

Global Collaborative Robot (Cobot) Teach Pendants Market Growth 2026-2032

<https://marketpublishers.com/r/GBA68446FE59EN.html>

Date: July 2026

Pages: 141

Price: US\$ 3,660.00 (Single User License)

ID: GBA68446FE59EN

Abstracts

The global Collaborative Robot (Cobot) Teach Pendants market size is predicted to grow from US\$ 63.34 million in 2025 to US\$ 96 million in 2032; it is expected to grow at a CAGR of 6.3% from 2026 to 2032.

A control box for programming the motions of a robot. Also called a 'teach box,' the robot is set to 'learning' or 'teach' mode, and the pendant is used to control the robot step by step. Teach pendants are typically handheld devices and may be wired or wireless.

United States market for Collaborative Robot (Cobot) Teach Pendants is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Collaborative Robot (Cobot) Teach Pendants is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Collaborative Robot (Cobot) Teach Pendants is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Collaborative Robot (Cobot) Teach Pendants players cover ABB, FANUC, KUKA, Yaskawa (Motoman), Kawasaki, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the ?Collaborative Robot (Cobot)

Teach Pendants Industry Forecast? looks at past sales and reviews total world Collaborative Robot (Cobot) Teach Pendants sales in 2025, providing a comprehensive analysis by region and market sector of projected Collaborative Robot (Cobot) Teach Pendants sales for 2026 through 2032. With Collaborative Robot (Cobot) Teach Pendants sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Collaborative Robot (Cobot) Teach Pendants industry.

This Insight Report provides a comprehensive analysis of the global Collaborative Robot (Cobot) Teach Pendants landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Collaborative Robot (Cobot) Teach Pendants portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Collaborative Robot (Cobot) Teach Pendants market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Collaborative Robot (Cobot) Teach Pendants and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Collaborative Robot (Cobot) Teach Pendants.

This report presents a comprehensive overview, market shares, and growth opportunities of Collaborative Robot (Cobot) Teach Pendants market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Electric Drive Robots

Hydraulic Drive Robots

Pneumatic Drive Robots

Segmentation by Application:

Material Handling

Welding Application

Assembling

Other Applications

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

ABB

FANUC

KUKA

Yaskawa (Motoman)

Kawasaki

DENSO Robotics

Stäubli International

Epson

Nachi

Universal Robots

Omron (Adept)

Comau

Huashu Robot

Shenzhen Lavichip

Mitsubishi Electric Corporation

Festo

Yamaha

AUBO

Key Questions Addressed in this Report

What is the 10-year outlook for the global Collaborative Robot (Cobot) Teach Pendants market?

What factors are driving Collaborative Robot (Cobot) Teach Pendants market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Collaborative Robot (Cobot) Teach Pendants market opportunities vary by end market size?

How does Collaborative Robot (Cobot) Teach Pendants break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Collaborative Robot (Cobot) Teach Pendants Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Collaborative Robot (Cobot) Teach Pendants by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Collaborative Robot (Cobot) Teach Pendants by Country/Region, 2021, 2025 & 2032
- 2.2 Collaborative Robot (Cobot) Teach Pendants Segment by Type
 - 2.2.1 Electric Drive Robots
 - 2.2.2 Hydraulic Drive Robots
 - 2.2.3 Pneumatic Drive Robots
 - 2.2.4 Collaborative Robot (Cobot) Teach Pendants Sales by Type
 - 2.2.4.1 Global Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Collaborative Robot (Cobot) Teach Pendants Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Collaborative Robot (Cobot) Teach Pendants Sale Price by Type (2021-2026)
- 2.3 Collaborative Robot (Cobot) Teach Pendants Segment by Application
 - 2.3.1 Material Handling
 - 2.3.2 Welding Application
 - 2.3.3 Assembling
 - 2.3.4 Other Applications
 - 2.3.5 Collaborative Robot (Cobot) Teach Pendants Sales by Application
 - 2.3.5.1 Global Collaborative Robot (Cobot) Teach Pendants Sale Market Share by

Application (2021-2026)

2.3.5.2 Global Collaborative Robot (Cobot) Teach Pendants Revenue and Market Share by Application (2021-2026)

2.3.5.3 Global Collaborative Robot (Cobot) Teach Pendants Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Collaborative Robot (Cobot) Teach Pendants Breakdown Data by Company

