

# Global Formaldehyde-free Boards Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G53AFCE959B4EN.html>

Date: February 2026

Pages: 119

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

ID: G53AFCE959B4EN

## Abstracts

The global Formaldehyde-free Boards market size is expected to reach \$ 12540 million by 2032, rising at a market growth of 9.0% CAGR during the forecast period (2026-2032).

In 2025, global sales of formaldehyde-free boards reached 360 million square meters, with an average selling price of US\$18.5 per square meter. Formaldehyde-free boards refer to engineered wood products manufactured using environmentally friendly adhesive systems such as MDI eco-adhesive, soybean protein adhesive, and lignin adhesive, with little or no use of urea-formaldehyde resin adhesives that release formaldehyde. These include particleboard, MDF, and plywood, characterized by low VOC emissions, high environmental standards, and suitability for interior decoration and custom furniture. Upstream raw materials mainly include logs and wood chips, straw fiber, environmentally friendly adhesives, paraffin emulsion, and additives, with wood fiber accounting for the largest share of upstream material consumption. Downstream supply mainly targets custom furniture factories, cabinet and wardrobe companies, prefabricated interior decoration companies, and commercial space decoration projects, with downstream consumption primarily consisting of panel furniture and interior decoration. Global total production capacity in 2025 was approximately 480 million square meters, with an average gross profit margin of approximately 22%. The future lies in upgrading to ENF-grade and zero-additive eco-boards, and expanding applications in conjunction with prefabricated buildings and green certification systems. Demand and business opportunities mainly come from increasingly stringent environmental regulations, rising consumer health awareness, and the rapid development of whole-house customization, which creates space for replacing traditional board materials.

The formaldehyde-free boards market is currently in a growth phase, shifting from policy-driven to a combination of consumption upgrades and brand premiums, with strong short- to medium-term demand resilience. From the supply side, stricter environmental regulations and the implementation of ENF-grade and higher environmental standards are accelerating the replacement of traditional wood-based panels. Companies with MDI and bio-based adhesive technology reserves, stable wood fiber resources, and large-scale production capabilities will continue to gain a competitive advantage. Simultaneously, the industry is showing a trend towards consolidation among leading companies, while smaller manufacturers face pressure from environmental investment and certification costs.

From the demand side, customized home furnishings, prefabricated interior decoration, and the renovation of high-end residential and commercial spaces are the main sources of growth. Increased consumer focus on healthy living environments is driving up the premium pricing power of high-end formaldehyde-free products. Regionally, the Asia-Pacific region remains the largest growth market, while Europe and the United States are primarily driven by high-standard certifications and brand value.

Future competition will focus on adhesive technology, the application of bio-based materials, stable quality control, and green supply chain certification. Meanwhile, distribution channels will extend towards integrated home furnishing solutions, direct procurement for projects, and cross-industry collaborations with home furnishing brands. Overall, the industry's long-term growth logic is clear, but attention should be paid to fluctuations in the prices of logs and chemical raw materials, increased costs of green certification, and short-term profit fluctuations caused by the market education cycle.

This report studies the global Formaldehyde-free Boards production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Formaldehyde-free Boards and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Formaldehyde-free Boards that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Formaldehyde-free Boards total production and demand, 2021-2032, (K Sqm)

Global Formaldehyde-free Boards total production value, 2021-2032, (USD Million)

Global Formaldehyde-free Boards production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Sqm), (based on production site)

Global Formaldehyde-free Boards consumption by region & country, CAGR, 2021-2032 & (K Sqm)

U.S. VS China: Formaldehyde-free Boards domestic production, consumption, key domestic manufacturers and share

Global Formaldehyde-free Boards production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Sqm)

Global Formaldehyde-free Boards production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Sqm)

Global Formaldehyde-free Boards production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Sqm)

This report profiles key players in the global Formaldehyde-free Boards market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Haute Innovation, Finsa, Pico Plywood, Uniboard, SUDAO, Kronospan, West Fraser Timber Co., Egger, Columbia Forest Products, Greenzone, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Formaldehyde-free Boards market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Sqm) and average price (US\$/Sq m) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Formaldehyde-free Boards Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Formaldehyde-free Boards Market, Segmentation by Type:

Lignin/Soybean Glue Board

Polyurethane Eco-adhesive Board

MDI Eco-adhesive Board

Inorganic Cementitious Board

#### Global Formaldehyde-free Boards Market, Segmentation by Board Form:

Formaldehyde-free Plywood

Formaldehyde-free Blockboard

Formaldehyde-free Fiberboard

Others

#### Global Formaldehyde-free Boards Market, Segmentation by Finishing Type:

Melamine Finish

PET/PVC Lamination

Solid Wood Veneer

Others

#### Global Formaldehyde-free Boards Market, Segmentation by Application:

Furniture Manufacturing

Architectural Decoration

Packaging

Others

#### Companies Profiled:

Haute Innovation

Finsa

Pico Plywood

Uniboard

SUDAO

Kronospan

West Fraser Timber Co.

