

# Watertube

## A-Type

### Watertube Boiler



The A-Type watertube design represents a symmetrical, well balanced boiler with a large furnace volume, designed with a centered steam drum and two lower mud drums. The A-Type configuration allows increased capacities (up to 250,000 PPH) and higher operating pressures (up to 1500 psig) than other watertube designs.

Simoneau's A-Type, given its large design capacities, is well suited for cogeneration and solid fuel firing (with an open bottom furnace). Typical industries include manufacturing & processing facilities, pulp & paper, chemical, and petrochemical.

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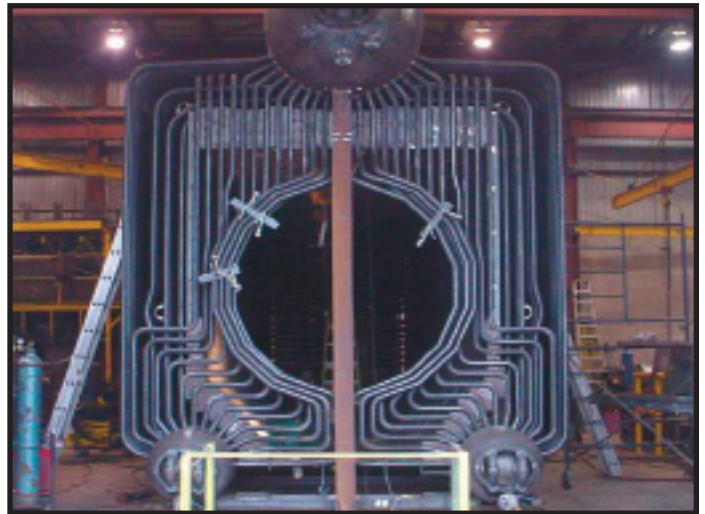
#### Simoneau's A-Type Design Features:

- Capacities: Up to 250,000 PPH.
- Design pressures: 250 psig to 1500 psig.
- Radiant and convective type superheaters with temperatures up to 1000 °F.
- Gas tight membrane waterwall design.
- Superior steam quality (1 ppm) using proprietary separation technology.
- Operates with natural gas, #2 thru #6 oil and alternative fuels.
- Available with open bottom furnace for solid fuel firing.
- Meets or exceeds NOx Emission Standards while providing high turndown ratio.
- Indoor or outdoor designs.
- Symmetrical design with natural circulation.

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### Benefits of Simoneau's A-Type Watertube Boiler Design:

- Reliable source of high quality, dry, saturated steam (up to 99.9%).
- Extensive capacity range and excellent long-term reliability to meet industrial and utility applications.
- Improved shipping capabilities by road or train with its symmetrical balanced weight distribution.
- Boiler system components (burner, controls, economizer, soot blower, emissions options) designed specifically to provide ease of operation.



### Why Simoneau:

As a Solution Builder in Energy Management, Simoneau utilizes its technical expertise (most qualified engineering team in the industry) and quality manufacturing to provide custom solutions for your specific boiler applications. Reliability, efficiency and the safety of its boiler systems are key results of the Simoneau designs. Our integration of technical expertise, quality manufacturing, on-time delivery and field support makes Simoneau your partner of choice.

To learn more about Simoneau and its products, please contact:



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