3.1.1 Global Collaborative Robot (Cobot) Teach Pendants Annual Sales by Company (2021-2026)

3.1.2 Global Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Company (2021-2026)

3.2 Global Collaborative Robot (Cobot) Teach Pendants Annual Revenue by Company (2021-2026)

3.2.1 Global Collaborative Robot (Cobot) Teach Pendants Revenue by Company (2021-2026)

3.2.2 Global Collaborative Robot (Cobot) Teach Pendants Revenue Market Share by Company (2021-2026)

3.3 Global Collaborative Robot (Cobot) Teach Pendants Sale Price by Company

3.4 Key Manufacturers Collaborative Robot (Cobot) Teach Pendants Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Collaborative Robot (Cobot) Teach Pendants Product Location Distribution

3.4.2 Players Collaborative Robot (Cobot) Teach Pendants Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR COLLABORATIVE ROBOT (COBOT) TEACH PENDANTS BY GEOGRAPHIC REGION

4.1 World Historic Collaborative Robot (Cobot) Teach Pendants Market Size by Geographic Region (2021-2026)

4.1.1 Global Collaborative Robot (Cobot) Teach Pendants Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Collaborative Robot (Cobot) Teach Pendants Annual Revenue by

Geographic Region (2021-2026)

4.2 World Historic Collaborative Robot (Cobot) Teach Pendants Market Size by Country/Region (2021-2026)

4.2.1 Global Collaborative Robot (Cobot) Teach Pendants Annual Sales by Country/Region (2021-2026)

4.2.2 Global Collaborative Robot (Cobot) Teach Pendants Annual Revenue by Country/Region (2021-2026)

4.3 Americas Collaborative Robot (Cobot) Teach Pendants Sales Growth

4.4 APAC Collaborative Robot (Cobot) Teach Pendants Sales Growth

4.5 Europe Collaborative Robot (Cobot) Teach Pendants Sales Growth

4.6 Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Sales Growth

5 AMERICAS

5.1 Americas Collaborative Robot (Cobot) Teach Pendants Sales by Country

5.1.1 Americas Collaborative Robot (Cobot) Teach Pendants Sales by Country (2021-2026)

5.1.2 Americas Collaborative Robot (Cobot) Teach Pendants Revenue by Country (2021-2026)

5.2 Americas Collaborative Robot (Cobot) Teach Pendants Sales by Type (2021-2026)

5.3 Americas Collaborative Robot (Cobot) Teach Pendants Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Collaborative Robot (Cobot) Teach Pendants Sales by Region

6.1.1 APAC Collaborative Robot (Cobot) Teach Pendants Sales by Region (2021-2026)

6.1.2 APAC Collaborative Robot (Cobot) Teach Pendants Revenue by Region (2021-2026)

6.2 APAC Collaborative Robot (Cobot) Teach Pendants Sales by Type (2021-2026)

6.3 APAC Collaborative Robot (Cobot) Teach Pendants Sales by Application (2021-2026)

6.4 China

6.5 Japan

- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Collaborative Robot (Cobot) Teach Pendants by Country
 - 7.1.1 Europe Collaborative Robot (Cobot) Teach Pendants Sales by Country (2021-2026)
 - 7.1.2 Europe Collaborative Robot (Cobot) Teach Pendants Revenue by Country (2021-2026)
- 7.2 Europe Collaborative Robot (Cobot) Teach Pendants Sales by Type (2021-2026)
- 7.3 Europe Collaborative Robot (Cobot) Teach Pendants Sales by Application (2021-2026)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Collaborative Robot (Cobot) Teach Pendants by Country
 - 8.1.1 Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Sales by Country (2021-2026)
 - 8.1.2 Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Revenue by Country (2021-2026)
- 8.2 Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Sales by Type (2021-2026)
- 8.3 Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Sales by Application (2021-2026)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Collaborative Robot (Cobot) Teach Pendants

10.3 Manufacturing Process Analysis of Collaborative Robot (Cobot) Teach Pendants

10.4 Industry Chain Structure of Collaborative Robot (Cobot) Teach Pendants

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Collaborative Robot (Cobot) Teach Pendants Distributors

