

SNACKS WEIGHER/ BAGMAKER COMBINATION DELIVERS FAST PAYBACK

Case Study
Madi Ventura

Facts and figures

- » The Ishida multihead weigher and bagmaker combination delivers speeds of up to 140 packs per minute for pillow bags in 50g, 75g and 100g sizes.
- » Giveaway has been reduced to less than 1%.
- » The line is capable of producing up to 88,000 packs.

An Ishida iTPS (Integrated Total Packaging System) is delivering a fast payback on investment at leading Italian dried fruit and nut supplier Madi Ventura.

Challenge

Dried fruit and nut products are expensive so accuracy is particularly vital, all the more so with items such as almonds and walnuts where the piece weight of each nut can be high (as much as 3g for a walnut).

Solution

The new Ishida multihead weigher and bagmaker combination at Madi Ventura's factory in Chieve, which was supplied by Ishida's Italian agent Itech Italia, has replaced two packing lines for the company's ranges of pine kernels, shelled and blanched almonds, hazel nuts and walnuts, delivering speeds of up to 140 packs per minute for pillow bags in 50g, 75g and 100g sizes.

The Ishida iTPS comprises Ishida's latest 14-head RV multihead weigher, integrated with the company's advanced Atlas-204 snack food bagmaker.

The Atlas incorporates an innovative double rotary jaw motion and superior control technology, which minimises raw material waste, film loss and downtime for film changes.





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Key benefits of the Ishida system, according to Madi Ventura, are its accuracy, consistency and ease of operation.

Just as important are other cost-saving benefits of the iTPS thanks to its user-friendly operation. The machine requires just one person to operate it and changeovers and cleaning are fast and easy.

“We have practically eliminated film waste,” says Mr Calvini. “The Ishida simply stops when the film needs changing. With other machines, if the operator does not spot the need for a film change, then valuable product can be lost; however, this means that inevitably the machine is stopped early, which over the course of a production run can lead to a lot of good film going to waste.”

Together with its reliable and consistent operation, and reduced manpower requirements, this all adds up to increased efficiency, which amounts to important cost savings given that during the course of one day, the line is capable of producing up to 88,000 packs.

“Naturally we looked at alternative systems for this line, and Ishida was certainly not the cheapest option that we considered,” says Mr Calvini.

“However, when you take into account the overall savings the iTPS offers and the increased production that it delivers, the purchase price is more than justified by the fast payback.”

All of which explains why the relationship between Ishida and Madi Ventura dates back to 1993, why there are six other Ishida weighers in the factory, and why the company remains, according to Mr Calvini, “the first supplier I would call for any new project.”

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