing Base and Competitors

Table 74. CTS Corporation Major Business

Table 75. CTS Corporation Piezoelectric Bending Actuator Product and Services

Table 76. CTS Corporation Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 77. CTS Corporation Recent Developments/Updates

Table 78. CTS Corporation Competitive Strengths & Weaknesses

Table 79. Dynamic Structures & Basic Information, Manufacturing Base and Competitors

Table 80. Dynamic Structures & Major Business

Table 81. Dynamic Structures & Piezoelectric Bending Actuator Product and Services

Table 82. Dynamic Structures & Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 83. Dynamic Structures & Recent Developments/Updates

Table 84. Dynamic Structures & Competitive Strengths & Weaknesses

Table 85. Johnson Matthey Piezo Products GmbH Basic Information, Manufacturing Base and Competitors

Table 86. Johnson Matthey Piezo Products GmbH Major Business

Table 87. Johnson Matthey Piezo Products GmbH Piezoelectric Bending Actuator Product and Services

Table 88. Johnson Matthey Piezo Products GmbH Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 89. Johnson Matthey Piezo Products GmbH Recent Developments/Updates

Table 90. Johnson Matthey Piezo Products GmbH Competitive Strengths & Weaknesses

Table 91. Materials Basic Information, Manufacturing Base and Competitors

Table 92. Materials Major Business

Table 93. Materials Piezoelectric Bending Actuator Product and Services

Table 94. Materials Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 95. Materials Recent Developments/Updates

Table 96. Materials Competitive Strengths & Weaknesses

Table 97. MATRIX S.p.A. Basic Information, Manufacturing Base and Competitors

Table 98. MATRIX S.p.A. Major Business

Table 99. MATRIX S.p.A. Piezoelectric Bending Actuator Product and Services

Table 100. MATRIX S.p.A. Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 101. MATRIX S.p.A. Recent Developments/Updates

Table 102. MATRIX S.p.A. Competitive Strengths & Weaknesses

Table 103. Mide Technology Basic Information, Manufacturing Base and Competitors

Table 104. Mide Technology Major Business

Table 105. Mide Technology Piezoelectric Bending Actuator Product and Services

Table 106. Mide Technology Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 107. Mide Technology Recent Developments/Updates

Table 108. Mide Technology Competitive Strengths & Weaknesses

Table 109. Murata Manufacturing Ltd Basic Information, Manufacturing Base and Competitors

Table 110. Murata Manufacturing Ltd Major Business

Table 111. Murata Manufacturing Ltd Piezoelectric Bending Actuator Product and Services

Table 112. Murata Manufacturing Ltd Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 113. Murata Manufacturing Ltd Recent Developments/Updates

Table 114. Murata Manufacturing Ltd Competitive Strengths & Weaknesses

|                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Table 115. NIKKO Basic Information, Manufacturing Base and Competitors                                                                                                         |
| Table 116. NIKKO Major Business                                                                                                                                                |
| Table 117. NIKKO Piezoelectric Bending Actuator Product and Services                                                                                                           |
| Table 118. NIKKO Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)               |
| Table 119. NIKKO Recent Developments/Updates                                                                                                                                   |
| Table 120. NIKKO Competitive Strengths & Weaknesses                                                                                                                            |
| Table 121. Pro-Lite Technology Basic Information, Manufacturing Base and Competitors                                                                                           |
| Table 122. Pro-Lite Technology Major Business                                                                                                                                  |
| Table 123. Pro-Lite Technology Piezoelectric Bending Actuator Product and Services                                                                                             |
| Table 124. Pro-Lite Technology Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022) |
| Table 125. Pro-Lite Technology Recent Developments/Updates                                                                                                                     |
| Table 126. Pro-Lite Technology Competitive Strengths & Weaknesses                                                                                                              |
| Table 127. Rotork plc Basic Information, Manufacturing Base and Competitors                                                                                                    |
| Table 128. Rotork plc Major Business                                                                                                                                           |
| Table 129. Rotork plc Piezoelectric Bending Actuator Product and Services                                                                                                      |
| Table 130. Rotork plc Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)          |
| Table 131. Rotork plc Recent Developments/Updates                                                                                                                              |
| Table 132. Rotork plc Competitive Strengths & Weaknesses                                                                                                                       |
| Table 133. SmarAct GmbH Basic Information, Manufacturing Base and Competitors                                                                                                  |
| Table 134. SmarAct GmbH Major Business                                                                                                                                         |
| Table 135. SmarAct GmbH Piezoelectric Bending Actuator Product and Services                                                                                                    |
| Table 136. SmarAct GmbH Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)        |
| Table 137. SmarAct GmbH Recent Developments/Updates                                                                                                                            |
| Table 138. SmarAct GmbH Competitive Strengths & Weaknesses                                                                                                                     |
| Table 139. Thorlabs Basic Information, Manufacturing Base and Competitors                                                                                                      |
| Table 140. Thorlabs Major Business                                                                                                                                             |
| Table 141. Thorlabs Piezoelectric Bending Actuator Product and Services                                                                                                        |
| Table 142. Thorlabs Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)            |
| Table 143. Thorlabs Recent Developments/Updates                                                                                                                                |

