



Horizontal Firetube Boilers

Fulton FBS Steam or Hot Water Boilers
Sizes from 60 to 800 BHP



THE FULTON FBS HORIZONTAL FIRETUBE BOILER

FEATURES

- High Efficiencies
- High Mass Pressure Vessel and High Water Content
- Corrugated Furnace
- Wetback Design and Low Skin Losses
- Large Steam Disengagement Area
- Seamless Heavy Walled Tubing
- All Hand Welded Assembly
- Three Year PV Warranty
- Low Emissions Available <9 ppm

DURABLE AND RELIABLE CONSTRUCTION

The Fulton FBS boiler product line includes an extensive offering of models ranging in size from 60 - 800 BHP. The FBS is a traditional 3-pass, wetback, horizontal firetube boiler. As with all Fulton products, it is built at or above ASME code. The supplied gas train is CSD-1 or NFPA-85 compliant and comes complete with a UL listed power burner package that will fit best with your unique operating conditions. Options for the open protocol burner include firing on Gas, #2 Oil, or a combination of both in a dual fuel style burner. The operating efficiency of the FBS is up to 84%.

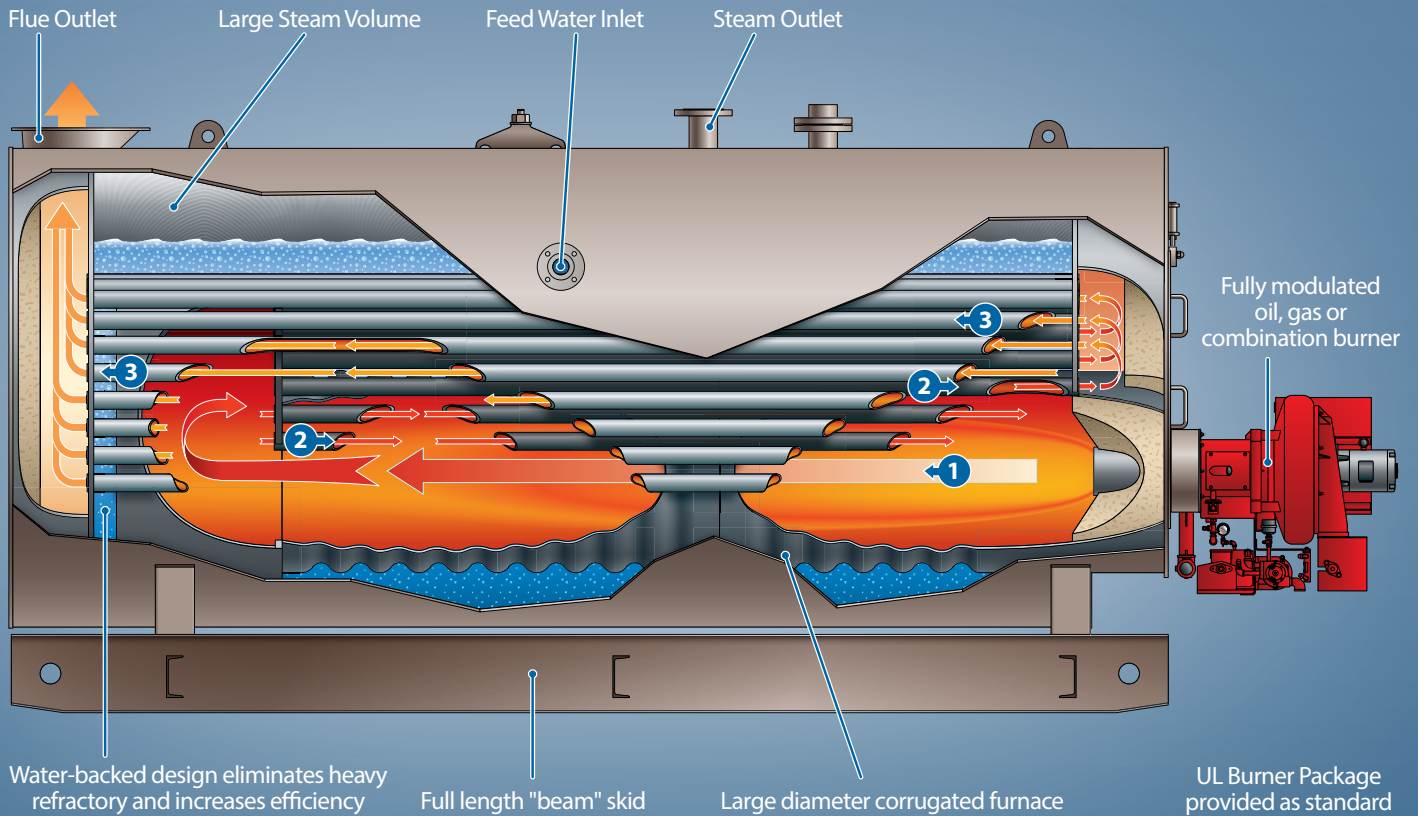
Shown here is a 250 horsepower steam boiler model FBS-250. The boiler included a high turndown burner with flue gas recirculation for low emissions, modulating feedwater control, and conductivity surface blowdown. This boiler was part of a complete skid package that was designed to specifically meet the customer's requirements.



