

# Biomass Gasification Technology Market - 2024-2032

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## Abstracts

The Biomass Gasification Technology Market was valued at US\$ 34.66 million in 2024 and is anticipated to reach US\$ 68.56 million by 2032, at a CAGR of 0.089 from 2026 to 2032.

The report delivers in-depth insights into key market dynamics, including regional growth trends, market segmentation, CAGR projections, and the revenue performance of leading industry players. It also highlights major growth drivers shaping the market landscape. Designed to provide a clear and comprehensive perspective, the report offers a detailed view of the current market size in terms of both value and volume, along with emerging opportunities and the overall development outlook of the Biomass Gasification Technology Market.

This report delivers a comprehensive overview of the Biomass Gasification Technology Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Biomass Gasification Technology Market. The Biomass Gasification Technology Market size, estimates, and forecasts are provided in terms of output/shipments (K MT) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2024–2032.

Biomass Gasification Technology Market Scope:

By Source

Agricultural Waste

Forest Waste

Animal Waste

Municipal Waste

## Others

### By Gasifier

Fixed Bed Gasifier

Fluidized Bed Gasifier

Entrained Flow Gasifier

Others

### By Application

Power Generation

Transportation fuels

Hydrogen Generation

Heat Generation

Chemicals and Fertilizer Production

Others

### By End-user

Industrial

Utilities

Residential and Commercial Buildings

Agriculture

Others

## Key Players

Thyssenkrupp AG

Air Liquide

Synthesis Energy Systems, Inc. (SES)

Valmet Corporation

Mitsubishi Heavy Industries, Ltd.

Ankur Scientific Energy Technologies Pvt. Ltd.

Eqtec PLC

SPG Dry Cooling

Nexterra Systems Corp.

Babcock & Wilcox Enterprises, Inc.

## Major Highlights

This report delivers a comprehensive overview of the Biomass Gasification Technology Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Biomass Gasification Technology Market. The Biomass Gasification Technology Market size, estimates, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2024–2032. This report will assist keyword manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

## Regional Analysis:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

South America (Colombia, Brazil, Argentina, Rest of South America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

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Manufacturers/ Buyers

Industry Investors/Investment Bankers

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Emerging Companies

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