

First CO₂mpactBrew sold to innovative Maui Brewing Company

April 2017



During the Brau Beviiale exhibition back in November 2016, Pentair Union Engineering introduced a plug-and-play containerized CO₂ plant, designed for craft and mid-size brewers. Maui Brewing Co. are the first movers in having one of the CO₂mpactBrew plants installed – allowing them to reuse their own CO₂ from their fermentation process and to be self-sufficient and sustainable with CO₂ for their beer.

The new CO₂ plant did gather a lot of interest during the Nuremberg exhibition, especially among the rising number of craft brewers.

Reducing footprint

Maui Brewing Company was founded in 2005. The craft brewery is more than just a brewery; they have state-of-the-art production facilities, their own brewpubs (with restaurants) and arrange several events all year long.

Garrett W. Marrero, founder of Maui Brewing Company, elaborates, "We're excited to announce this partnership with Union Engineering to install a state-of-the-art CO₂ recovery system to capture and use on-site in brewing operations. This is a major leap forward in our pursuit of sustainability, bringing us closer to our goal of reducing the footprint of our locally produced craft beer. This project will reduce our CO₂ emissions by over 600,000 lbs in the first year alone"

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Garrett W. Marrero in the middle

Small-scale CO₂ plant

Lars Klitgaard Pedersen, General Sales Manager of Union Engineering is happy about the fact that one of the CO₂mpactBrew plants will soon be in production, stating, "It is our strategy to develop our technologies to the market trends. The number of craft

brewers are increasing and they sizes of each brewery is also changing towards larger brewery capacity. Based on that we realized the need for a small-scale CO₂ plant that was not only easy to install, but also could be stood outdoors, as space can be limited. This is the reason for our invention of the CO₂mpactBrew."

CO₂mpactBrew has a recovery capacity of 25-160 kg/h (50-350 lb/hr) and fits into a 40' high cube container.

The technology is simple and thereby easy to operate and with limited maintenance. The CO₂ produced meet the highest requirements for CO₂ used within the industry with a O₂ content in the final product <5 ppm.

Learn more

For further information please visit:
www.union.dk and
www.mauibrewingco.com.

