

Case Study

KAIJU! Beer - Craft Brewery



“You would be hard pressed to find the same experience that Deacam have in the craft brewing industry. They have completed an exceptional job here, and I would definitely recommend them to others.”

Callum Reeves, Owner KAIJU! Beer





Summary

Customer

KAIJU! Beer

Location

Dandenong South, VIC

Industry

Craft Brewing

Description of Works

Facilitation of installation and commissioning of brewery equipment and Fermecraft system

The Customer

KAIJU! Beer is the creation of brothers Callum and Nat Reeves, who are self-proclaimed nerdy scientists when it comes to beer. With Nat coming from a scientific background, and Callum from marketing in the wine industry, the brothers have managed to combine their strengths and produce KAIJU!, which translates from Japanese to Strange Creature.

The start of their brewing careers actually began with making cider. Originally created for friends, and after being told how brilliant they were, Callum and Nat started producing enough to sell. Only 12 months after Golden Axe Cider began, Monster Mash was born. After a discrepancy over naming rights with a certain energy drink, the name was changed to KAIJU! which seems quite apt once you become familiar with the beer.

Though KAIJU! is a relatively new player in the craft beer world, they have already won numerous awards for their distinctive beers. This in part led to the decision to take the leap and build their own brewery.

The Job

Having outgrown their capacity at Cavalier brewery as gypsy brewers, KAIJU! began looking for warehouse space in surrounding Melbourne suburbs. The Dandenong South facility met their criteria, being in a familiar area for the locals and particularly having access to suitable power supply. From the very beginning they were mindful that in order to run the equipment they intended on installing without interruption and impeding electrical issues, correct power supply was a necessity.

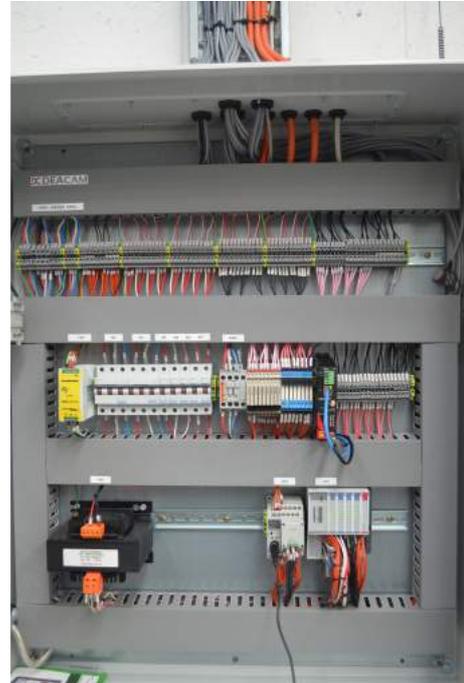


Being familiar with Deacam's installed systems at Cavalier, KAIJU! was aware of Deacam's experience and expertise in craft brewery facilitation. Deacam's presentation at the Craft Brewers Conference instilled in the KAIJU! team that they were the right electrical contractors for the job after demonstrating their adaptability and innovativeness. They also recognised that the Fermecraft system was a stand-out piece of equipment that would help take their brewery practices to a new level. The facilitation of the installation and commissioning of the brewery equipment was of paramount importance and the reliability and trustworthiness that Deacam provided was of clear prominence to KAIJU!.