Egger

Columbia Forest Products

Greenzone

Onsungroup

**Key Questions Answered:**

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

## Contents

### 1 SUPPLY SUMMARY

- 1.1 High Pressure Common Rail Pressure Sensor Introduction
- 1.2 World High Pressure Common Rail Pressure Sensor Supply & Forecast
  - 1.2.1 World High Pressure Common Rail Pressure Sensor Production Value (2021 & 2025 & 2032)
  - 1.2.2 World High Pressure Common Rail Pressure Sensor Production (2021-2032)
  - 1.2.3 World High Pressure Common Rail Pressure Sensor Pricing Trends (2021-2032)
- 1.3 World High Pressure Common Rail Pressure Sensor Production by Region (Based on Production Site)
  - 1.3.1 World High Pressure Common Rail Pressure Sensor Production Value by Region (2021-2032)
  - 1.3.2 World High Pressure Common Rail Pressure Sensor Production by Region (2021-2032)
  - 1.3.3 World High Pressure Common Rail Pressure Sensor Average Price by Region (2021-2032)
  - 1.3.4 North America High Pressure Common Rail Pressure Sensor Production (2021-2032)
  - 1.3.5 Europe High Pressure Common Rail Pressure Sensor Production (2021-2032)
  - 1.3.6 China High Pressure Common Rail Pressure Sensor Production (2021-2032)
  - 1.3.7 Japan High Pressure Common Rail Pressure Sensor Production (2021-2032)
  - 1.3.8 South Korea High Pressure Common Rail Pressure Sensor Production (2021-2032)
  - 1.3.9 Southeast Asia High Pressure Common Rail Pressure Sensor Production (2021-2032)
  - 1.3.10 China Taiwan High Pressure Common Rail Pressure Sensor Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 High Pressure Common Rail Pressure Sensor Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 High Pressure Common Rail Pressure Sensor Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World High Pressure Common Rail Pressure Sensor Demand (2021-2032)
- 2.2 World High Pressure Common Rail Pressure Sensor Consumption by Region
  - 2.2.1 World High Pressure Common Rail Pressure Sensor Consumption by Region

(2021-2026)

2.2.2 World High Pressure Common Rail Pressure Sensor Consumption Forecast by Region (2027-2032)

2.3 United States High Pressure Common Rail Pressure Sensor Consumption (2021-2032)

2.4 China High Pressure Common Rail Pressure Sensor Consumption (2021-2032)

2.5 Europe High Pressure Common Rail Pressure Sensor Consumption (2021-2032)

2.6 Japan High Pressure Common Rail Pressure Sensor Consumption (2021-2032)

2.7 South Korea High Pressure Common Rail Pressure Sensor Consumption (2021-2032)

2.8 ASEAN High Pressure Common Rail Pressure Sensor Consumption (2021-2032)

2.9 India High Pressure Common Rail Pressure Sensor Consumption (2021-2032)

### **3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World High Pressure Common Rail Pressure Sensor Production Value by Manufacturer (2021-2026)

3.2 World High Pressure Common Rail Pressure Sensor Production by Manufacturer (2021-2026)

3.3 World High Pressure Common Rail Pressure Sensor Average Price by Manufacturer (2021-2026)

3.4 High Pressure Common Rail Pressure Sensor Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global High Pressure Common Rail Pressure Sensor Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for High Pressure Common Rail Pressure Sensor in 2025

3.5.3 Global Concentration Ratios (CR8) for High Pressure Common Rail Pressure Sensor in 2025

3.6 High Pressure Common Rail Pressure Sensor Market: Overall Company Footprint Analysis

3.6.1 High Pressure Common Rail Pressure Sensor Market: Region Footprint

3.6.2 High Pressure Common Rail Pressure Sensor Market: Company Product Type Footprint

3.6.3 High Pressure Common Rail Pressure Sensor 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: High Pressure Common Rail Pressure Sensor Production Value Comparison

4.1.1 United States VS China: High Pressure Common Rail Pressure Sensor Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: High Pressure Common Rail Pressure Sensor Production Value Market Share Comparison (2021 & 2025 & 2032)

### 4.2 United States VS China: High Pressure Common Rail Pressure Sensor Production Comparison

4.2.1 United States VS China: High Pressure Common Rail Pressure Sensor Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: High Pressure Common Rail Pressure Sensor Production Market Share Comparison (2021 & 2025 & 2032)

### 4.3 United States VS China: High Pressure Common Rail Pressure Sensor Consumption Comparison

4.3.1 United States VS China: High Pressure Common Rail Pressure Sensor Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: High Pressure Common Rail Pressure Sensor Consumption Market Share Comparison (2021 & 2025 & 2032)