Models	FBS	60	100	125	150	200	250	300	400	500	650	800
	BHP	60	100	125	150	200	250	300	400	500	650	800
Max Design Pressure*	PSI	150	150	150	150	150	150	150	150	150	150	150
	BAR	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
Steam Output	LBS/HR	2,070	3,450	4,313	5,175	6,900	8,625	10,350	13,800	17,250	22,425	27,600
	KG/HR	938	1,564	1,956	2,347	3,129	3,912	4,694	6,259	7,824	10,171	12,519
Shipping Weight	LB	9,500	11,400	14,300	14,500	20,300	25,600	28,800	37,100	50,705	55,116	66,140
	KG	4,310	5,171	6,486	6,578	9,208	11,612	13,064	16,829	22,999	25,000	30,001
Water Content	GAL	864	999	1,114	1,084	1,169	1,408	1,805	2,163	4,650	4,677	5,285
	LITERS	3,271	3,782	4,217	4,104	4,426	5,330	6,833	8,188	17,602	17,704	20,006

*Up to 300psig on request

A LOOK INSIDE



APPLICATIONS

Fulton horizontal firetube boilers are used in a variety of applications throughout many industries. Large scale laundry applications rely on Fulton horizontal boilers every day to provide a steady supply of steam for ironers, presses and steam injection for washers and tunnels. Large building heating, food processing, plastic processing and chemical processing as well as pharmaceutical and bio-fuel production are only a few of the many existing applications using Fulton horizontal firetube boilers.



ANCILLARY EQUIPMENT

A steam boiler is just one part of a well-designed steam system. Proper delivery of feedwater and collection of condensate are essential to the operation of a steam system. Fulton is able to manufacture standard or custom vessels to perform these tasks to ASME code or non-code, depending on the requirements in your area or system. Our auxiliary equipment is used to control the quality, pressure, storage capacity and enthalpy (heat content or temperature) of steam. The quality of the water used in a steam boiler will affect its life. Water treatment equipment will help provide quality feedwater so that corrosion and deposition in the boiler will be minimized. Fulton engineers can match equipment to just about any application you may encounter today.

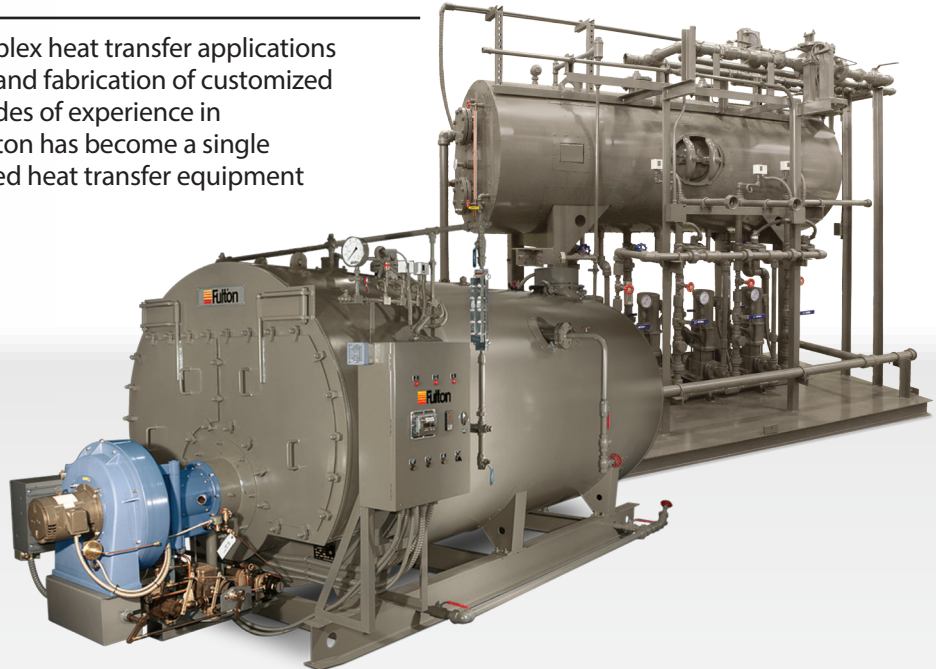


Shown is a small selection of the many accessories that Fulton has to offer.

ENGINEERED SYSTEMS

As demand for creative solutions to complex heat transfer applications grows, Fulton has excelled in the design and fabrication of customized skid systems. With more than three decades of experience in designing and building skid systems, Fulton has become a single source manufacturer for custom pre-piped heat transfer equipment and accessories.

- Flexible designs - 1.2 HP to 800 BHP +
- Over 2,000 skids installed worldwide
- Single point manufacturing
- Turnkey Systems
- Plug and Play



 **Fulton**[®] The heat transfer innovators.

The Fulton Companies

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