11.3 Collaborative Robot (Cobot) Teach Pendants Customer

12 WORLD FORECAST REVIEW FOR COLLABORATIVE ROBOT (COBOT) TEACH PENDANTS BY GEOGRAPHIC REGION

12.1 Global Collaborative Robot (Cobot) Teach Pendants Market Size Forecast by Region

12.1.1 Global Collaborative Robot (Cobot) Teach Pendants Forecast by Region (2027-2032)

12.1.2 Global Collaborative Robot (Cobot) Teach Pendants Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Collaborative Robot (Cobot) Teach Pendants Forecast by Type (2027-2032)

12.7 Global Collaborative Robot (Cobot) Teach Pendants Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 ABB

13.1.1 ABB Company Information

13.1.2 ABB Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

13.1.3 ABB Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 ABB Main Business Overview

13.1.5 ABB Latest Developments

13.2 FANUC

13.2.1 FANUC Company Information

13.2.2 FANUC Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

13.2.3 FANUC Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 FANUC Main Business Overview

13.2.5 FANUC Latest Developments

13.3 KUKA

13.3.1 KUKA Company Information

13.3.2 KUKA Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

13.3.3 KUKA Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 KUKA Main Business Overview

13.3.5 KUKA Latest Developments

13.4 Yaskawa (Motoman)

13.4.1 Yaskawa (Motoman) Company Information

13.4.2 Yaskawa (Motoman) Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

13.4.3 Yaskawa (Motoman) Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Yaskawa (Motoman) Main Business Overview

13.4.5 Yaskawa (Motoman) Latest Developments

13.5 Kawasaki

13.5.1 Kawasaki Company Information

13.5.2 Kawasaki Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

- 13.5.3 Kawasaki Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.5.4 Kawasaki Main Business Overview
- 13.5.5 Kawasaki Latest Developments
- 13.6 DENSO Robotics
 - 13.6.1 DENSO Robotics Company Information
 - 13.6.2 DENSO Robotics Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications
 - 13.6.3 DENSO Robotics Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.6.4 DENSO Robotics Main Business Overview
 - 13.6.5 DENSO Robotics Latest Developments
- 13.7 St?ubli International
 - 13.7.1 St?ubli International Company Information
 - 13.7.2 St?ubli International Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications
 - 13.7.3 St?ubli International Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 St?ubli International Main Business Overview
 - 13.7.5 St?ubli International Latest Developments
- 13.8 Epson
 - 13.8.1 Epson Company Information
 - 13.8.2 Epson Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications
 - 13.8.3 Epson Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.8.4 Epson Main Business Overview
 - 13.8.5 Epson Latest Developments
- 13.9 Nachi
 - 13.9.1 Nachi Company Information
 - 13.9.2 Nachi Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications
 - 13.9.3 Nachi Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.9.4 Nachi Main Business Overview
 - 13.9.5 Nachi Latest Developments
- 13.10 Universal Robots
 - 13.10.1 Universal Robots Company Information
 - 13.10.2 Universal Robots Collaborative Robot (Cobot) Teach Pendants Product

