



ENGINEERED SOLUTIONS

GENERATING ENERGY FOR EVERY GENERATION





As a technology innovator, Babcock & Wilcox (B&W) provides a comprehensive portfolio of engineered solutions for a wide range of applications.

Established in 1867, B&W is a global leader in advanced energy and environmental technologies and services. We provide reliable power solutions, help extend the life of existing customer fleets, and deliver proven, scalable technologies to support their future needs.

Reliable and Efficient Steam Generation

Steam generation equipment, aftermarket parts, construction, maintenance and field services for plants in the power generation, oil and gas, and industrial sectors. Our extensive global base of installed equipment serves utilities and general industrial applications including AI data centers, refining, petrochemical, food processing, metals and other commercial installations.

Reducing the Impact of Greenhouse Gas Emissions

A full suite of best-in-class decarbonization, emissions control and environmental technology solutions for utility and industrial steam generation applications around the world. Our broad experience includes systems and services for hydrogen production and carbon capture, ash handling, particulate control, nitrogen oxides and sulfur oxides removal and mercury control.

Supporting a Circular Economy

Technologies and services for efficient and environmentally sustainable power and heat generation, including waste- and biomass-to-energy, energy storage and chemical recovery systems for the pulp and paper industry. Our leading technologies support a circular economy, diverting waste from landfills to use for power generation and replacing fossil fuels, while recovering metals and reducing emissions.

We serve a broad range of industries including:

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|----------------------------|------------------|------------------------------------|
| ■ Power Utilities | ■ Carbon Black | ■ Automotive |
| ■ Pulp & Paper | ■ Pharmaceutical | ■ Hospitals & Universities |
| ■ Refinery & Petrochemical | ■ Chemicals | ■ Hydrogen & Oil Sands |
| ■ Metals & Mining | ■ Cement | ■ Data Centers & AI Factories |
| ■ Biomass & Biofuels | ■ Iron & Steel | ■ General Industry & Manufacturing |



Proven Power Support for Data Center Demand, Development and Growth

AI factories and data centers require dependable power, delivered faster than traditional infrastructure and today's gas turbine supply chain can provide. Solutions from our FastPowerSM program combine proven natural gas-fired boilers with steam turbines for reliable, long-term, scalable power solutions that can be deployed in as little as 24 months*, and have flexibility for future growth. With lower maintenance and operating costs our customers can run more economically compared to traditional standalone gas turbine systems.

The modular solution enables the addition of more units for increased power output when needed, and the boiler can be designed with the flexibility to become a heat recovery steam generator for an added combustion turbine once that is available. This creates additional reliability as the system can operate using the boiler only, the combustion turbine only, or with both in a combined cycle.

Given the modular approach and potential integration of gas turbines to create an "enhanced combined cycle" system that increases redundancy and reliability versus traditional combined cycle systems, B&W FastPower solutions offer unparalleled flexibility. B&W is your end-to-end partner delivering rapid power today and setting you up with an optimized utility-grade fleet that's ready for tomorrow.

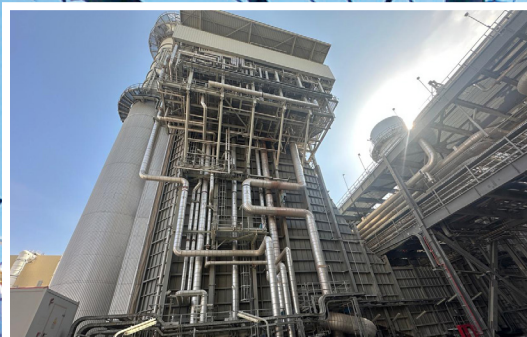
**Based on application and system specifications*

Steam for Power and Process

With more than 400 GW of generating capacity in approximately 40 countries and more than 5,000 industrial boilers for a wide range of process applications, B&W's heritage is built on steam generation.

From our initial patent for a safer, more efficient water-tube boiler to the world's first supercritical boiler to technologies using the latest advanced steam cycles, our robust designs deliver availability and long-term operation.

Our boilers serve the diverse needs of power utilities and industry and provide reliable steam generation from a variety of fuels, including coal, oil, natural gas, biomass, refuse and waste fuels.

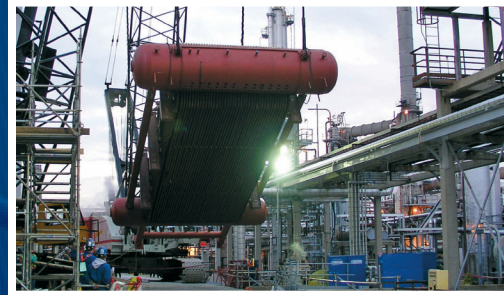


Services, Upgrades and Retrofits, Replacement Parts and Construction

Modifying, improving and maintaining existing equipment are vital considerations for the long-term viability and profitability of all operations. B&W provides a comprehensive mix of products, replacement parts and services to support optimized equipment and system operation and reliability, regardless of original manufacturer.

