delivery system

Anolytech unit and Richard Ljung with the Olle continued enthusiastically, “We were convinced that the excellent results we saw from a nearby growing farm.” Initially it was the Anolyt that excited us because of the (acidic) and a Catholyt (alkaline) solution. The Catholyt works, “We simply put water and regular vacuum packed salt into the tanks, the resultant brine is then passed through a reactor that splits the solution into an Anolyt salt into the tanks, the resultant brine is then passed through a reactor that splits the solution into an Anolyt...”

Blenta use a 1.5% Anolyt solution, 24 hours a day, including every individual humidity delivery point in their egg storage room and incubation rooms, supplying the egg storage room and incubation rooms, including every individual humidity delivery point in each of their setters and hatchers. “We also introduce a 1% solution of the alkaline Catholyt solution into our cleaning water at the metering point so that whenever we need to wash anything it is always there ready to use by either high pressure hose or our internal medium pressure system.” Olle also added that they no longer use formaldehyde in their fumigation process, just a concentrated Anolyt solution. He was pleased to reveal exactly how much of an investment was required to get this system up and running. “Around €50,000 (euros) if you include the Anolytech unit and the humidification delivery system. This system represents a significant saving especially when you consider that we used to spend almost €50,000 alone just on disinfectant and detergent products every year.” It is easy to see why Blenta now has three Anolytech units in order to make similar savings in their production houses.

Blenta are rightly proud to be the first hatchery to embrace this exciting product. Chick Master also was so impressed with the product and the process that they have recently been awarded exclusive rights by Anolytech to introduce this exciting patented product to hatcheries in the USA and much of the rest of the world. Before I left Richard and Olle were both keen to endorse the experience of working with Chick Master. “It was a good relationship, we worked very well together,” said Richard. “The Chick Master staff were helpful and very friendly and specialized in what they do - very service minded.” Their sentiments were reciprocated, Blenta were perfect hosts and an inspiring and innovative company to work with.

With that I set off through the beautiful woodland setting and then westwards towards Malmes and that wonderful bridge full in the knowledge that it was now Friday, the day some say was named after the Scandinavian goddess of love, Freyja. It had been a great day, but perhaps it was going to get even better…
It was just coincidence that I happened to be visiting Sweden, for the very first time, on a Thursday. As a child I loved tales of the Norse Gods and especially Thor - the God of Thunder, and whose name, of course, was the origin of this very (Thor’s) day.

As I drove across the magnificent 5 mile long Oresund Bridge that connects Denmark and Sweden, storm clouds were gathering and I was imagining how, 1,000 years ago, the Vikings (unsurpassed no doubt by the heroic tales of the hammer-wielding rulers of the skies, storms and thunder) ravaged settlements from Russia to Ireland in search of new land to farm and goods to trade.

Nowadays Sweden is a peaceful, vibrant and modern industrial society with an efficient, private farm-based, agricultural system. As I shall soon tell, the expensive, pioneering spirit still thrives in this land. I was here to visit the Blenta AB Hatchery in Blentarp, Southern Sweden. At Blenta I found a new group of Scandinavian entrepreneurs who had foreseen the trend of the future and who had the courage of their convictions to implement change to vastly improve their operational efficiency and save a great deal of money into the bargain.

The two new ground-breaking innovations: The CC3-GL compact hatchery ventilation system and the new cleaning and disinfection system from Chick Master.

Richard Lyng, Blenta’s Hatchery Manager, greeted me on this cold and grey December morning with a friendly smile and a much-needed cup of coffee. Richard was responsible for initially recognizing the potential of these two very different products and had the strength of character to persuade Blenta’s senior management to allocate the funds to implement change to vastly improve their operational efficiency and save a great deal of money into the bargain.

We never lost any production time. We didn’t want to stop the ventilation system running so we did as much work as we could beforehand so when we switched to the CC3 system it was as simple as plug and play.

Richard Lyng - Blenta Hatchery Manager

So, the decision was made, with Blenta ordering two CC3-GLs. Richard explained, “We heard that the Lusiaves from Chick Master had developed and supplied a stand-alone ventilation system incorporating heat recovery to a hatchery in Seattle, USA.” Olle added, “Once we heard about it we were very interested. It seemed like a good solution for us.”

Another visit to the UK was hastily arranged and Richard visited Ken Baker, Chick Master UK’s Managing Director, and David Mills, Senior Project Manager, at the Chick Master Head Office to discuss the feasibility of installing a CC3-GL at Blenta. Richard was clear on the most important aspect of investing in the CC3, “We would not lose any production time. Simple as that! We didn’t want to stop our existing ventilation system running until everything else was in place. With the CC3 we could do that. Ideal solutions,” he smiled.

The primary CC3-GL unit being lifted into position on that cold, snowy, day back in December 2010

We had Wynford (Tapson), your engineer, here at the hatchery I would probably opt for your central system because you have a big air flow with low pressure.” I asked Richard if he would recommend the CC3 to other hatcheries, he replied, “If I was building a brand new hatchery I would probably opt for your central system but if the hatchery is old or you don’t have the room then the CC3 is the perfect solution.” With that final remarking endorsement we set aside a tour of the hatchery where Richard was keen to show off another of Blenta’s innovative acquisitions.

Blenta was founded in 1963 by the Hakansson family. Today it is the largest privately owned hatchery in Sweden producing around 36 million commercial broiler chicks per year. Its egg production operation was established in 1965 as a distributor of GoEasy5000 parents in Scandinavia and the Baltic States. Blenta has since moved into processing and supplies parent stock to its own company as well as broker chicks to the USA.

In fact for three months the climatic conditions were as all they are also seeing improvements in their quality now that the environment is more stable with no overheating in the warmer months. This is a very powerful system. You put in the right amount of air and take out the right amount of air to heat up various eggs/chicks you have in the hatchery. It is very efficient as you are using exactly the correct amount of energy to the air volume, with no wastage.” Richard also added with conviction, “It is a very user-friendly system. For me being able to clearly see room temperatures, pressures and humidity is essential and your Climate Management and Central System makes it much easier for us to control and operate our hatchery ventilation with great precision. Hatchery ventilation is not like an office or a shopping centre. It’s quite specialized because you have a big air flow with low pressure.”

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I have been visiting the hatchery since it opened for the very first time, on a Thursday. As a child I loved tales of the Norse Gods and especially Thor - the God of Thunder, and whose name, of course, was the origin of this very (Thor’s) day.

As I drove across the magnificent 5 mile long Oresund Bridge that connects Denmark and Sweden, storm clouds were gathering and I was imagining how, 1,000 years ago, the Vikings (unsurpassed no doubt by the heroic tales of the hammer-wielding rulers of the skies, storms and thunder) ravaged settlements from Russia to Ireland in search of new land to farm and goods to trade.

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