|                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Table 144. Thorlabs Competitive Strengths & Weaknesses                                                                                                                 |
| Table 145. Unictron Basic Information, Manufacturing Base and Competitors                                                                                              |
| Table 146. Unictron Major Business                                                                                                                                     |
| Table 147. Unictron Piezoelectric Bending Actuator Product and Services                                                                                                |
| Table 148. Unictron Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit),<br>Production Value (USD Million), Gross Margin and Market Share (2017-2022) |
| Table 149. Unictron Recent Developments/Updates                                                                                                                        |
| Table 150. Xeryon Basic Information, Manufacturing Base and Competitors                                                                                                |
| Table 151. Xeryon Major Business                                                                                                                                       |
| Table 152. Xeryon Piezoelectric Bending Actuator Product and Services                                                                                                  |
| Table 153. Xeryon Piezoelectric Bending Actuator Production (Units), Price (US\$/Unit),<br>Production Value (USD Million), Gross Margin and Market Share (2017-2022)   |
| Table 154. Piezoelectric Bending Actuator Raw Material                                                                                                                 |
| Table 155. Key Manufacturers of Piezoelectric Bending Actuator Raw Materials                                                                                           |
| Table 156. Piezoelectric Bending Actuator Typical Distributors                                                                                                         |
| Table 157. Piezoelectric Bending Actuator Typical Customers                                                                                                            |

## List Of Figures

### LIST OF FIGURES

Figure 1. Piezoelectric Bending Actuator Picture

Figure 2. World Piezoelectric Bending Actuator Production Value: 2017 & 2021 & 2028, (USD Million)

Figure 3. World Piezoelectric Bending Actuator Production Value and Forecast (2017-2028) & (USD Million)

Figure 4. World Piezoelectric Bending Actuator Production (2017-2028) & (Units)

Figure 5. World Piezoelectric Bending Actuator Average Price (2017-2028) & (US\$/Unit)

Figure 6. World Piezoelectric Bending Actuator Production Value Market Share by Region (2017-2028)

Figure 7. World Piezoelectric Bending Actuator Production Market Share by Region (2017-2028)

Figure 8. North America Piezoelectric Bending Actuator Production (2017-2028) & (Units)

Figure 9. Europe Piezoelectric Bending Actuator Production (2017-2028) & (Units)

Figure 10. China Piezoelectric Bending Actuator Production (2017-2028) & (Units)

Figure 11. Japan Piezoelectric Bending Actuator Production (2017-2028) & (Units)

Figure 12. South Korea Piezoelectric Bending Actuator Production (2017-2028) & (Units)

Figure 13. Piezoelectric Bending Actuator Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Piezoelectric Bending Actuator Demand (2017-2028) & (Units)

Figure 16. World Piezoelectric Bending Actuator Consumption Market Share by Region (2017-2028)