Portfolios and Specifications

13.10.3 Universal Robots Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Universal Robots Main Business Overview

13.10.5 Universal Robots Latest Developments

13.11 Omron (Adept)

13.11.1 Omron (Adept) Company Information

13.11.2 Omron (Adept) Collaborative Robot (Cobot) Teach Pendants Product

Portfolios and Specifications

13.11.3 Omron (Adept) Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 Omron (Adept) Main Business Overview

13.11.5 Omron (Adept) Latest Developments

13.12 Comau

13.12.1 Comau Company Information

13.12.2 Comau Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

13.12.3 Comau Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 Comau Main Business Overview

13.12.5 Comau Latest Developments

13.13 Huashu Robot

13.13.1 Huashu Robot Company Information

13.13.2 Huashu Robot Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

13.13.3 Huashu Robot Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 Huashu Robot Main Business Overview

13.13.5 Huashu Robot Latest Developments

13.14 Shenzhen Lavichip

13.14.1 Shenzhen Lavichip Company Information

13.14.2 Shenzhen Lavichip Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

13.14.3 Shenzhen Lavichip Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 Shenzhen Lavichip Main Business Overview

13.14.5 Shenzhen Lavichip Latest Developments

13.15 Mitsubishi Electric Corporation

13.15.1 Mitsubishi Electric Corporation Company Information

13.15.2 Mitsubishi Electric Corporation Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

13.15.3 Mitsubishi Electric Corporation Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)

13.15.4 Mitsubishi Electric Corporation Main Business Overview

13.15.5 Mitsubishi Electric Corporation Latest Developments

13.16 Festo

13.16.1 Festo Company Information

13.16.2 Festo Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

13.16.3 Festo Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)

13.16.4 Festo Main Business Overview

13.16.5 Festo Latest Developments

13.17 Yamaha

13.17.1 Yamaha Company Information

13.17.2 Yamaha Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

13.17.3 Yamaha Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)

13.17.4 Yamaha Main Business Overview

13.17.5 Yamaha Latest Developments

13.18 AUBO

13.18.1 AUBO Company Information

13.18.2 AUBO Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

13.18.3 AUBO Collaborative Robot (Cobot) Teach Pendants Sales, Revenue, Price and Gross Margin (2021-2026)

13.18.4 AUBO Main Business Overview

13.18.5 AUBO Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Collaborative Robot (Cobot) Teach Pendants Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. Collaborative Robot (Cobot) Teach Pendants Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of Electric Drive Robots
- Table 4. Major Players of Hydraulic Drive Robots
- Table 5. Major Players of Pneumatic Drive Robots
- Table 6. Global Collaborative Robot (Cobot) Teach Pendants Sales by Type (2021-2026) & (K Units)
- Table 7. Global Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Type (2021-2026)
- Table 8. Global Collaborative Robot (Cobot) Teach Pendants Revenue by Type (2021-2026) & (\$ million)
- Table 9. Global Collaborative Robot (Cobot) Teach Pendants Revenue Market Share by Type (2021-2026)
- Table 10. Global Collaborative Robot (Cobot) Teach Pendants Sale Price by Type (2021-2026) & (K US\$/Unit)
- Table 11. Global Collaborative Robot (Cobot) Teach Pendants Sale by Application (2021-2026) & (K Units)
- Table 12. Global Collaborative Robot (Cobot) Teach Pendants Sale Market Share by Application (2021-2026)
- Table 13. Global Collaborative Robot (Cobot) Teach Pendants Revenue by Application (2021-2026) & (\$ million)
- Table 14. Global Collaborative Robot (Cobot) Teach Pendants Revenue Market Share by Application (2021-2026)
- Table 15. Global Collaborative Robot (Cobot) Teach Pendants Sale Price by Application (2021-2026) & (K US\$/Unit)
- Table 16. Global Collaborative Robot (Cobot) Teach Pendants Sales by Company (2021-2026) & (K Units)
- Table 17. Global Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Company (2021-2026)
- Table 18. Global Collaborative Robot (Cobot) Teach Pendants Revenue by Company (2021-2026) & (\$ millions)
- Table 19. Global Collaborative Robot (Cobot) Teach Pendants Revenue Market Share by Company (2021-2026)

Table 20. Global Collaborative Robot (Cobot) Teach Pendants Sale Price by Company (2021-2026) & (K US\$/Unit)

Table 21. Key Manufacturers Collaborative Robot (Cobot) Teach Pendants Producing Area Distribution and Sales Area

Table 22. Players Collaborative Robot (Cobot) Teach Pendants Products Offered

Table 23. Collaborative Robot (Cobot) Teach Pendants Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Collaborative Robot (Cobot) Teach Pendants Sales by Geographic Region (2021-2026) & (K Units)

Table 27. Global Collaborative Robot (Cobot) Teach Pendants Sales Market Share Geographic Region (2021-2026)

Table 28. Global Collaborative Robot (Cobot) Teach Pendants Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 29. Global Collaborative Robot (Cobot) Teach Pendants Revenue Market Share by Geographic Region (2021-2026)

Table 30. Global Collaborative Robot (Cobot) Teach Pendants Sales by Country/Region (2021-2026) & (K Units)

Table 31. Global Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Country/Region (2021-2026)

Table 32. Global Collaborative Robot (Cobot) Teach Pendants Revenue by Country/Region (2021-2026) & (\$ millions)

Table 33. Global Collaborative Robot (Cobot) Teach Pendants Revenue Market Share by Country/Region (2021-2026)

Table 34. Americas Collaborative Robot (Cobot) Teach Pendants Sales by Country (2021-2026) & (K Units)

Table 35. Americas Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Country (2021-2026)

Table 36. Americas Collaborative Robot (Cobot) Teach Pendants Revenue by Country (2021-2026) & (\$ millions)