### 4.4 United States Based High Pressure Common Rail Pressure Sensor Manufacturers and Market Share, 2021-2026

4.4.1 United States Based High Pressure Common Rail Pressure Sensor Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers High Pressure Common Rail Pressure Sensor Production Value (2021-2026)

4.4.3 United States Based Manufacturers High Pressure Common Rail Pressure Sensor Production (2021-2026)

### 4.5 China Based High Pressure Common Rail Pressure Sensor Manufacturers and Market Share

4.5.1 China Based High Pressure Common Rail Pressure Sensor Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers High Pressure Common Rail Pressure Sensor Production Value (2021-2026)

4.5.3 China Based Manufacturers High Pressure Common Rail Pressure Sensor

Production (2021-2026)

4.6 Rest of World Based High Pressure Common Rail Pressure Sensor Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based High Pressure Common Rail Pressure Sensor Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers High Pressure Common Rail Pressure Sensor Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers High Pressure Common Rail Pressure Sensor Production (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World High Pressure Common Rail Pressure Sensor Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Piezoresistive

5.2.2 Capacitive

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World High Pressure Common Rail Pressure Sensor Production by Type (2021-2032)

5.3.2 World High Pressure Common Rail Pressure Sensor Production Value by Type (2021-2032)

5.3.3 World High Pressure Common Rail Pressure Sensor Average Price by Type (2021-2032)

## **6 MARKET ANALYSIS BY PRESSURE MEASUREMENT**

6.1 World High Pressure Common Rail Pressure Sensor Market Size Overview by Pressure Measurement: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Pressure Measurement

6.2.1 Gastric Pressure Sensor

6.2.2 Absolute Pressure Sensor

6.2.3 Differential Pressure Sensor

6.3 Market Segment by Pressure Measurement

6.3.1 World High Pressure Common Rail Pressure Sensor Production by Pressure Measurement (2021-2032)

6.3.2 World High Pressure Common Rail Pressure Sensor Production Value by Pressure Measurement (2021-2032)

6.3.3 World High Pressure Common Rail Pressure Sensor Average Price by Pressure Measurement (2021-2032)

## **7 MARKET ANALYSIS BY OUTPUT SIGNAL**

7.1 World High Pressure Common Rail Pressure Sensor Market Size Overview by Output Signal: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Output Signal

7.2.1 Analog Signal Output

7.2.2 Digital Signal Output

7.3 Market Segment by Output Signal

7.3.1 World High Pressure Common Rail Pressure Sensor Production by Output Signal (2021-2032)

7.3.2 World High Pressure Common Rail Pressure Sensor Production Value by Output Signal (2021-2032)

7.3.3 World High Pressure Common Rail Pressure Sensor Average Price by Output Signal (2021-2032)

## **8 MARKET ANALYSIS BY APPLICATION**

8.1 World High Pressure Common Rail Pressure Sensor Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Automobile

8.2.2 Construction Machinery

8.2.3 Water Treatment

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World High Pressure Common Rail Pressure Sensor Production by Application (2021-2032)

8.3.2 World High Pressure Common Rail Pressure Sensor Production Value by Application (2021-2032)

8.3.3 World High Pressure Common Rail Pressure Sensor Average Price by Application (2021-2032)

## **9 COMPANY PROFILES**

9.1 Denso

9.1.1 Denso Details

- 9.1.2 Denso Major Business
- 9.1.3 Denso High Pressure Common Rail Pressure Sensor Product and Services
- 9.1.4 Denso High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.1.5 Denso Recent Developments/Updates
- 9.1.6 Denso Competitive Strengths & Weaknesses
- 9.2 Bosch
  - 9.2.1 Bosch Details
  - 9.2.2 Bosch Major Business
  - 9.2.3 Bosch High Pressure Common Rail Pressure Sensor Product and Services
  - 9.2.4 Bosch High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.2.5 Bosch Recent Developments/Updates
  - 9.2.6 Bosch Competitive Strengths & Weaknesses
- 9.3 Schaeffler
  - 9.3.1 Schaeffler Details
  - 9.3.2 Schaeffler Major Business
  - 9.3.3 Schaeffler High Pressure Common Rail Pressure Sensor Product and Services
  - 9.3.4 Schaeffler High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.3.5 Schaeffler Recent Developments/Updates
  - 9.3.6 Schaeffler Competitive Strengths & Weaknesses
- 9.4 Continental
  - 9.4.1 Continental Details
  - 9.4.2 Continental Major Business
  - 9.4.3 Continental High Pressure Common Rail Pressure Sensor Product and Services
  - 9.4.4 Continental High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.4.5 Continental Recent Developments/Updates
  - 9.4.6 Continental Competitive Strengths & Weaknesses
- 9.5 Renesas Electronics
  - 9.5.1 Renesas Electronics Details
  - 9.5.2 Renesas Electronics Major Business
  - 9.5.3 Renesas Electronics High Pressure Common Rail Pressure Sensor Product and Services
  - 9.5.4 Renesas Electronics High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.5.5 Renesas Electronics Recent Developments/Updates
  - 9.5.6 Renesas Electronics Competitive Strengths & Weaknesses

