



Nelsons Spatone

Existing Adelphi Coldstream customer Nelsons Spatone have recently taken delivery of a new 2,500L stainless steel mixing vessel.

Nelsons are one of the largest UK manufacturers of natural health products. With a production facility situated in the heart of the Snowdonia mountains in North Wales, Nelsons use the iron rich natural waters from Trefriw Wells Spa to create a range of natural health supplements which are sold both in the UK and internationally.

Nelsons relationship with Adelphi began several years ago through their purchase of smaller, standard process and mixing vessels, along with their requirement and purchase of TGM tube filling machinery, for which Adelphi are sole UK agents for.

Back in 2010 they contacted Adelphi for assistance with acquiring a mixing & storage tank for the manufacturing process of their range of iron rich liquid food supplement sachets, Spatone. With Adelphi's wealth of experience in custom made vessels, they were able to work with Nelsons to design a suitable mixing vessel for their rather unique requirement, which has been operating successfully for the last 7 years.



Seven years later, Nelsons approached Adelphi again for the supply of a second tank, which was now required due to their increase in production. This was successfully installed in North Wales in early September, and is now up and running in the factory.

The cold, iron rich waters from Trefriw Wells Spa are collected at a slow rate overnight into these vessels, and once just over 2,000L is reached, the vessel has a method of shut off once full. As the water is collected, it is warmed by a heated jacket around the vessel, along with a stirrer which keeps the water moving to control the temperature of the liquid. Once the water reaches a warm temperature, it can be mixed with an apple fruit flavouring to a batch size of 2,500L. The finished product is then drained from the vessel outlet directly to a sachet filler, ready to be filled and packed for sale.

With this second vessel purchase, it has alleviated the need to transfer the water to holding tanks before being packed on the sachet filler, meaning the collection of water can be moved to the second vessel if required. This has become crucial to ensure Nelsons can keep up with their increased production demand for Spatone products.



Adelphi have many years of experience designing and building custom built vessels and tanks for pharmaceutical & healthcare customers. Each customer requirement is individual, and Adelphi's technical team of engineers ensure that they gauge from the customer pre purchase exactly what their requirements are to ensure the best solution is offered, maintaining what is important in the processing methods for that particular industry.

Do you have a similar requirement, or are you looking for a custom built vessel in your factory? If so visit our website www.adelphi-pe.com or get in contact with us on +44 (0)1444 472300 or at sales@adelphi.uk.com