Table 37. Americas Collaborative Robot (Cobot) Teach Pendants Sales by Type (2021-2026) & (K Units)

Table 38. Americas Collaborative Robot (Cobot) Teach Pendants Sales by Application (2021-2026) & (K Units)

Table 39. APAC Collaborative Robot (Cobot) Teach Pendants Sales by Region (2021-2026) & (K Units)

Table 40. APAC Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Region (2021-2026)

Table 41. APAC Collaborative Robot (Cobot) Teach Pendants Revenue by Region (2021-2026) & (\$ millions)

Table 42. APAC Collaborative Robot (Cobot) Teach Pendants Sales by Type (2021-2026) & (K Units)

Table 43. APAC Collaborative Robot (Cobot) Teach Pendants Sales by Application (2021-2026) & (K Units)

Table 44. Europe Collaborative Robot (Cobot) Teach Pendants Sales by Country (2021-2026) & (K Units)

Table 45. Europe Collaborative Robot (Cobot) Teach Pendants Revenue by Country (2021-2026) & (\$ millions)

Table 46. Europe Collaborative Robot (Cobot) Teach Pendants Sales by Type (2021-2026) & (K Units)

Table 47. Europe Collaborative Robot (Cobot) Teach Pendants Sales by Application (2021-2026) & (K Units)

Table 48. Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Sales by Country (2021-2026) & (K Units)

Table 49. Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Revenue Market Share by Country (2021-2026)

Table 50. Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Sales by Type (2021-2026) & (K Units)

Table 51. Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Sales by Application (2021-2026) & (K Units)

Table 52. Key Market Drivers & Growth Opportunities of Collaborative Robot (Cobot) Teach Pendants

Table 53. Key Market Challenges & Risks of Collaborative Robot (Cobot) Teach Pendants

Table 54. Key Industry Trends of Collaborative Robot (Cobot) Teach Pendants

Table 55. Collaborative Robot (Cobot) Teach Pendants Raw Material

Table 56. Key Suppliers of Raw Materials

Table 57. Collaborative Robot (Cobot) Teach Pendants Distributors List

Table 58. Collaborative Robot (Cobot) Teach Pendants Customer List

Table 59. Global Collaborative Robot (Cobot) Teach Pendants Sales Forecast by Region (2027-2032) & (K Units)

Table 60. Global Collaborative Robot (Cobot) Teach Pendants Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 61. Americas Collaborative Robot (Cobot) Teach Pendants Sales Forecast by Country (2027-2032) & (K Units)

Table 62. Americas Collaborative Robot (Cobot) Teach Pendants Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 63. APAC Collaborative Robot (Cobot) Teach Pendants Sales Forecast by Region (2027-2032) & (K Units)

Table 64. APAC Collaborative Robot (Cobot) Teach Pendants Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 65. Europe Collaborative Robot (Cobot) Teach Pendants Sales Forecast by Country (2027-2032) & (K Units)

Table 66. Europe Collaborative Robot (Cobot) Teach Pendants Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 67. Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Sales Forecast by Country (2027-2032) & (K Units)

Table 68. Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 69. Global Collaborative Robot (Cobot) Teach Pendants Sales Forecast by Type (2027-2032) & (K Units)

Table 70. Global Collaborative Robot (Cobot) Teach Pendants Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 71. Global Collaborative Robot (Cobot) Teach Pendants Sales Forecast by Application (2027-2032) & (K Units)

Table 72. Global Collaborative Robot (Cobot) Teach Pendants Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 73. ABB Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 74. ABB Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 75. ABB Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 76. ABB Main Business

Table 77. ABB Latest Developments

Table 78. FANUC Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 79. FANUC Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 80. FANUC Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 81. FANUC Main Business

Table 82. FANUC Latest Developments

Table 83. KUKA Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 84. KUKA Collaborative Robot (Cobot) Teach Pendants Product Portfolios and

Specifications

Table 85. KUKA Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 86. KUKA Main Business

Table 87. KUKA Latest Developments

Table 88. Yaskawa (Motoman) Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 89. Yaskawa (Motoman) Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 90. Yaskawa (Motoman) Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 91. Yaskawa (Motoman) Main Business

Table 92. Yaskawa (Motoman) Latest Developments

Table 93. Kawasaki Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 94. Kawasaki Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 95. Kawasaki Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 96. Kawasaki Main Business