## 9.6 Sensata Technologies

9.6.1 Sensata Technologies Details

9.6.2 Sensata Technologies Major Business

9.6.3 Sensata Technologies High Pressure Common Rail Pressure Sensor Product and Services

9.6.4 Sensata Technologies High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Sensata Technologies Recent Developments/Updates

9.6.6 Sensata Technologies Competitive Strengths & Weaknesses

## 9.7 Kubota

9.7.1 Kubota Details

9.7.2 Kubota Major Business

9.7.3 Kubota High Pressure Common Rail Pressure Sensor Product and Services

9.7.4 Kubota High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 Kubota Recent Developments/Updates

9.7.6 Kubota Competitive Strengths & Weaknesses

## 9.8 Honeywell

9.8.1 Honeywell Details

9.8.2 Honeywell Major Business

9.8.3 Honeywell High Pressure Common Rail Pressure Sensor Product and Services

9.8.4 Honeywell High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Honeywell Recent Developments/Updates

9.8.6 Honeywell Competitive Strengths & Weaknesses

## 9.9 Texas Instruments

9.9.1 Texas Instruments Details

9.9.2 Texas Instruments Major Business

9.9.3 Texas Instruments High Pressure Common Rail Pressure Sensor Product and Services

9.9.4 Texas Instruments High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Texas Instruments Recent Developments/Updates

9.9.6 Texas Instruments Competitive Strengths & Weaknesses

## 9.10 Mitsubishi Electric

9.10.1 Mitsubishi Electric Details

9.10.2 Mitsubishi Electric Major Business

9.10.3 Mitsubishi Electric High Pressure Common Rail Pressure Sensor Product and Services

- 9.10.4 Mitsubishi Electric High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.10.5 Mitsubishi Electric Recent Developments/Updates
- 9.10.6 Mitsubishi Electric Competitive Strengths & Weaknesses
- 9.11 Cummins
  - 9.11.1 Cummins Details
  - 9.11.2 Cummins Major Business
  - 9.11.3 Cummins High Pressure Common Rail Pressure Sensor Product and Services
  - 9.11.4 Cummins High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.11.5 Cummins Recent Developments/Updates
  - 9.11.6 Cummins Competitive Strengths & Weaknesses
- 9.12 DELPHI
  - 9.12.1 DELPHI Details
  - 9.12.2 DELPHI Major Business
  - 9.12.3 DELPHI High Pressure Common Rail Pressure Sensor Product and Services
  - 9.12.4 DELPHI High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.12.5 DELPHI Recent Developments/Updates
  - 9.12.6 DELPHI Competitive Strengths & Weaknesses
- 9.13 GOVA
  - 9.13.1 GOVA Details
  - 9.13.2 GOVA Major Business
  - 9.13.3 GOVA High Pressure Common Rail Pressure Sensor Product and Services
  - 9.13.4 GOVA High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.13.5 GOVA Recent Developments/Updates
  - 9.13.6 GOVA Competitive Strengths & Weaknesses
- 9.14 HGTECH
  - 9.14.1 HGTECH Details
  - 9.14.2 HGTECH Major Business
  - 9.14.3 HGTECH High Pressure Common Rail Pressure Sensor Product and Services
  - 9.14.4 HGTECH High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.14.5 HGTECH Recent Developments/Updates
  - 9.14.6 HGTECH Competitive Strengths & Weaknesses
- 9.15 Nanjing Wotian Technology
  - 9.15.1 Nanjing Wotian Technology Details
  - 9.15.2 Nanjing Wotian Technology Major Business

9.15.3 Nanjing Wotian Technology High Pressure Common Rail Pressure Sensor Product and Services

9.15.4 Nanjing Wotian Technology High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.15.5 Nanjing Wotian Technology Recent Developments/Updates

9.15.6 Nanjing Wotian Technology Competitive Strengths & Weaknesses

9.16 Songnuomeng Technology

9.16.1 Songnuomeng Technology Details

9.16.2 Songnuomeng Technology Major Business

9.16.3 Songnuomeng Technology High Pressure Common Rail Pressure Sensor Product and Services

9.16.4 Songnuomeng Technology High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.16.5 Songnuomeng Technology Recent Developments/Updates

