

Ishida Insights

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 **ISHIDA**

Message from President

During the past two years, the world has been facing a new virus called COVID-19. Preventing the spread of the disease was paramount across the globe, and with such, certain economic activities were under strain, and the supply chain was severely affected by the stagnation of production.

To continue our production, we have been procuring parts in cooperation with our global bases, and are continuing our efforts to deliver Ishida machines to our customers. The demand for automation, such as labor-saving and unmanned operations is increasing around the world. As a business we are constantly thinking about what we can and should do to help our customers by understanding what is valuable to them.

Ishida was founded in 1893 as the first private-sector manufacturer of scales and developed the world's first computerized combination weighing machine. This year, 2022, marks the 50th anniversary of its launch. We started in weighing, and since then, have responded to the needs of our customers, which have evolved with the times, by providing a Total Solution System of “weighing, wrapping, packaging, inspecting, and case packing”.

We will also start production at our new plant in India to further strengthen our global supply system. Ishida will continue efforts to serve our customers globally as a single-source supplier of total solution system x IoT, with/after the Corona pandemic.

Nowadays, companies will be required to take responsibility for realizing a sustainable society, as represented by the SDGs. Ishida has already been providing machines that are non-tray packaging, paper packaging, and technology to reduce the amount of film used in packaging.

In addition to environmentally friendly technology that contributes to up-cycling and circular economy, our products are robustly designed and can be upgraded with software to keep machine performance up to date. Based on our corporate philosophy of “Three-Way Harmony”, we will continue to put the customer first and strive to please people and be of service to society.

Takahide Ishida
President



Auto Splicer

In our quest to innovate and provide better solutions than before, Ishida created the INSPIRA bagmaker, to offer industry-leading results for almost every possible type of snack food pack format and film material.

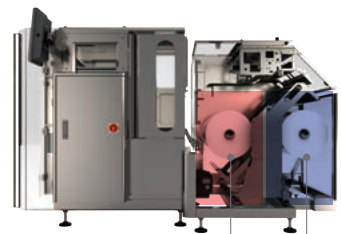
Significantly reduce a down time of film change by film pattern alignment function and film positioning mechanism. Thanks to automatic adjustment by machine, this is a user-friendly and eco-friendly option that helps prevent human error and reduce film loss.



Improving work efficiency

Challenge | Do you have trouble with sudden and urgent film changing work?

Solution | Because of the two spindle mechanisms, operators can prepare for film changes at any time during production.



Film feed side Film set side

Minimizing film waste

Challenge | Have you ever had a problem with film splicing that resulted in significant film loss?

Solution | Reduce film loss by automatic registration mark alignment function.



Minimizing production downtime

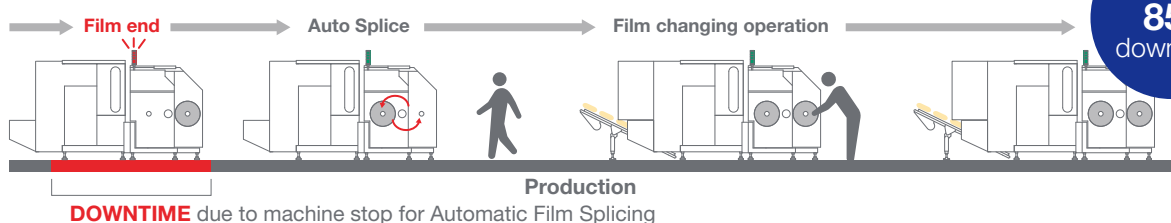
Challenge | Do you have trouble with a long time downtime due to the unnoticed film end?

Solution | Reduced 85% downtime

NO auto splicer



INSPIRA auto splicer



Reduced
85%
downtime

DOWNTIME due to machine stop for Automatic Film Splicing



Supports poultry processor's growth



Taravis in Hungary

The longstanding partnership between Hungarian poultry specialist Taravis and packing line solutions provider Ishida Europe has been instrumental in Taravis's continuing success and growth. In particular, Ishida's support and advice have been crucial in helping to modernize the Taravis factory in Sárvár through the introduction of increased automation which has led to significant improvements in performance.

Challenge

Whereas previously slaughter of the birds would take place during one shift, while the next two were then devoted to packing, now both processes are undertaken in a single shift as part of an inline operation. Just as significant, product giveaway has been greatly reduced.

In recent years, it is now less than 3% across the entire factory whereas previously it was well over 6%, or as managing director Ákos Szabó puts it "far too much" pointing out that this figure does not take into account the yield loss through the trimming of birds to meet the required target weight.

Solution

Key to the higher speed and accuracy in the packing process has been the replacement of the slow and labor-intensive hand packing operation with two Ishida Flex Graders, one Robotgrader and two multihead weighers, which ensure consistently accurate weights for the pre-packed trays and vacuum packs of chicken. In particular, the Robotgrader, which combines weighing and pick and place technologies to grade chicken pieces and pack them to a fixed weight straight into the tray, is able to minimize giveaway to less than 1%.

As a result, the Taravis factory is today able to handle 8,000 birds per hour, 64,000 in a day, compared to the 14,000 birds per day that it handled when it first opened in 2001. Equally significant, efficiencies have hugely improved.





Asia Technical Center

In 2020, the Asia Technical Center was established in Bangkok, Thailand.

The Asia Technical Center is part of the Ishida Group's Six-Year Global Plan as a hub for the Southeast Asian region, and was established as a base for strengthening engineering capabilities and disseminating information not only in Thailand but throughout Southeast Asia.

In addition, by strengthening our engineering capabilities, we aim to propose total system solutions, which is one of Ishida's strengths, and solve our customers' technical problems on the spot so that we can serve them quickly. It consists of a conference room and showroom for business discussions, a demonstration line and FAT zone for quotations and training, a seminar room for internal and external training, a parts warehouse, and offices for CE (service personnel). We aim to provide our customers with a realistic on-site experience to solve their problems and propose solutions that they can entrust to the entire production line.

ATC has a full line of weighing, packaging, inspection, and boxing machines, so we can perform tests according to your requirements. We can test any product, whether it is a dry product such as snacks, rice, confectionery, nuts, etc., or a wet product such as chicken, seafood, frozen foods, etc., so that you can experience the productivity of using Ishida equipment. In addition to product testing, we can also help with customer operator training, so please contact us for more information.