Figure 17. United States Piezoelectric Bending Actuator Consumption (2017-2028) & (Units)

Figure 18. China Piezoelectric Bending Actuator Consumption (2017-2028) & (Units)

Figure 19. Europe Piezoelectric Bending Actuator Consumption (2017-2028) & (Units)

Figure 20. Japan Piezoelectric Bending Actuator Consumption (2017-2028) & (Units)

Figure 21. South Korea Piezoelectric Bending Actuator Consumption (2017-2028) & (Units)

Figure 22. ASEAN Piezoelectric Bending Actuator Consumption (2017-2028) & (Units)

Figure 23. India Piezoelectric Bending Actuator Consumption (2017-2028) & (Units)

Figure 24. Producer Shipments of Piezoelectric Bending Actuator by Manufacturer Revenue (\$MM) and Market Share (%): 2021

Figure 25. Global Four-firm Concentration Ratios (CR4) for Piezoelectric Bending

Actuator Markets in 2021

Figure 26. Global Four-firm Concentration Ratios (CR8) for Piezoelectric Bending Actuator Markets in 2021

Figure 27. United States VS China: Piezoelectric Bending Actuator Production Value Market Share Comparison (2017 & 2021 & 2028)

Figure 28. United States VS China: Piezoelectric Bending Actuator Production Market Share Comparison (2017 & 2021 & 2028)

Figure 29. United States VS China: Piezoelectric Bending Actuator Consumption Market Share Comparison (2017 & 2021 & 2028)

Figure 30. Key Producers and Market Share of Piezoelectric Bending Actuator in United States

Figure 31. Key Producers and Market Share of Piezoelectric Bending Actuator in China

Figure 32. Key Producers and Market Share of Piezoelectric Bending Actuator in Rest of World

Figure 33. World Piezoelectric Bending Actuator Production Value by Type, (USD Million), 2017 & 2021 & 2028

Figure 34. World Piezoelectric Bending Actuator Production Value Market Share by Type in 2021

Figure 35. Pneumatic

Figure 36. Hydraulics

Figure 37. Electric

Figure 38. Mechanical

Figure 39. World Piezoelectric Bending Actuator Production Market Share by Type (2017-2028)

Figure 40. World Piezoelectric Bending Actuator Production Value Market Share by Type (2017-2028)

Figure 41. World Piezoelectric Bending Actuator Average Price by Type (2017-2028) & (US\$/Unit)

Figure 42. World Piezoelectric Bending Actuator Production Value by Application, (USD Million), 2017 & 2021 & 2028

Figure 43. World Piezoelectric Bending Actuator Production Value Market Share by Application in 2021

Figure 44. Mechanical Engineering

Figure 45. Automotive Industry

Figure 46. Aerospace

Figure 47. Oil And Gas

Figure 48. Chemical Industry

Figure 49. Medical Technology

Figure 50. Electrical Industry



Figure 51. World Piezoelectric Bending Actuator Production Market Share by Application (2017-2028)

Figure 52. World Piezoelectric Bending Actuator Production Value Market Share by Application (2017-2028)

Figure 53. World Piezoelectric Bending Actuator Average Price by Application (2017-2028) & (US\$/Unit)

Figure 54. Manufacturing Cost Structure Analysis of Piezoelectric Bending Actuator in 2021

Figure 55. Manufacturing Process Analysis of Piezoelectric Bending Actuator

Figure 56. Piezoelectric Bending Actuator Industrial Chain

Figure 57. Distribution Channel Breakdown for Piezoelectric Bending Actuator Shipments (%): 2017-2028

Figure 58. Direct Channel Pros & Cons

Figure 59. Indirect Channel Pros & Cons

Figure 60. Methodology

Figure 61. Research Process and Data Source



## I would like to order

Product name: Global Piezoelectric Bending Actuator Production, Demand and Key Producers, 2022-2028

Product link: <https://marketpublishers.com/r/GEE2F8846199EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GEE2F8846199EN.html>