9.16.6 Songnuomeng Technology Competitive Strengths & Weaknesses

9.17 SENMOL

9.17.1 SENMOL Details

9.17.2 SENMOL Major Business

9.17.3 SENMOL High Pressure Common Rail Pressure Sensor Product and Services

9.17.4 SENMOL High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.17.5 SENMOL Recent Developments/Updates

9.17.6 SENMOL Competitive Strengths & Weaknesses

9.18 FLUHANDY

9.18.1 FLUHANDY Details

9.18.2 FLUHANDY Major Business

9.18.3 FLUHANDY High Pressure Common Rail Pressure Sensor Product and Services

9.18.4 FLUHANDY High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.18.5 FLUHANDY Recent Developments/Updates

9.18.6 FLUHANDY Competitive Strengths & Weaknesses

9.19 CHINA-LUTONG

9.19.1 CHINA-LUTONG Details

9.19.2 CHINA-LUTONG Major Business

9.19.3 CHINA-LUTONG High Pressure Common Rail Pressure Sensor Product and Services

9.19.4 CHINA-LUTONG High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 9.19.5 CHINA-LUTONG Recent Developments/Updates
- 9.19.6 CHINA-LUTONG Competitive Strengths & Weaknesses
- 9.20 Hunan MAC Sensor
  - 9.20.1 Hunan MAC Sensor Details
  - 9.20.2 Hunan MAC Sensor Major Business
  - 9.20.3 Hunan MAC Sensor High Pressure Common Rail Pressure Sensor Product and Services
  - 9.20.4 Hunan MAC Sensor High Pressure Common Rail Pressure Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.20.5 Hunan MAC Sensor Recent Developments/Updates
  - 9.20.6 Hunan MAC Sensor Competitive Strengths & Weaknesses

## **10 INDUSTRY CHAIN ANALYSIS**

- 10.1 High Pressure Common Rail Pressure Sensor Industry Chain
- 10.2 High Pressure Common Rail Pressure Sensor Upstream Analysis
  - 10.2.1 High Pressure Common Rail Pressure Sensor Core Raw Materials
  - 10.2.2 Main Manufacturers of High Pressure Common Rail Pressure Sensor Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 High Pressure Common Rail Pressure Sensor Production Mode
- 10.6 High Pressure Common Rail Pressure Sensor Procurement Model
- 10.7 High Pressure Common Rail Pressure Sensor Industry Sales Model and Sales Channels
  - 10.7.1 High Pressure Common Rail Pressure Sensor Sales Model
  - 10.7.2 High Pressure Common Rail Pressure Sensor Typical Distributors

## **11 RESEARCH FINDINGS AND CONCLUSION**

## **12 APPENDIX**

- 12.1 Methodology
- 12.2 Research Process and Data Source
- 12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Formaldehyde-free Boards Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Formaldehyde-free Boards Production Value by Region (2021-2026) & (USD Million)

Table 3. World Formaldehyde-free Boards Production Value by Region (2027-2032) & (USD Million)

Table 4. World Formaldehyde-free Boards Production Value Market Share by Region (2021-2026)

Table 5. World Formaldehyde-free Boards Production Value Market Share by Region (2027-2032)

Table 6. World Formaldehyde-free Boards Production by Region (2021-2026) & (K Sqm)

Table 7. World Formaldehyde-free Boards Production by Region (2027-2032) & (K Sqm)

Table 8. World Formaldehyde-free Boards Production Market Share by Region (2021-2026)

Table 9. World Formaldehyde-free Boards Production Market Share by Region (2027-2032)

Table 10. World Formaldehyde-free Boards Average Price by Region (2021-2026) & (US\$/Sq m)

Table 11. World Formaldehyde-free Boards Average Price by Region (2027-2032) & (US\$/Sq m)

Table 12. Formaldehyde-free Boards Major Market Trends

Table 13. World Formaldehyde-free Boards Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Sqm)

Table 14. World Formaldehyde-free Boards Consumption by Region (2021-2026) & (K Sqm)

Table 15. World Formaldehyde-free Boards Consumption Forecast by Region (2027-2032) & (K Sqm)

Table 16. World Formaldehyde-free Boards Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Formaldehyde-free Boards Producers in 2025

Table 18. World Formaldehyde-free Boards Production by Manufacturer (2021-2026) & (K Sqm)

Table 19. Production Market Share of Key Formaldehyde-free Boards Producers in 2025

Table 20. World Formaldehyde-free Boards Average Price by Manufacturer (2021-2026) & (US\$/Sq m)

Table 21. Global Formaldehyde-free Boards Company Evaluation Quadrant

Table 22. World Formaldehyde-free Boards Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Formaldehyde-free Boards Production Site of Key Manufacturer

Table 24. Formaldehyde-free Boards Market: Company Product Type Footprint

Table 25. Formaldehyde-free Boards Market: Company Product Application Footprint

Table 26. Formaldehyde-free Boards Competitive Factors

Table 27. Formaldehyde-free Boards New Entrant and Capacity Expansion Plans

Table 28. Formaldehyde-free Boards Mergers & Acquisitions Activity

Table 29. United States VS China Formaldehyde-free Boards Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Formaldehyde-free Boards Production Comparison, (2021 & 2025 & 2032) & (K Sqm)

