

# Snack Food Packaging Solutions

Proven competitive edge at every level





Snack Food

## A complete range of solutions from the recognised expert

Ishida Europe offers you the latest advanced equipment and expertise, together with the guidance and support you'd expect from a true partner with decades of relevant successful experience in the snacks sector.

You will measure your success ultimately in improved profitability.

Your chosen route may be:

- ▲ Speed of packing
- ▲ Volume of throughput
- ▲ Yield of packed product
- ▲ Lifetime ownership of cost
- ▲ Return on investment

In every case, you'll find an Ishida solution to match your ambitions.

When it comes to pack quality and presentation, you'll also find what you need in the Ishida range.

Ishida offers you the right equipment for the job, and the reassurance of knowing that you are using the very latest in proven snack food packaging technology.



## High speed, high throughput range

The industry's fastest packaging solutions, featuring Ishida's innovative automatic pack air-fill (AAF) and jaw product in seal (JPISD) detection technologies.

Ishida's integrated total packaging system (iTPS) is available in 'single-tube' or 'twin-tube' versions with automatic air-fill and jaw product in seal detection technology incorporated into the bagmaker jaw interface to achieve the highest quality of packaging every time.

Complete, single-source integration of all equipment and software from weighing through to inspection and casepacking offers many performance- and supplier-related benefits. This is unique to Ishida.



AAF is an innovative Ishida technology that when combined with the Ishida TSC sealtesting system can monitor at high speed the height of every pack produced. When the pack exceeds the high or low limits for pack thickness, the system will automatically adjust the bagmaker deflation mechanism to correct the required pack thickness.

All this takes place in milliseconds, without hindering the high speed bagging rates of up to 150bpm per tube, and is especially supportive to maintain your product brand quality.



### Top of the multihead weigher evolutionary tree: the Ishida RV-Series.

Evolved by combining state-of-the-art R&D with Ishida's vast experience in snack and other applications, the RV weigher is:

- ▲ 15% faster than previous models, thanks to improvements in the processing unit, vibratory system and hopper opening closing profiles
- ▲ Quicker to start and faster to change over, with the new Auto Setting feature
- ▲ Exceptionally easy to clean
- ▲ Economical with energy: a choice of three power modes allows savings of up to 20%

## Twin-tube iTPS - RV Technology to 300bpm

For extruded snacks, baked snacks and potato chips, this twin-tube iTPS system achieves unmatched speeds of up to 300bpm.



Unique 'two-in-one' Ishida RV-218 multihead weigher over twin rotary motion Inspira bagmakers.



The equipment is very straightforward to control via a user-friendly icon-based interface similar to a smartphone. The intuitive, 15.3-inch screen can be customised by users.



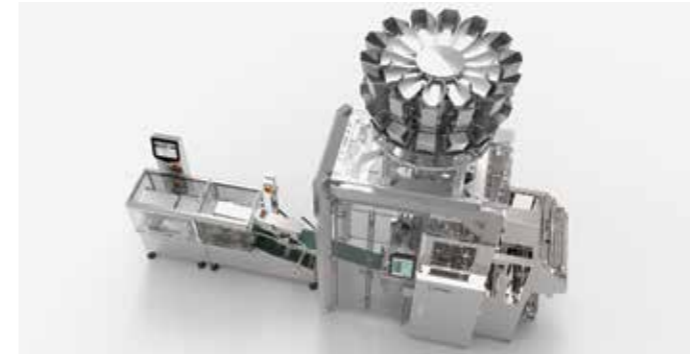
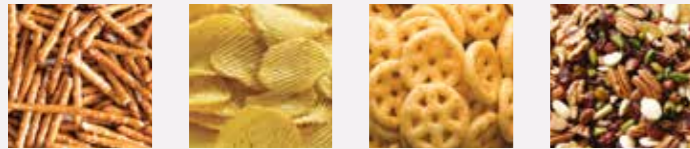
Jaw product in seal detection is an innovative Ishida technology that can precisely detect potential seal quality concerns along the full width of the jaw face.



Machine configuration to include industry standard ancillary equipment, metal detection, date coder and pack promotion technologies including labellers.

