

CELEBRATING
1922
2012
YEARS

Yamato

PUTTING WEIGHT BEHIND YOUR SUCCESS

New multihead weighing solution for potato producer increases profitability

Customer's motivation for investment

The customer, a potato packer in the UK, was faced with the task of responding to a market-led initiative from their multi-national retailer customers, which meant packers would have to accept an enhanced pack style; this would enable the retailers to improve the shop floor presentation of the product to the customer.

Challenges identified

While potatoes are not regarded as a food product that is delicate in nature, seasonal changes in the product and different characteristics with certain varieties can sometimes result in the product being more susceptible to bruising which can occur both on the machine and through product to product collision. The customer needed to increase production output from 25 packs per minute to 55 packs per minute on a standard 2.5kg pack of main crop potatoes without compromising the quality of the product.

Yamato's solution

Yamato recommended the ADW-714SV(H) ULP model of multihead weigher as it incorporates special design features to address the needs of the potato sector. This specific model of weigher is constructed as an ultra-low profile machine to reduce bruising of the product, whilst maximising productivity through higher capacity load cells. In addition, the multihead weigher had a product anti-crash stopper positioned in the discharge chutes to reduce product to product collision.

Benefits to the customer

As the ADW-714SV(H) ULP Yamato multihead weigher has been specifically designed for handling main crop potatoes, the proven benefits included reduced product giveaway through higher weighing accuracies together with significantly increased output speeds. Handling damage to the product was also reduced.

Other benefits these changes provided were significantly higher line output speeds, which enabled the customer to reduce the number of packing lines they required, as well as shorten the order intake to packed product despatch times.

The profitability of the customer's packing operation was further enhanced as the amount of product giveaway was reduced. Cost savings for packing materials were also achieved with the change in pack style, which also added to the bottom line profitability of the company.

After sales support

Yamato's weighing machines are robust and constructed specifically for the products they will be weighing. However, to ensure optimum performance at all times, Yamato recommends a regular programme of servicing. Yamato's After Sales team is on hand to respond to problems or queries regarding the operation of all their machines and endeavours to respond to all breakdowns within 24 hours, on working days. Yamato understands the importance of responding to customers' breakdown and maintenance calls in order to keep downtime to a minimum.

Yamato provides its customers with a comprehensive spare parts support service with significant stock holding from their head office in Leeds. If parts are not readily available from the Leeds office the company will call upon its Global Network system to fulfil orders.

Industry

Potatoes



Testimonial

"Without doubt the installation of the new Yamato multi-head weigher met all our specific requirements but also exceeded our expectations in terms of operational effectiveness. The anti-crash stopper definitely reduced bruising and we have seen a significant drop in product giveaway".

Production Manager at a leading potato producer in the UK

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