Table 31. United States VS China Formaldehyde-free Boards Consumption Comparison, (2021 & 2025 & 2032) & (K Sqm)

Table 32. United States Based Formaldehyde-free Boards Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Formaldehyde-free Boards Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Formaldehyde-free Boards Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Formaldehyde-free Boards Production (2021-2026) & (K Sqm)

Table 36. United States Based Manufacturers Formaldehyde-free Boards Production Market Share (2021-2026)

Table 37. China Based Formaldehyde-free Boards Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Formaldehyde-free Boards Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Formaldehyde-free Boards Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Formaldehyde-free Boards Production, (2021-2026) & (K Sqm)

Table 41. China Based Manufacturers Formaldehyde-free Boards Production Market

Share (2021-2026)

Table 42. Rest of World Based Formaldehyde-free Boards Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Formaldehyde-free Boards Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Formaldehyde-free Boards Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Formaldehyde-free Boards Production, (2021-2026) & (K Sqm)

Table 46. Rest of World Based Manufacturers Formaldehyde-free Boards Production Market Share (2021-2026)

Table 47. World Formaldehyde-free Boards Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Formaldehyde-free Boards Production by Type (2021-2026) & (K Sqm)

Table 49. World Formaldehyde-free Boards Production by Type (2027-2032) & (K Sqm)

Table 50. World Formaldehyde-free Boards Production Value by Type (2021-2026) & (USD Million)

Table 51. World Formaldehyde-free Boards Production Value by Type (2027-2032) & (USD Million)

Table 52. World Formaldehyde-free Boards Average Price by Type (2021-2026) & (US\$/Sq m)

Table 53. World Formaldehyde-free Boards Average Price by Type (2027-2032) & (US\$/Sq m)

Table 54. World Formaldehyde-free Boards Production Value by Board Form, (USD Million), 2021 & 2025 & 2032

Table 55. World Formaldehyde-free Boards Production by Board Form (2021-2026) & (K Sqm)

Table 56. World Formaldehyde-free Boards Production by Board Form (2027-2032) & (K Sqm)

Table 57. World Formaldehyde-free Boards Production Value by Board Form (2021-2026) & (USD Million)

Table 58. World Formaldehyde-free Boards Production Value by Board Form (2027-2032) & (USD Million)

Table 59. World Formaldehyde-free Boards Average Price by Board Form (2021-2026) & (US\$/Sq m)

Table 60. World Formaldehyde-free Boards Average Price by Board Form (2027-2032) & (US\$/Sq m)

Table 61. World Formaldehyde-free Boards Production Value by Finishing Type, (USD Million), 2021 & 2025 & 2032

Table 62. World Formaldehyde-free Boards Production by Finishing Type (2021-2026) & (K Sqm)

Table 63. World Formaldehyde-free Boards Production by Finishing Type (2027-2032) & (K Sqm)

Table 64. World Formaldehyde-free Boards Production Value by Finishing Type (2021-2026) & (USD Million)

Table 65. World Formaldehyde-free Boards Production Value by Finishing Type (2027-2032) & (USD Million)

Table 66. World Formaldehyde-free Boards Average Price by Finishing Type (2021-2026) & (US\$/Sq m)

Table 67. World Formaldehyde-free Boards Average Price by Finishing Type (2027-2032) & (US\$/Sq m)

Table 68. World Formaldehyde-free Boards Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Formaldehyde-free Boards Production by Application (2021-2026) & (K Sqm)

Table 70. World Formaldehyde-free Boards Production by Application (2027-2032) & (K Sqm)

Table 71. World Formaldehyde-free Boards Production Value by Application (2021-2026) & (USD Million)

Table 72. World Formaldehyde-free Boards Production Value by Application (2027-2032) & (USD Million)

Table 73. World Formaldehyde-free Boards Average Price by Application (2021-2026) & (US\$/Sq m)

Table 74. World Formaldehyde-free Boards Average Price by Application (2027-2032) & (US\$/Sq m)

Table 75. Haute Innovation Basic Information, Manufacturing Base and Competitors

Table 76. Haute Innovation Major Business

Table 77. Haute Innovation Formaldehyde-free Boards Product and Services

Table 78. Haute Innovation Formaldehyde-free Boards Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Haute Innovation Recent Developments/Updates

Table 80. Haute Innovation Competitive Strengths & Weaknesses

Table 81. Finsa Basic Information, Manufacturing Base and Competitors

Table 82. Finsa Major Business

Table 83. Finsa Formaldehyde-free Boards Product and Services

Table 84. Finsa Formaldehyde-free Boards Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