# Single-tube iTPS - RV Technology to 200bpm

For fast flowing products, such as extruded snacks and nuts, this single-tube iTPS is state-of-the-art and is capable, with Ishida's compact weigher configuration of speeds up to 200bpm.



Super-fast RV-Series 14-head weigher over rotary-motion Inspira bagmaker.



Ishida's innovative high speed deflation technology delivers consistent pack inflation to maximise your customer's brand quality.



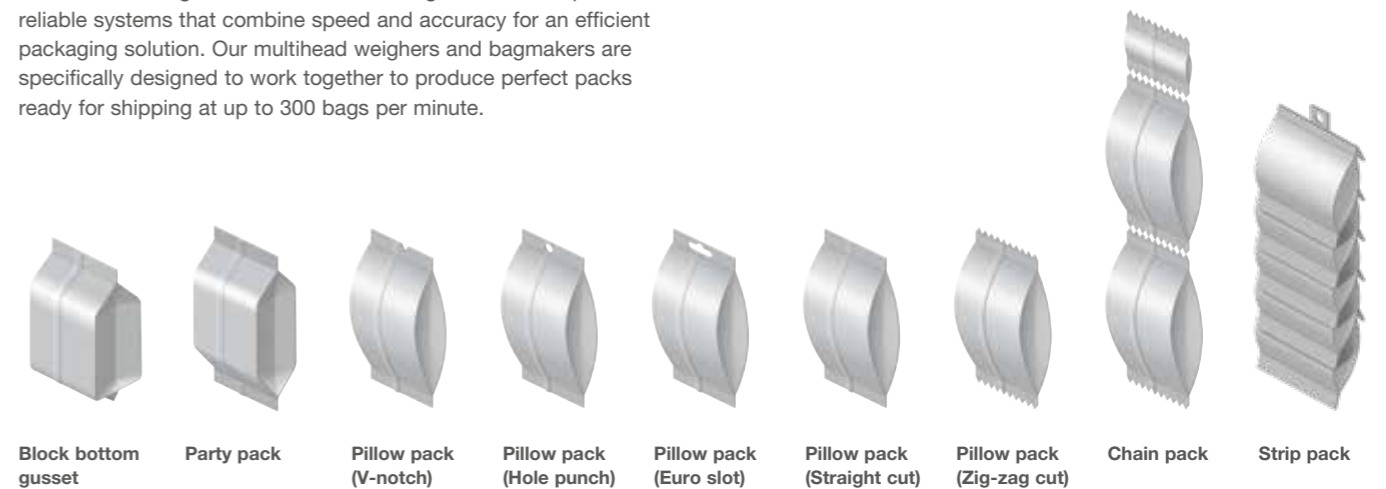
An inbuilt flow meter combined with an electro-pneumatic controlled valve, allows for the precise delivery of nitrogen to each pack, as defined by the preset configuration, minimising nitrogen waste whilst maintaining pack seal performance.



Choice of a weigher or gantry mounted bagmaker, offering compact footprint to suit the full variety of customer installation requirements.

## Snack Food Packaging Solutions

The world-leading snacks brands have long trusted us to provide reliable systems that combine speed and accuracy for an efficient packaging solution. Our multihead weighers and bagmakers are specifically designed to work together to produce perfect packs ready for shipping at up to 300 bags per minute.



Block bottom gusset   Party pack   Pillow pack (V-notch)   Pillow pack (Hole punch)   Pillow pack (Euro slot)   Pillow pack (Straight cut)   Pillow pack (Zig-zag cut)   Chain pack   Strip pack