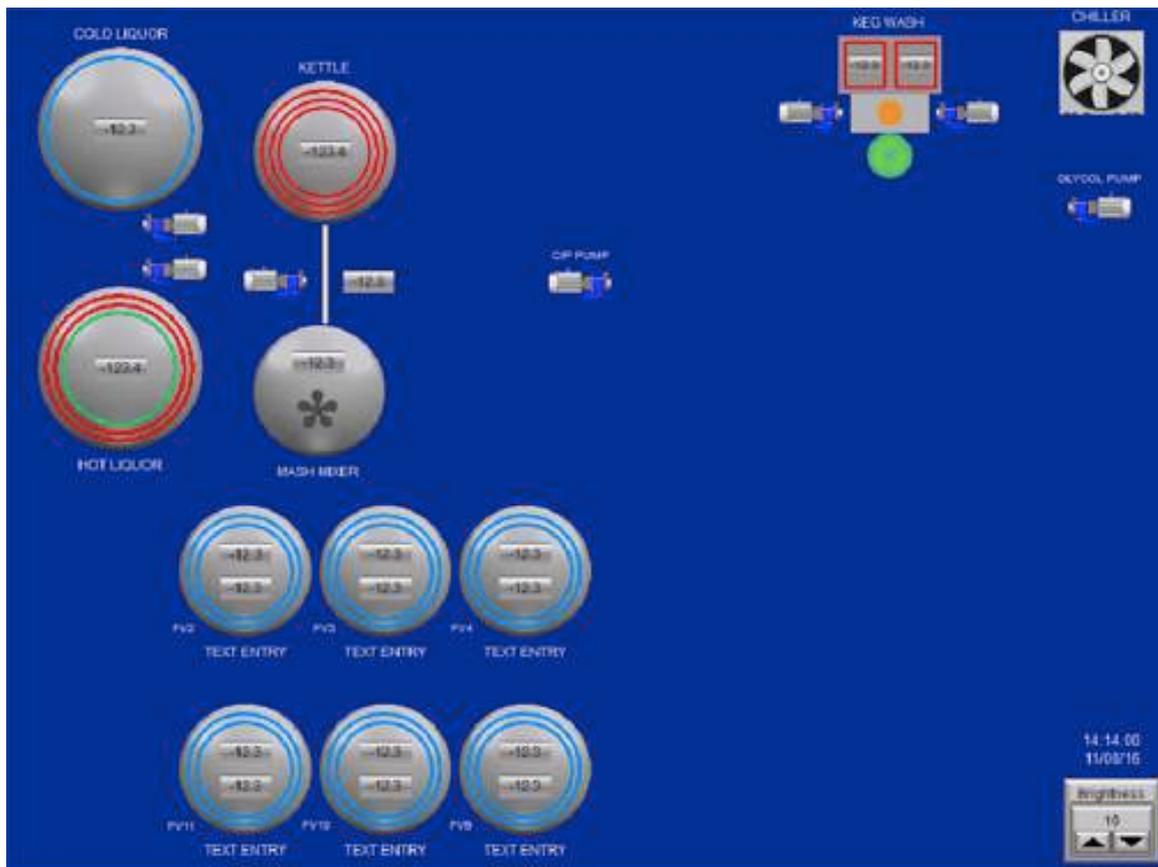
As part of facilitating the installation and commissioning work on the Dandenong South facility, Deacam was responsible for:

- Replacing the existing sub-board with a new sub-board
- Relocating mains cable
- Wiring conveyor motors
- Installing:
 - Cables for fermentation tanks
 - Cables for 3 phase outlets
 - 2x 20 amp circuits
 - Chiller board
- Connecting:
 - Label machine
 - Compressor
 - isolator
- Running new circuits to:
 - the brew platform control
 - to the Glycol Chiller
 - to the packaging line, which were aerial suspended
 - the air compressor



The installation of the Fermecraft system was a huge point of difference for the KAIJU! team in terms of operations, providing incomparable assistance within the running of the brewery, both now and in the future.

The Fermecraft system consists of a control panel in which the brewery set up is uploaded, allowing a visual representation of the brewery, including the brew house and all fermentation tanks. Each tank is monitored for various factors such as temperature control and variables, allowing complete control and continuity throughout the brewery. If the sensors detect an issue within the process of the brew in direct comparison to the input data, an alarm is raised on the control panel. This allows the brewer to acknowledge the alarm, observe the problem and rectify accordingly without lengthy diagnostics.



For KAIJU! the biggest benefits of having the Fermecraft system is the ability to monitor the brewery while they are off-site via the app on their smart devices, control fermenters, agitators as well as cooling and heating elements. KAIJU! has found it to be an easy system to use and finds the visual nature of the control panel and app to be an amazing feature which again provides uncomplicated sophistication in terms of use.

Having the ability to later upgrade and add to the Fermecraft system is also of benefit to KAIJU! who, starting out as a small business, is steadily growing their production, and the systems required to maintain a seamless working brewery are of utmost importance.



“The best thing about Fermecraft is the robustness of the system and quality of the components.”

Callum Reeves, Owner KAIJU! Beer

After not even a year brewing out of their new facility KAIJU! has added four extra 7500L beer fermentation tanks in order to increase their tank capacity and future production. With this addition to the brewery, the operating systems needed to be updated to allow for incorporation of new equipment into the running of the brewery to allow for consistency and seamless assimilation with existing operations. The integration of these new tanks was also facilitated by Deacam.



The Outcome

Working in collaboration with Deacam has allowed KAIJU! to build a brewery tailored to their specific needs in terms of operating systems and electrical functionality. KAIJU! are bolstered by the support they, initially and on an ongoing basis, receive from Deacam, pleased by the fact that Deacam is quick to respond to any concerns or questions that are raised. Working with a new system such as Fermeecraft always elicits many questions and Deacam is always receptive to continually working together to enable practical working solutions.

Modern electrical contracting by Deacam and its tested systems allow for full functionality of the brewery in an efficient and innovative way. Deacam enjoyed working with the KAIJU! team and look forward to assisting them with their future endeavours.