- Table 85. Finsa Recent Developments/Updates
- Table 86. Finsa Competitive Strengths & Weaknesses
- Table 87. Pico Plywood Basic Information, Manufacturing Base and Competitors
- Table 88. Pico Plywood Major Business
- Table 89. Pico Plywood Formaldehyde-free Boards Product and Services
- Table 90. Pico Plywood Formaldehyde-free Boards Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 91. Pico Plywood Recent Developments/Updates
- Table 92. Pico Plywood Competitive Strengths & Weaknesses
- Table 93. Uniboard Basic Information, Manufacturing Base and Competitors
- Table 94. Uniboard Major Business
- Table 95. Uniboard Formaldehyde-free Boards Product and Services
- Table 96. Uniboard Formaldehyde-free Boards Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 97. Uniboard Recent Developments/Updates
- Table 98. Uniboard Competitive Strengths & Weaknesses
- Table 99. SUDAO Basic Information, Manufacturing Base and Competitors
- Table 100. SUDAO Major Business
- Table 101. SUDAO Formaldehyde-free Boards Product and Services
- Table 102. SUDAO Formaldehyde-free Boards Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. SUDAO Recent Developments/Updates
- Table 104. SUDAO Competitive Strengths & Weaknesses
- Table 105. Kronospan Basic Information, Manufacturing Base and Competitors
- Table 106. Kronospan Major Business
- Table 107. Kronospan Formaldehyde-free Boards Product and Services
- Table 108. Kronospan Formaldehyde-free Boards Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 109. Kronospan Recent Developments/Updates
- Table 110. Kronospan Competitive Strengths & Weaknesses
- Table 111. West Fraser Timber Co. Basic Information, Manufacturing Base and Competitors
- Table 112. West Fraser Timber Co. Major Business
- Table 113. West Fraser Timber Co. Formaldehyde-free Boards Product and Services
- Table 114. West Fraser Timber Co. Formaldehyde-free Boards Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. West Fraser Timber Co. Recent Developments/Updates
- Table 116. West Fraser Timber Co. Competitive Strengths & Weaknesses

- Table 117. Egger Basic Information, Manufacturing Base and Competitors
- Table 118. Egger Major Business
- Table 119. Egger Formaldehyde-free Boards Product and Services
- Table 120. Egger Formaldehyde-free Boards Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. Egger Recent Developments/Updates
- Table 122. Egger Competitive Strengths & Weaknesses
- Table 123. Columbia Forest Products Basic Information, Manufacturing Base and Competitors
- Table 124. Columbia Forest Products Major Business
- Table 125. Columbia Forest Products Formaldehyde-free Boards Product and Services
- Table 126. Columbia Forest Products Formaldehyde-free Boards Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 127. Columbia Forest Products Recent Developments/Updates
- Table 128. Columbia Forest Products Competitive Strengths & Weaknesses
- Table 129. Greenzone Basic Information, Manufacturing Base and Competitors
- Table 130. Greenzone Major Business
- Table 131. Greenzone Formaldehyde-free Boards Product and Services
- Table 132. Greenzone Formaldehyde-free Boards Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 133. Greenzone Recent Developments/Updates
- Table 134. Greenzone Competitive Strengths & Weaknesses
- Table 135. Onsun group Basic Information, Manufacturing Base and Competitors
- Table 136. Onsun group Major Business
- Table 137. Onsun group Formaldehyde-free Boards Product and Services
- Table 138. Onsun group Formaldehyde-free Boards Production (K Sqm), Price (US\$/Sq m), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 139. Onsun group Recent Developments/Updates
- Table 140. Onsun group Competitive Strengths & Weaknesses
- Table 141. Global Key Players of Formaldehyde-free Boards Upstream (Raw Materials)
- Table 142. Global Formaldehyde-free Boards Typical Customers
- Table 143. Formaldehyde-free Boards Typical Distributors

