

# Global Biomass Boiler Market: Size, Trend, Share, Opportunity Analysis, and Forecast, 2014-2025

<https://marketpublishers.com/r/G909D478E34EN.html>

Date: February 2017

Pages: 0

Price: US\$ 3,619.00 (Single User License)

ID: G909D478E34EN

## Abstracts

Biomass boilers are fired on wood fuels, such as wood chips and wood pellets for heating or power generation. Biomass fuels also include agricultural waste, animal waste, industrial wastes, and high energy crops, such as miscanthus, willow, and maize. Biomass boilers are normally bigger than conventional fossil fuel boilers, as they need large space to store the fuel. These boilers produce considerably lesser amount of carbon footprint and thus, do not have any adverse effect on the environment. The rise in the prices of crude oil and natural gas has led to the increased usage of biomass boilers in hotels, hospitals, colleges, farms, community centers, households, commercial buildings, and district heating. Government grants and incentive programs that provide investment subsidies and tax benefits to industries using renewables play a key role in driving the biomass boiler market. The global biomass boiler market is expected to grow at a CAGR of 20.3% from 2017 to 2025.

The global biomass boiler market is segmented into feedstock type, product type, end-use industry, and geography. On the basis of on the type of feedstock, the market is divided into woody biomass, agriculture & forest residues, biogas & energy crops, urban residues, and others. On the basis of product type, the market is categorized into stoker, bubbling fluidized bed (BFB) boilers, and circulating fluidized bed (CFB) boilers. On the basis of application, the market is bifurcated into heating and power generation. By end-use industry, it is classified into residential, commercial, and industrial markets. Geographic breakdown and deep analysis of each of the aforesaid segments have resulted in the following regions: North America, Europe, Asia-Pacific, and LAMEA.

## MARKET DYNAMICS:

Drivers:

Rise in prices of crude oil and natural gas

Increasing demand for clean and renewable energy sources

Government support and encouraging regulations

Restraints:

High cost of installation

### **MARKET PLAYERS:**

The top players in the global biomass boiler market include Advanced Recycling Equipment, Inc., Alstom SA, Baxi Group, Ecovision Systems Ltd., ETA Heiztechnik GmbH, Foster Wheeler AG, Garioni Naval SpA, Hurst Boiler & Welding Co., Inc., Kohlbach Group, and Thermax Ltd.

### **KEY TAKEAWAYS**

### **MARKET LANDSCAPE**

By Feedstock Type

Woody Biomass

Agriculture & Forest Residues

Biogas & Energy Crops

Urban Residues

Others

By Product Type

Stoker

Bubbling Fluidized Bed (BFB) Boilers

Circulating Fluidized Bed (CFB) Boilers

By Application

Heating

Power Generation

By End-use Industry

Residential

Commercial

Industrial

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

China

Japan

India

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

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