

Pelletizing Machine Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 to 2032

<https://marketpublishers.com/r/P952C2B3DAC6EN.html>

Date: October 2024

Pages: 140

Price: US\$ 4,850.00 (Single User License)

ID: P952C2B3DAC6EN

Abstracts

The Global Pelletizing Machine Market reached USD 2.9 billion in 2023 and is projected to experience 3.8% CAGR from 2024 to 2032, driven by high-quality feed essential for livestock health. Pelletized feed is increasingly favored for its nutritional advantages and ease of handling, further stimulating the demand for pelletizing machinery. Recent advancements in pelletizing technology enhance market appeal, particularly through improved efficiency, reduced energy consumption, and superior pellet quality. The adoption of automation and smart technologies is becoming more prevalent in the industry, making operations more efficient.

Moreover, the rising interest in wood pellets for heating and industrial applications, especially in regions like Europe and North America, encourages investments in pelletizing equipment. Consequently, the market is poised for robust growth, fueled by the expansion within the animal feed sector, increasing demand for biomass energy, advancements in pellet production technology, and growth in the wood pellet market. When categorized by type, the underwater pelletizing machine segment generated around USD 1.1 billion in revenue in 2023 and is anticipated to grow at a CAGR of approximately 4.2% during the forecast period. Underwater pelletizers work by shaping molten polymer into pellets as they outlet spherical die holes, and they are becoming more integrated into recycling lines, particularly for engineering plastics.

These systems enhance material recovery rates and support extensive automation, allowing features such as blade sharpening and in-line die-plate grinding to be managed by PLC controls, which significantly reduces downtime. In terms of end-use industries, the biomass energy segment accounted for about 32% of the overall market share in 2023 and is expected to grow at a CAGR of 4.2% from 2024 to 2032. The push for

renewable energy is driving the production of biomass pellets for heating and power generation. Innovations in pelletizing technologies are improving both the efficacy and superiority of these pellets, positioning them as a viable source of alternative energy. Additionally, the industry increasingly utilizes diverse feedstocks, such as agricultural residues and wood waste, to maximize resource efficiency.

North America dominated the pelletizing machine market with a share of approximately 30% in 2023 and is forecasted to grow at a CAGR of around 3.9% through 2032. The growth is driven by the growing necessity for biomass energy, an increase in animal feed production, developments in plastic recycling, and continual technological investments. Pelletizing machines find applications across various industries, including plastics, food, and pharmaceuticals, creating numerous growth opportunities. The focus on producing high-quality, consistent pellets indicates the market's commitment to product excellence.

Contents

Report Content

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market scope & definitions
- 1.2 Research design
 - 1.2.1 Research approach
 - 1.2.2 Data collection methods
- 1.3 Base estimates & calculations
 - 1.3.1 Base year calculation
 - 1.3.2 Key trends for market estimation
- 1.4 Forecast model.
- 1.5 Primary research and validation
 - 1.5.1 Primary sources
 - 1.5.2 Data mining sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry 360° synopsis

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
 - 3.1.1 Factor affecting the value chain.
 - 3.1.2 Profit margin analysis.
 - 3.1.3 Disruptions
 - 3.1.4 Future outlook
 - 3.1.5 Manufacturers
 - 3.1.6 Distributors
- 3.2 Industry impact forces
 - 3.2.1 Growth drivers
 - 3.2.1.1 Rising demand for biomass energy
 - 3.2.1.2 Growing plastic industry
 - 3.2.2 Industry pitfalls & challenges
 - 3.2.2.1 High initial investment
 - 3.2.2.2 Operational complexity
- 3.3 Growth potential analysis

- 3.4 Future trend analysis
- 3.5 Pricing analysis
- 3.6 Technological landscape
- 3.7 Regulatory framework
- 3.8 Porter's analysis
- 3.9 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2023

- 4.1 Company market share analysis
- 4.2 Competitive positioning matrix
- 4.3 Strategic outlook matrix

CHAPTER 5 MARKET ESTIMATES & FORECAST, BY TYPE (USD BILLION) (UNITS)

- 5.1 Key trends
- 5.2 Strand machine
- 5.3 Water ring machine
- 5.4 Underwater machine
- 5.5 Others (melt pelletizing etc.)

CHAPTER 6 MARKET ESTIMATES & FORECAST, BY AUTOMATION GRADE (USD BILLION) (UNITS)

- 6.1 Key trends
- 6.2 Manual
- 6.3 Semi-automatic
- 6.4 Automatic

CHAPTER 7 MARKET ESTIMATES & FORECAST, BY THROUGHPUT CAPACITY (USD BILLION) (UNITS)

- 7.1 Key trends
- 7.2 Below 1000 Kg/hr
- 7.3 1000 - 2000 Kg/hr
- 7.4 2000 - 5000 kg/hr
- 7.5 Above 5000 Kg/hr

CHAPTER 8 MARKET ESTIMATES & FORECAST, BY END USE INDUSTRY (USD BILLION) (UNITS)

- 8.1 Key trends
- 8.2 Agriculture
- 8.3 Pharmaceuticals
- 8.4 Chemicals
- 8.5 Plastics
- 8.6 Biomass energy
- 8.7 Others (metallurgy etc.)

CHAPTER 9 MARKET ESTIMATES & FORECAST, BY DISTRIBUTION CHANNEL (USD BILLION) (UNITS)

- 9.1 Key trends
- 9.2 Direct sales
- 9.3 Indirect sales

CHAPTER 10 MARKET ESTIMATES & FORECAST, BY REGION (USD BILLION) (UNITS)

- 10.1 Key trends, by region
- 10.2 North America
 - 10.2.1 U.S.
 - 10.2.2 Canada
- 10.3 Europe
 - 10.3.1 Germany
 - 10.3.2 UK
 - 10.3.3 France
 - 10.3.4 Italy
 - 10.3.5 Spain
- 10.4 Asia Pacific
 - 10.4.1 China
 - 10.4.2 India
 - 10.4.3 Japan
 - 10.4.4 Australia
 - 10.4.5 South Korea
- 10.5 Latin America
 - 10.5.1 Brazil

10.5.2 Mexico

10.6 MEA

10.6.1 Saudi Arabia

10.6.2 UAE

10.6.3 South Africa

CHAPTER 11 COMPANY PROFILES

11.1 Baracco

11.2 Coperion

11.3 Diamond America

11.4 Econ

11.5 Farrel Pomini

11.6 Fuji Industries

11.7 Japan Steel Works

11.8 Kerke Extrusion Equipment

11.9 KraussMaffei

11.10 Maag

11.11 Neoplast

11.12 Nordson

11.13 Retech Machine

11.14 Useon

11.15 Xinda

I would like to order

Product name: Pelletizing Machine Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 to 2032

Product link: <https://marketpublishers.com/r/P952C2B3DAC6EN.html>

Price: US\$ 4,850.00 (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/P952C2B3DAC6EN.html>