



Application Report Customer Profile



KEIGHLEY LABORATORIES

Customer: Keighley Laboratories
Product: Aquaforce Machine and Sobo LF
Sector: Industrial
Contact: Allan Carter
Replaced: Trichloroethylene Vapour Solvent

Spiralling costs of the existing Trichloroethylene Vapour Solvent Washer drove Keighley Laboratories to look around the market place for an alternative solution to meet their increasing cleaning needs. Following extensive discussions with Rozone a full specification was provided that would meet the ever increasing requirements set by legislation.

The Aquaforce machine – AF1100, a front loading hot spray washer was designed with easy loading in mind - a floor level platform for easy access through manual opening front doors and vertical pneumatic opening top doors allowing for crane elevation. The large capacity spray pump has a flow rate of 750 litres per minute. The AF1100 is capable of holding jugged components up to 1100mm diameter and 1900mm height.

After commissioning the Aquaforce unit, which uses Sobo LF fluid, a biodegradable and pH neutral degreasing solution, it was found that using Sobo at the recommended dilution they would only use 75 litres per month – this gave Keighley Laboratories an 80% cost saving, not only on the previous level of solvent used but also on waste disposal costs.

Keighley Laboratories were delighted with the outcome. Financial savings were immediately transparent but more importantly the growing concerns within the business with regard to legislations on solvent emissions were also instantly achieved whilst creating a friendlier working environment for operators within the workplace.

Keighley Laboratories was established in 1920, and has been involved in, and associated with, engineering since its inception. When it was established its aim was to provide a testing laboratory facility to local engineering firms and foundries which could be as efficient as the in-house facilities of larger companies offering a competitive rate to that of other sub contractors.

Cleaning Machine Technology Overview

Rozone's range of Stainless Steel Cleaning Machines has been carefully designed by a team of people with decades of experience in the cleaning industry. They have a range of features that can assist compliance with current and upcoming legislation whilst at the same time offering exceptional levels of performance with regard of cleaning. From standard Hotwash products, through a wide range of ultrasonic cleaners, to bespoke systems that wash rinse and dry in any application, we are confident that we can assist in providing a "Sustainable Solution" for most cleaning requirements.

For more information or to arrange a demonstration contact

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