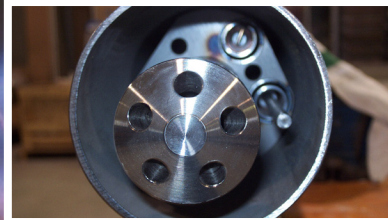
An extensive network of worldwide regional service centers, field service engineers and technical support personnel are available to provide the customized services and aftermarket solutions for our customers' needs.

Our capabilities also include expert equipment installation and engineered construction services.





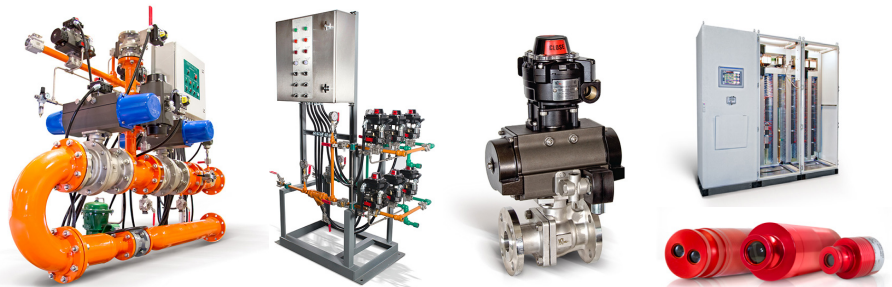
Ignitors, Flame Scanners and Controls



Our Fossil Power Systems (FPS) proven combustion equipment and safety systems for power generation, pulp & paper and petrochemical industries can be found in more than 70 countries.

This includes flame scanning, gas/oil ignition equipment and water level measurement equipment for new and retrofit applications.

FPS is one of the few companies in the world that can provide complete boiler gas conversions with optimal ignition and piping equipment, burner management and combustion control systems and project management.



Air Emissions Control

B&W is an innovator and industry leader in providing advanced air emissions control and energy recovery equipment and technologies for power plants and industrial processes. Our environmental solutions control a wide range of pollutants and emissions, including acid mists and gases such as hydrogen chloride (HCl) and sulfur oxides (SO_x), particulates, nitrogen oxides (NO_x), carbon monoxide (CO), mercury, and other hazardous air pollutants (HAPs).

Multi-pollutant control strategies are integrated to optimize overall plant emissions levels and help meet air emissions requirements.

Fuel-flexible, Future-proof Technologies

Global energy demand is soaring. With the widespread and accelerated use of digital devices and applications – and the data centers needed to power them – there is an urgency to deploy affordable, reliable energy technologies to meet the growing demand quickly, responsibly, and using readily available fuel for domestic energy security.

Our suite of ClimateBright™ technologies offers versatile emission control solutions that not only meet today's emissions goals, but also provide the scalability and flexibility to evolve with future needs across a range of fuels and applications.

BrightLoop™ chemical looping technology supports power generation and industrial processes – using fuels such as coal, natural gas, biomass and waste with the ability to capture and sequester carbon:

- **Steam** for power generation and industrial processes
- **Hydrogen** for power generation, ammonia, methanol or aviation fuel
- **Syngas** to support various industrial processes.

The ClimateBright suite also includes:

- **SolveBright™** post-combustion carbon capture
- **OxyBright™** oxygen combustion, and
- **BrightGen™** hydrogen combustion

The energy transition is dynamic; our technologies are designed to bridge the gap between need and availability to help our customers meet critical energy and environmental goals.





Energy Generation for Every Generation

B&W has a long history of demonstrated success with large and complex projects, a proven track record of innovation, and a strong commitment to safety and ethical business practices.

VISION

Advancing energy and environmental solutions
that bring power and progress to our world.

MISSION

B&W delivers environmentally conscious, technology-driven solutions
and services to energy and industrial customers worldwide
– safely, ethically and as promised.

COREVALUES

Safety • Integrity
Quality • Respect • Agility

Our comprehensive portfolio of energy and environmental products and services provides customer-focused engineered technology solutions for a wide range of industries and applications.

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LITERATURE

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Established in 1867, Babcock & Wilcox is a global leader supplying safe, reliable energy and environmental technologies and services for power and industrial applications.

For more information or to contact us, visit our website at www.babcock.com.