

# MAUI BREWING COMPANY

## CO<sub>2</sub>MPACTBREW

### FIRST CO<sub>2</sub>MPACTBREW SOLD TO INNOVATIVE MAUI BREWING COMPANY

During the Brau Beviiale exhibition back in November 2016, Pentair Union Engineering introduced a plug-and-play containerized CO<sub>2</sub> plant, designed for craft and mid-size brewers. Maui Brewing Co. are the first movers in having one of the CO<sub>2</sub>mpactBrew plants installed - allowing them to reuse their own CO<sub>2</sub> from their fermentation process and to be self-sufficient and sustainable with CO<sub>2</sub> for their beer.

The new CO<sub>2</sub> plant did gather a lot of interest during the Nuremberg exhibition, especially among the rising number of craft brewers.

**“This project will reduce our CO<sub>2</sub> emissions by over 600,000 lbs in the first year alone.”**  
*Garret W. Marrero*

#### 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 CO<sub>2</sub> 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 CO<sub>2</sub> emissions by over 600,000 lbs in the first year alone”.

#### Small-scale CO<sub>2</sub> plant

Lars Klitgaard Pedersen, General Sales Manager of Union Engineering is happy about the fact that one of the CO<sub>2</sub>mpactBrew plants will soon be in production, stating, “It is our strategy to develop our technologies to the market trends. The number of craft brewers is increasing and the size of each brewery is also changing towards larger brewery capacity. Based on that we realized the



Garrett W. Marrero in the middle

### KEY FACTS

**Location**  
Maui

**Application**  
Brewery

**Type of Brewery**  
Craft

**Start-Up**  
2018



**MAUI BREWING CO**

need for a small-scale CO<sub>2</sub> plant that was not only easy to install, but also could be placed outdoors, as space can be limited. This is the reason for our invention of the CO<sub>2</sub>mpactBrew.”

CO<sub>2</sub>mpactBrew has a recovery capacity of 25-160 kg/h (50-350 lb/h) and fits into a 40’ high cube container. The technology is simple and thereby easy to operate and with limited maintenance. The CO<sub>2</sub> produced meet the highest requirements for CO<sub>2</sub> used within the industry with a O<sub>2</sub> content in the final product < 5 ppm.

### LEARN MORE

Interested in an inquiry or more information: **Click** or **scan** our QR code to contact us or **visit** us at [FOODANDBEVERAGE.PENTAIR.COM](http://FOODANDBEVERAGE.PENTAIR.COM)



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