

Parts & Services for Refineries



Committed to the safe and efficient delivery of high-quality products and services to add value to your refinery operations



RENEWABLE | ENVIRONMENTAL | THERMAL



B&W ADVANTAGES for REFINERIES

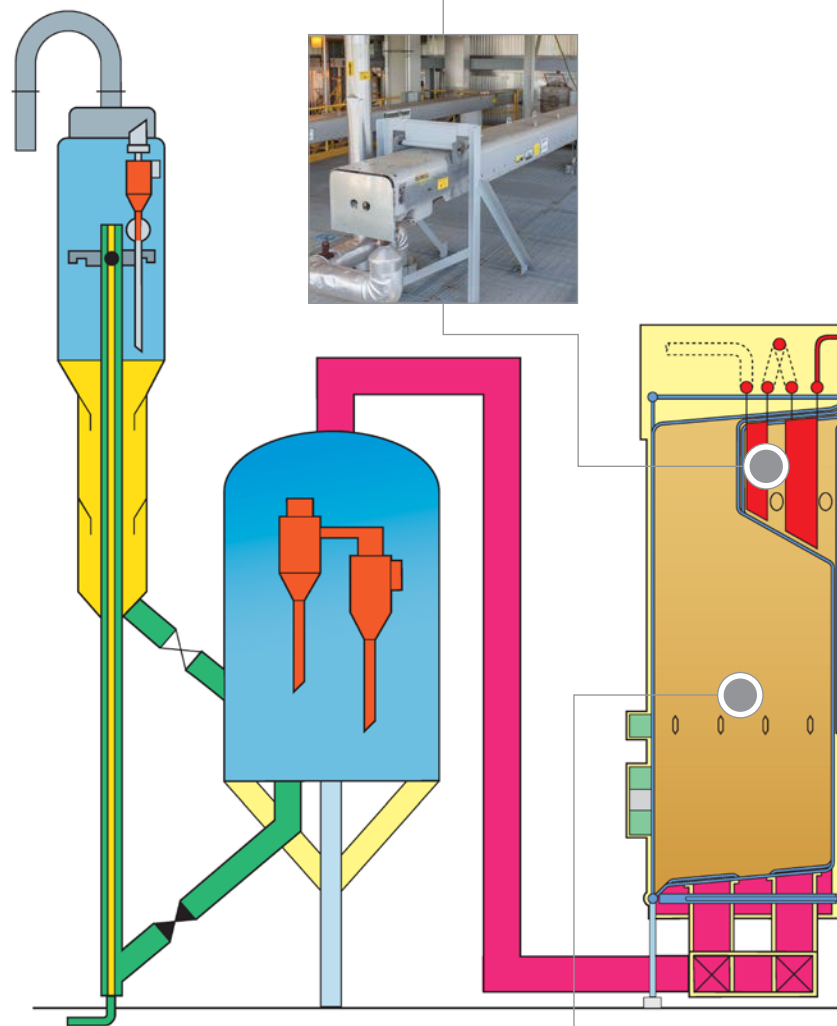
- More than 150 years of boiler experience
- Custom engineered solutions and products for any boiler, regardless of OEM
- Turnaround (TAR) work-scope development, estimating, planning and scheduling
- Technical advisor (TA) field support services
- In-house construction capabilities to optimize field constructability and TAR execution schedule

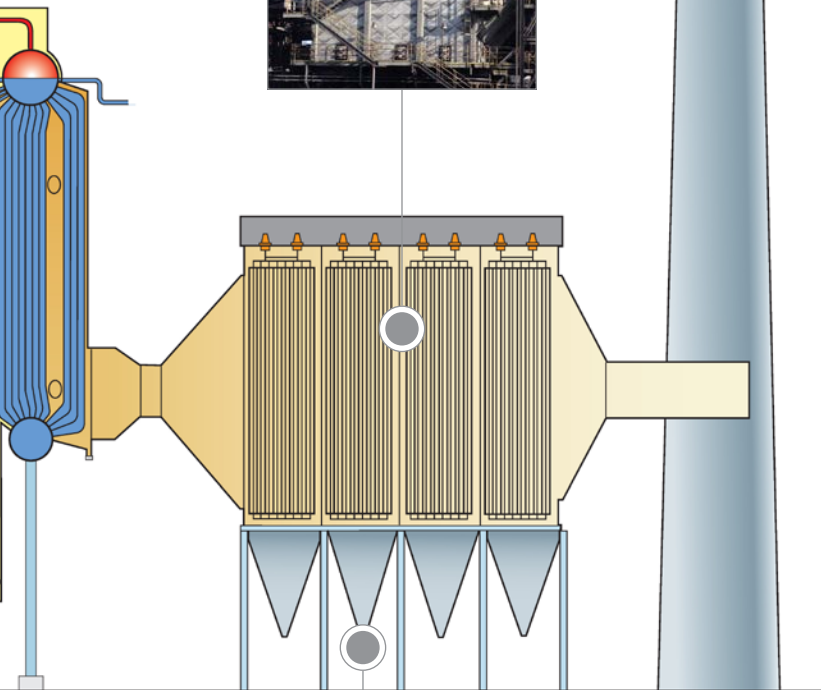
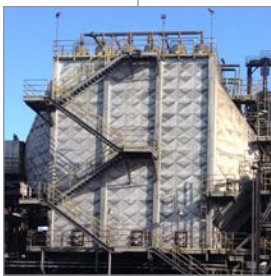
BOILER CLEANING & MONITORING SYSTEMS

- Diamond Power® sootblowers
- Intelligent sootblowing and control systems
- High-resolution furnace camera systems
- Drum gauges and level indicators

STEAM GENERATION

- CO boilers, waste heat (WH) boilers, auxiliary boilers
- Boiler pressure parts
 - Tubes, headers, steam drums, generating banks
- Combustion components
 - Burners, ignitors
- Casing, ducts, piping, and hardware
- Large inventory of replacement tubing in stock
- Tube bending capabilities to meet quick turnaround requirements





ELECTROSTATIC PRECIPITATORS (ESP)

- Engineered upgrades and rebuilds
- Mechanical replacement components
- Electrical replacement components
- State-of-the art controls and software
- In-stock replacement parts

CATALYST DUST & PET COKE HANDLING

- Large inventory of parts
- Catalyst dust transport and storage systems
- Coke crushing and deheading cars
- Hydrobin® dewatering bin





SERVICE SOLUTIONS

Technical field support and engineering

B&W's highly skilled field engineers and specialists can assist with a wide range of on-site services, including:

- TAR scope development
- Startup and commissioning
- Troubleshooting and inspections
- Boiler performance and efficiency reviews
- Environmental services
- TAR support
- Technical training

Construction technology and site services

Safety focused, our experienced construction team is prepared to respond to refinery projects.

- Target Zero safety culture
- Boiler specialty contractor services
- Boiler retrofits – B&W and other OEMs
- Extensive union boilermaker labor relationships
- TAR planning, estimating, scheduling and execution
- Engineered heavy-lift and rigging experience
- Modular constructability experience
- Temporary structural reinforcements to handle load changes during construction
- Construction engineering utilizing the latest design and modeling software for:
 - Specialized rigging
 - Structural supports for construction systems
 - Interference analyses
 - Determination of loads and forces



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Established in 1867, Babcock & Wilcox is a global leader in renewable, environmental and thermal technologies and services for power and industrial applications.

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