

MIURA

success stories

MARKET:

Craft Breweries

USAGE:

Process Steam

CUSTOMER:

The Gambrinus
Company Breweries

Brewed On-Demand by Miura Steam

Craft Breweries Choose Miura Boilers for Space-Saving, Eco-Friendly, On-Demand Steam Generation

The Gambrinus Company brews with Miura Steam to create a range of popular craft beer brands. Craft brewers, the fastest-growing segment of the U.S. beer-making industry, are generally defined as smaller brewers using an innovative mix of traditional and new ingredients and techniques to produce no more than

“A lot of today’s most prestigious craft brewers are choosing Miura boilers.”

Jaime Jurado, Director of Brewing Operations,
Gambrinus Company Breweries

6 million barrels annually. Spoetzl Brewery is the nation’s fourth largest craft brewer, and although founded 102 years ago, the Shiner TX-based company uses the latest, most efficient technologies – along with its traditional, time-tested beer-production protocols –

to make its range of popular Shiner beer brands. Among the advanced brewing technologies Spoetzl uses are two Miura ultra-low NOx modular on-demand steam boilers, which provide multiple advantages for the unique needs of the craft-brewing industry.



“Craft brewers are getting much more savvy about boilers,” notes Jaime Jurado, Director of Brewing Operations for The Gambrinus Company Breweries, owner of Spoetzl and its sister companies BridgePort Brewery, in Portland OR, and Trumer Brauerei, in Berkeley CA. “A lot of today’s most prestigious craft brewers are choosing Miura boilers.”

Jurado explains that he and his team first became acquainted with

Miura seven years ago when The Gambrinus Company Breweries needed to replace an aging fire-tube boiler at the BridgePort Brewery. “Ours is a family-owned brewing company, and the owner Carlos Alvarez is a capable engineer in his own right who always has us focused on performance and efficiency, along with concern for the environment,” Jurado explains. “We took several competitive bids and discovered we preferred the features and compact size of the Miura LX-200. It was perfect for our needs. Miura also impressed us with their knowledge, and when it came time to replace the boilers at the Spoetzl Brewery we looked at Miura again along with the energy-conservation engineering professionals at EPS Corporation (Project Manager Steven James, P.E.)”

Jurado and Spoetzl Brewery Master Brewer Jimmy Mauric chose a gas-fired LX-200 and a dual-fuel EX-200 to leverage the advantages in having both types of Miura boilers for Spoetzl’s unique craft-brewing needs. Meanwhile at Gambrinus’ Trumer Brauerei, Master Brewer Lars Larson (Jurado’s colleague), also chose a Miura LX-200 boiler after evaluating competitive bids. “Miura works seamlessly with regional dealers who are specialists in installing boilers,” Jurado explains. “Installing a Miura LX Series boiler at our Berkeley brewery enables us to expand while also ensuring full compliance now and in the future with California’s stringent air-quality regulations and low-NOx emissions rules.” ●



LX 200 Model

MARKET:

Craft Breweries

USAGE:

Process Steam

CUSTOMER:

Highland Brewing
Company

Highland Brewing Company Chooses Miura

Growing Craft Brewer Achieves Multiple Advantages From Choosing the LX-100 Modular, On-Demand Steam Boiler



The largest craft brewer in North Carolina, Asheville's Highland Brewing Company has seen steady growth since 1994, when it was founded in a downtown basement equipped with retro-fitted dairy equipment. Today, Highland has grown into the producer of an array of popular ales and an anticipated output of 25,000 barrels this year. Now occupying a larger, more efficient brewery, Highland recently installed a gas-fired LX-100 boiler from Miura. As Director of Operations Kevin Wheeler explains, there are multiple reasons why the LX-100 has proven to be an excellent ingredient in Highland's achievement of improved operational efficiencies, economy, and social responsibility:

"When we decided to increase our capacity we spoke to other craft breweries and learned of Miura's reputation," Wheeler recalls. "Miura met our needs in terms of its high efficiencies, energy savings, low emissions, on-demand steam, and small footprint. Even though our boiler room is small, we could put two Miura LX-100s in the

same footprint as one conventional 70HP boiler. Other selling points include the ability to link two LX-100's together and Miura's computerization and monitoring capabilities."

As Wheeler noted, the Miura LX-100's on-demand ability to generate full steam from a cold start in five minutes or less is important to Highland's brewing operations. "The LX-100 heats our brewing water (known as 'hot liquor'), we use it on our keg line for heat/steam/sanitation, and we use it for our boil and our mash in the brewing process," he says. "Sometimes we need lots of steam; other times we don't. A conventional-style boiler would need to run constantly to maintain its peak output level. With the Miura LX-100, however, we can shut it off all weekend, blow it down, drain it out, and save gas. On Sunday morning we turn it on and have full steam by the time we walk over to the brew house."

"The Miura LX-100 has been a great asset for us and I would recommend it to anyone."

Kevin Wheeler, Director of Operations,
Highland Brewing Company

Situated in the beautiful Blue Ridge Mountains, the Highland Brewing Company maintains a strong environmental commitment, which the Miura LX-100's low NO_x and low CO₂ output helps maintain. "A serious environmental commitment makes good economic sense," Wheeler notes. "Our Miura LX-100 has probably already paid for itself in energy savings. We've been able to increase production by a third while reducing our energy costs to less than what they were prior to using this boiler. The Miura LX-100 has been a great asset for us and I would recommend it to anyone." ●



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Miura

Miura Steam is Engineered for Greater Efficiency,
Lower Costs, and Reduced Environmental Impact.