## Intermediate Range

A complete set of solutions offering speeds ranging from 120 to 300bpm



120 bags-per-minute system

### Narrow and wide bag format

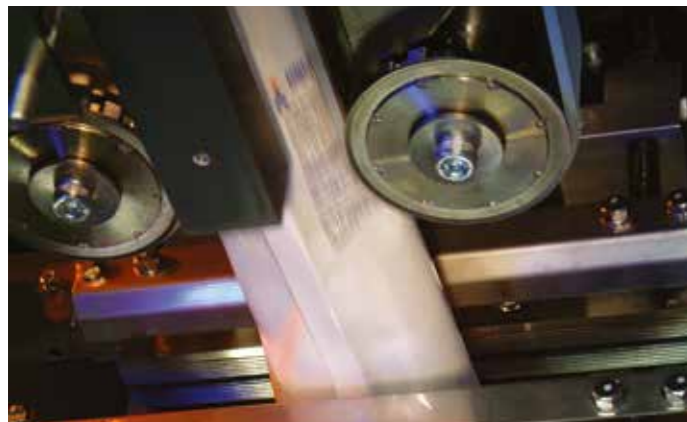
A 14-head Ishida weigher of the fast, accurate RVE-series mounted over an intermittent motion Ishida bagmaker. This robust and economical combination is capable of 120bpm under challenging factory conditions, and is easy to set up, maintain and operate.



170 bags-per-minute system

### Twin configuration

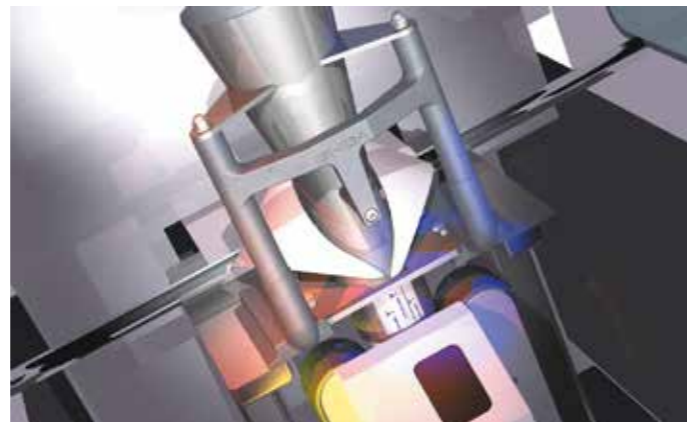
Here, the fast 16-head Ishida RVE weigher with typical 98% efficiency can simultaneously feed two economical Ishida intermittent motion bagmakers to give an overall speed of 170bpm. Particularly suitable for potato chips and corn snacks, this system is also robust and simple to manage.



220 bags-per-minute system

### Single jaw

This 'twin-tube' Ishida Total Packaging System has a superfast RV-Series weigher (16 heads) mounted above single jaw rotary-motion Ishida bagmakers, and delivers speeds of up to 220 bags per minute. Greater efficiencies are achieved with the RV-Series weigher, with associated product give-away savings.



300 bags-per-minute system

### Box motion technology available

With the increasing customer demand for alternative pack formats Ishida have developed their new high-performance box motion bagmaker technology to deliver packing speeds up to 160bpm for a single tube configuration. When combined with our technology leading RV-218WB multihead weigher, mounted above twin bagmakers, system speeds to 300bpm can be achieved whilst maintaining a compact installation footprint.

## Fully Integrated Snacks System

Ishida delivers a fully automated and integrated Snacks weighing and packaging solution.

Ishida understands the challenges of maintaining machine operator expertise combined with an increased need to give operators greater responsibility for more equipment.

The full snacks line of equipment is designed to perform with minimal operator intervention. By using the pre-configured pack preset information the functionality of the snacks system is defined and the integrated automation features ensure each element of the system is correctly set-up to deliver the optimum performance.



# Working with you every step of the way

Our extensive R&D investment is directed at meeting the challenges of the fast-changing food industry around the globe.

We aim to support our partners fully, from the very start of the buying process, and you will find many equipment brochures, visual animations and case studies available on our website. When you are ready to make contact, a well-resourced network of Ishida companies, distributors and agents, extending across Europe, the Middle East and Africa, can provide advice and organise demonstrations and trials.

Installation is rapid and efficient. For integrated packing lines, we use proven project management techniques and methodologies, tuned to your key objectives and specifications.

A dedicated pan-European service engineering team helps to maximise the performance, functionality and reliability of our installed base. In addition, spares facilities are strategically placed throughout the territory, offering 24-hour delivery in most cases.



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