## List Of Figures

### LIST OF FIGURES

- Figure 1. Formaldehyde-free Boards Picture
- Figure 2. World Formaldehyde-free Boards Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Formaldehyde-free Boards Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World Formaldehyde-free Boards Production (2021-2032) & (K Sqm)
- Figure 5. World Formaldehyde-free Boards Average Price (2021-2032) & (US\$/Sq m)
- Figure 6. World Formaldehyde-free Boards Production Value Market Share by Region (2021-2032)
- Figure 7. World Formaldehyde-free Boards Production Market Share by Region (2021-2032)
- Figure 8. North America Formaldehyde-free Boards Production (2021-2032) & (K Sqm)
- Figure 9. Europe Formaldehyde-free Boards Production (2021-2032) & (K Sqm)
- Figure 10. China Formaldehyde-free Boards Production (2021-2032) & (K Sqm)
- Figure 11. Japan Formaldehyde-free Boards Production (2021-2032) & (K Sqm)
- Figure 12. India Formaldehyde-free Boards Production (2021-2032) & (K Sqm)
- Figure 13. Formaldehyde-free Boards Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World Formaldehyde-free Boards Consumption (2021-2032) & (K Sqm)
- Figure 16. World Formaldehyde-free Boards Consumption Market Share by Region (2021-2032)
- Figure 17. United States Formaldehyde-free Boards Consumption (2021-2032) & (K Sqm)
- Figure 18. China Formaldehyde-free Boards Consumption (2021-2032) & (K Sqm)
- Figure 19. Europe Formaldehyde-free Boards Consumption (2021-2032) & (K Sqm)
- Figure 20. Japan Formaldehyde-free Boards Consumption (2021-2032) & (K Sqm)
- Figure 21. South Korea Formaldehyde-free Boards Consumption (2021-2032) & (K Sqm)
- Figure 22. ASEAN Formaldehyde-free Boards Consumption (2021-2032) & (K Sqm)
- Figure 23. India Formaldehyde-free Boards Consumption (2021-2032) & (K Sqm)
- Figure 24. Producer Shipments of Formaldehyde-free Boards by Manufacturer Revenue (\$MM) and Market Share (%): 2025
- Figure 25. Global Four-firm Concentration Ratios (CR4) for Formaldehyde-free Boards Markets in 2025
- Figure 26. Global Four-firm Concentration Ratios (CR8) for Formaldehyde-free Boards

## Markets in 2025

Figure 27. United States VS China: Formaldehyde-free Boards Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Formaldehyde-free Boards Production Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Formaldehyde-free Boards Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States Based Manufacturers Formaldehyde-free Boards Production Market Share 2025

Figure 31. China Based Manufacturers Formaldehyde-free Boards Production Market Share 2025

Figure 32. Rest of World Based Manufacturers Formaldehyde-free Boards Production Market Share 2025

Figure 33. World Formaldehyde-free Boards Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 34. World Formaldehyde-free Boards Production Value Market Share by Type in 2025

Figure 35. Lignin/Soybean Glue Board

Figure 36. Polyurethane Eco-adhesive Board

Figure 37. MDI Eco-adhesive Board

Figure 38. Inorganic Cementitious Board

Figure 39. World Formaldehyde-free Boards Production Market Share by Type (2021-2032)

Figure 40. World Formaldehyde-free Boards Production Value Market Share by Type (2021-2032)

Figure 41. World Formaldehyde-free Boards Average Price by Type (2021-2032) & (US\$/Sq m)

Figure 42. World Formaldehyde-free Boards Production Value by Board Form, (USD Million), 2021 & 2025 & 2032

Figure 43. World Formaldehyde-free Boards Production Value Market Share by Board Form in 2025

Figure 44. Formaldehyde-free Plywood

Figure 45. Formaldehyde-free Blockboard

Figure 46. Formaldehyde-free Fiberboard

Figure 47. Others

Figure 48. World Formaldehyde-free Boards Production Market Share by Board Form (2021-2032)

Figure 49. World Formaldehyde-free Boards Production Value Market Share by Board Form (2021-2032)

Figure 50. World Formaldehyde-free Boards Average Price by Board Form (2021-2032) & (US\$/Sq m)

Figure 51. World Formaldehyde-free Boards Production Value by Finishing Type, (USD Million), 2021 & 2025 & 2032

Figure 52. World Formaldehyde-free Boards Production Value Market Share by Finishing Type in 2025

Figure 53. Melamine Finish

Figure 54. PET/PVC Lamination

Figure 55. Solid Wood Veneer

Figure 56. Others

Figure 57. World Formaldehyde-free Boards Production Market Share by Finishing Type (2021-2032)

Figure 58. World Formaldehyde-free Boards Production Value Market Share by Finishing Type (2021-2032)

Figure 59. World Formaldehyde-free Boards Average Price by Finishing Type (2021-2032) & (US\$/Sq m)

Figure 60. World Formaldehyde-free Boards Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 61. World Formaldehyde-free Boards Production Value Market Share by Application in 2025

Figure 62. Furniture Manufacturing

Figure 63. Architectural Decoration

Figure 64. Packaging

Figure 65. Others

Figure 66. World Formaldehyde-free Boards Production Market Share by Application (2021-2032)

Figure 67. World Formaldehyde-free Boards Production Value Market Share by Application (2021-2032)

Figure 68. World Formaldehyde-free Boards Average Price by Application (2021-2032) & (US\$/Sq m)

Figure 69. Formaldehyde-free Boards Industry Chain

Figure 70. Formaldehyde-free Boards Procurement Model

Figure 71. Formaldehyde-free Boards Sales Model

Figure 72. Formaldehyde-free Boards Sales Channels, Direct Sales, and Distribution

Figure 73. Methodology

Figure 74. Research Process and Data Source

## I would like to order

Product name: Global Formaldehyde-free Boards Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G53AFCE959B4EN.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/G53AFCE959B4EN.html>