Table 97. Kawasaki Latest Developments

Table 98. DENSO Robotics Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 99. DENSO Robotics Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 100. DENSO Robotics Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 101. DENSO Robotics Main Business

Table 102. DENSO Robotics Latest Developments

Table 103. St?ubli International Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 104. St?ubli International Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 105. St?ubli International Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 106. St?ubli International Main Business

Table 107. St?ubli International Latest Developments

Table 108. Epson Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 109. Epson Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 110. Epson Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 111. Epson Main Business

Table 112. Epson Latest Developments

Table 113. Nachi Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 114. Nachi Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 115. Nachi Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 116. Nachi Main Business

Table 117. Nachi Latest Developments

Table 118. Universal Robots Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 119. Universal Robots Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 120. Universal Robots Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 121. Universal Robots Main Business

Table 122. Universal Robots Latest Developments

Table 123. Omron (Adept) Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 124. Omron (Adept) Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 125. Omron (Adept) Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 126. Omron (Adept) Main Business

Table 127. Omron (Adept) Latest Developments

Table 128. Comau Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 129. Comau Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 130. Comau Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 131. Comau Main Business

Table 132. Comau Latest Developments

Table 133. Huashu Robot Basic Information, Collaborative Robot (Cobot) Teach

Pendants Manufacturing Base, Sales Area and Its Competitors

Table 134. Huashu Robot Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 135. Huashu Robot Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 136. Huashu Robot Main Business

Table 137. Huashu Robot Latest Developments

Table 138. Shenzhen Lavichip Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 139. Shenzhen Lavichip Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 140. Shenzhen Lavichip Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 141. Shenzhen Lavichip Main Business

Table 142. Shenzhen Lavichip Latest Developments

Table 143. Mitsubishi Electric Corporation Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 144. Mitsubishi Electric Corporation Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 145. Mitsubishi Electric Corporation Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 146. Mitsubishi Electric Corporation Main Business

Table 147. Mitsubishi Electric Corporation Latest Developments

Table 148. Festo Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 149. Festo Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 150. Festo Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 151. Festo Main Business

Table 152. Festo Latest Developments

Table 153. Yamaha Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 154. Yamaha Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 155. Yamaha Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 156. Yamaha Main Business

Table 157. Yamaha Latest Developments

Table 158. AUBO Basic Information, Collaborative Robot (Cobot) Teach Pendants Manufacturing Base, Sales Area and Its Competitors

Table 159. AUBO Collaborative Robot (Cobot) Teach Pendants Product Portfolios and Specifications

Table 160. AUBO Collaborative Robot (Cobot) Teach Pendants Sales (K Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 161. AUBO Main Business

Table 162. AUBO Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Collaborative Robot (Cobot) Teach Pendants
- Figure 2. Collaborative Robot (Cobot) Teach Pendants Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Collaborative Robot (Cobot) Teach Pendants Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global Collaborative Robot (Cobot) Teach Pendants Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Collaborative Robot (Cobot) Teach Pendants Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Country/Region (2025)
- Figure 10. Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Electric Drive Robots
- Figure 12. Product Picture of Hydraulic Drive Robots
- Figure 13. Product Picture of Pneumatic Drive Robots
- Figure 14. Global Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Type in 2026
- Figure 15. Global Collaborative Robot (Cobot) Teach Pendants Revenue Market Share by Type (2021-2026)
- Figure 16. Collaborative Robot (Cobot) Teach Pendants Consumed in Material Handling
- Figure 17. Global Collaborative Robot (Cobot) Teach Pendants Market: Material Handling (2021-2026) & (K Units)
- Figure 18. Collaborative Robot (Cobot) Teach Pendants Consumed in Welding Application
- Figure 19. Global Collaborative Robot (Cobot) Teach Pendants Market: Welding Application (2021-2026) & (K Units)
- Figure 20. Collaborative Robot (Cobot) Teach Pendants Consumed in Assembling
- Figure 21. Global Collaborative Robot (Cobot) Teach Pendants Market: Assembling (2021-2026) & (K Units)
- Figure 22. Collaborative Robot (Cobot) Teach Pendants Consumed in Other Applications
- Figure 23. Global Collaborative Robot (Cobot) Teach Pendants Market: Other

Applications (2021-2026) & (K Units)

Figure 24. Global Collaborative Robot (Cobot) Teach Pendants Sale Market Share by Application (2025)

