

CELEBRATING
1922
2012
YEARS

Yamato

PUTTING WEIGHT BEHIND YOUR SUCCESS

All cheese products catered for by Frontier multihead weigher

Customer's motivation for investment

The customer handles a number of different cheese products and was keen to improve their return on investment through increased productivity, reduced giveaway and less wastage on their packaging material.

Challenges identified

The customer's main challenge was the variety of cheese products used in its production line, which included Emmental, Comte, Cheddar, Mozzarella, Red Leicester and Parmesan. In some products starch is not permitted during production, therefore the products tended to adhere to the machine, causing delays on the production line and problems with accuracy.

The retailer also needed to improve speeds from 65 bags per minute to 80 bags per minute and comply with the strict codes of practice within the dairy environment.

Yamato's solution

Given the diverse characteristics of the different cheese products, Yamato recommended the Frontier multihead weigher with a Teflon coating, which reduces the sticking of products to the machine's contact parts.

As the Frontier makes use of bottom-based handling, the multihead weigher temporarily retain products to be dropped into the discharge chutes which ensures that no product is within the seal area of the bag maker on release. Additionally, Yamato recommended the Frontier multihead weigher for its use of Teflon coating, which reduces the sticking of products to the machine contact parts.

Benefits to the customer

The customer benefitted from faster and more efficient production, as the Frontier multihead weigher allowed them to significantly increase production output as well as increase yield weights up to 1.6%. The Teflon coatings reduced cases of the product sticking to the machine, allowing significant increases in accuracy and weighments per minute. On some cheeses, the Teflon coating removed the need for starch to be added to the products.

The Frontier multihead weigher allowed the customer to increase weighing speeds for 200g packs from 65 bags per minute to 100 bags per minute. The increased weighments on the 14-multihead machine also allowed the customer to reduce their overall carbon footprint and economic cost, as well as reduce product giveaway – which is important in the current economic climate as cheese is an expensive product. In addition, the bottom-based handling system reduced product waste and maintained the integrity of packaging so that seal failures did not occur.

After-sales support

Yamato's friendly After Sales team is always on hand to respond to problems or queries with machinery, endeavouring to respond to all breakdowns within 24 hours on working days. A comprehensive spare parts support service is available to all customers, with significant stock holding at Yamato Leeds HQ. If parts are not available at the Leeds HQ, the company's Global Network system can be utilised to ensure the fastest possible response.

Gold and Silver care packages are available, giving customers access to a dedicated telephone support number, engineer advice and support, consignment of stock of parts and training on how to fit the parts to ensure the shortest possible downtimes.

Other after sales support services include maintenance visits and certified calibrations. An out-of-hours technical support helpline can also be provided, with details available on request. Experienced engineers are also able to provide numerous levels of training and production support to customers to ensure maximum efficiency of Yamato machines at all times.

Industry Sector

Cheese products



Testimonial

"The Yamato Scale team were quick to assess our needs, taking into account all of the necessary requirements of our cheese products to provide a complete weighing solution. We have seen a significant increase in the number of bags per minute and as a result have increased our yield rate."

Operations Manager at a leading cheese manufacturer in France

Contact Us

T: +44 113 322 1546

F: +44 113 350 2020

www.yamatoscale.co.uk

[Online Enquiries](#)

3 Maple Park, Lowfields Avenue,
LS12 6HH, United Kingdom