



Powering Industries with Reliable Steam  
Generation

# STEAM BOILER

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# INTRODUCTION

Future of Heating: PT Multi Makmur  
Teknikatama Steam Boiler-  
Multiheatech

Steam boilers are vital components in numerous industries, providing essential steam for heating, power generation, and processing applications. Their ability to efficiently convert water into steam makes them indispensable in sectors ranging from manufacturing to healthcare.



Steam boilers operate by heating water to its boiling point, creating steam that can be used for various purposes. Here's a look at the primary types of steam boilers and their key components:

## Types of Steam Boilers:

- **Fire Tube Boilers:** Feature hot gases passing through tubes surrounded by water.
- **Water Tube Boilers:** Have water flowing through tubes heated by external combustion gases.
- **Electric Boilers:** Use electricity to generate steam, offering a clean and quiet operation.

## ADVANTAGES

1. **High Efficiency:** Steam boilers maximize fuel-to-heat conversion with advanced technologies like economizers, achieving thermal efficiencies of up to 85%, which reduces fuel consumption and operational costs.
2. **Reliability and Durability:** Built with high-quality materials, steam boilers offer long operational life and robust performance, with features like automatic controls and real-time monitoring ensuring consistent reliability.
3. **Versatility and Scalability:** Adaptable to a wide range of applications and available in various sizes, steam boilers can be tailored to meet specific needs, making them suitable for both small-scale operations and large industrial facilities.
4. **Safety and Compliance:** Equipped with advanced safety features such as pressure relief valves, and automatic shut-off mechanisms, steam boilers ensure safe operation and help meet stringent industry regulations and standards.



# PRODUCT RANGE

Tailored Solutions for Every Need: Custom Steam Boiler with Versatile Design and Fuel Options

## Fire Tube Steam Boiler



## Water Tube Steam Boiler



## Solid Fueled Steam Boiler

Includes Palm Husk, Coal,  
Wood



## Oil/Gas Fueled Steam Boiler

Includes Light Fuel Oil,  
MFO, RCO, LPG, CNG



## Electric Steam Boiler

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# APPLICATIONS

Tailored steam boiler systems designed to meet the unique specifications and requirements of your industry or application, ensuring optimal performance and efficiency.

## Steam Boiler



Chili Sauce Industry



Laundry Industry



Soy Sauce Industry



Thread Coloring Industry



Wine Processing Industry



Blending Oil Processing Industry



Medical Industry

## Steam Generators



Curcuma Processing Industry



Chili Sauce Industry



Bakpau Processing Industry



Boiler for Tanker Ship

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# WHY US?

Experience the Difference: Choosing PT Multi Makmur Teknikatama for Your Steam Boiler Needs

## PT Multi Makmur Teknikatama: Your Trusted Partner for Steam Boilers

- 1. Expertise and Customization:** With years of experience, we offer customizable Steam Boiler
- 2. Quality and Reliability:** Our boilers are manufactured to the highest standards, ensuring reliability and consistent performance
- 3. Customer Support:** From consultation to installation and maintenance, we are dedicated to provide you support every step of the way
- 4. Proven Track Record:** Join countless satisfied customers who trust us for their heating needs and experience the difference with PT Multi Makmur Teknikatama

Contact us today to learn more about how we can elevate your heating solutions.



# CONTACT US

Elevate Your Heating Solutions Today: Contact Us to Explore Our Range of Steam Boilers

## Address

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