Figure 25. Global Collaborative Robot (Cobot) Teach Pendants Revenue Market Share by Application in 2026

Figure 26. Collaborative Robot (Cobot) Teach Pendants Sales by Company in 2026 (K Units)

Figure 27. Global Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Company in 2026

Figure 28. Collaborative Robot (Cobot) Teach Pendants Revenue by Company in 2026 (\$ millions)

Figure 29. Global Collaborative Robot (Cobot) Teach Pendants Revenue Market Share by Company in 2026

Figure 30. Global Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Geographic Region (2021-2026)

Figure 31. Global Collaborative Robot (Cobot) Teach Pendants Revenue Market Share by Geographic Region in 2026

Figure 32. Americas Collaborative Robot (Cobot) Teach Pendants Sales 2021-2026 (K Units)

Figure 33. Americas Collaborative Robot (Cobot) Teach Pendants Revenue 2021-2026 (\$ millions)

Figure 34. APAC Collaborative Robot (Cobot) Teach Pendants Sales 2021-2026 (K Units)

Figure 35. APAC Collaborative Robot (Cobot) Teach Pendants Revenue 2021-2026 (\$ millions)

Figure 36. Europe Collaborative Robot (Cobot) Teach Pendants Sales 2021-2026 (K Units)

Figure 37. Europe Collaborative Robot (Cobot) Teach Pendants Revenue 2021-2026 (\$ millions)

Figure 38. Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Sales 2021-2026 (K Units)

Figure 39. Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Revenue 2021-2026 (\$ millions)

Figure 40. Americas Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Country in 2026

Figure 41. Americas Collaborative Robot (Cobot) Teach Pendants Revenue Market Share by Country (2021-2026)

Figure 42. Americas Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Type (2021-2026)

Figure 43. Americas Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Application (2021-2026)

Figure 44. United States Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 45. Canada Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 46. Mexico Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 47. Brazil Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 48. APAC Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Region in 2026

Figure 49. APAC Collaborative Robot (Cobot) Teach Pendants Revenue Market Share by Region (2021-2026)

Figure 50. APAC Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Type (2021-2026)

Figure 51. APAC Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Application (2021-2026)

Figure 52. China Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 53. Japan Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 54. South Korea Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 55. Southeast Asia Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 56. India Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 57. Australia Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 58. China Taiwan Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 59. Europe Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Country in 2026

Figure 60. Europe Collaborative Robot (Cobot) Teach Pendants Revenue Market Share by Country (2021-2026)

Figure 61. Europe Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Type (2021-2026)

Figure 62. Europe Collaborative Robot (Cobot) Teach Pendants Sales Market Share by

Application (2021-2026)

Figure 63. Germany Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 64. France Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 65. UK Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 66. Italy Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 67. Russia Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 68. Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Country (2021-2026)

Figure 69. Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Type (2021-2026)

Figure 70. Middle East & Africa Collaborative Robot (Cobot) Teach Pendants Sales Market Share by Application (2021-2026)

Figure 71. Egypt Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 72. South Africa Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 73. Israel Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 74. Turkey Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 75. GCC Countries Collaborative Robot (Cobot) Teach Pendants Revenue Growth 2021-2026 (\$ millions)

Figure 76. Manufacturing Cost Structure Analysis of Collaborative Robot (Cobot) Teach Pendants in 2026

Figure 77. Manufacturing Process Analysis of Collaborative Robot (Cobot) Teach Pendants

Figure 78. Industry Chain Structure of Collaborative Robot (Cobot) Teach Pendants

Figure 79. Channels of Distribution

Figure 80. Global Collaborative Robot (Cobot) Teach Pendants Sales Market Forecast by Region (2027-2032)

Figure 81. Global Collaborative Robot (Cobot) Teach Pendants Revenue Market Share Forecast by Region (2027-2032)

Figure 82. Global Collaborative Robot (Cobot) Teach Pendants Sales Market Share Forecast by Type (2027-2032)

Figure 83. Global Collaborative Robot (Cobot) Teach Pendants Revenue Market Share Forecast by Type (2027-2032)

Figure 84. Global Collaborative Robot (Cobot) Teach Pendants Sales Market Share Forecast by Application (2027-2032)

Figure 85. Global Collaborative Robot (Cobot) Teach Pendants Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Collaborative Robot (Cobot) Teach Pendants Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/GBA68446FE59EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GBA68446FE59EN.html>