

Innovation Knowledge Global Experience Precision Quality Performance

Ishida Europe: understanding and tackling the weighing and packing line challenges you face

- Unique engineering expertise, combined with practical industry knowledge in your sector
- Global applications experience, including snacks, meat, poultry, ready meals, fresh produce, dry and frozen foods, bakery, confectionery and pasta
- R&D resources and commitment to support both continuous improvement and major innovation
- Solutions include consultancy and project management, complete packing lines, multihead weighers, distribution and topping systems, X-Ray inspection systems, snackfood bagmakers, checkweighers, tray sealers, weigh-price-labellers and pick-and-place systems.



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.



helpline • spares • service • training



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ffseries

High performance fresh food weighers

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Automatic weighing solutions
for fresh foods - minimum
waste, maximum payback!



New speed and hygiene in applications that
only recently seemed beyond the reach
of automation

Ishida has extensive experience in creating systems that use the combination weighing principles to weigh and pack a wide variety of fresh foods with the highest accuracy and consistency.

Combining state-of-the-art weighing technology with unmatched precision and proven reliability, Ishida provides solutions that minimise waste, maximise efficiency, save time, and reduce labour - plus they are simple to operate and easy to clean.

The Ishida fresh food weighers have the versatility to handle a wide variety of products and customer requirements.

All seven models are ideal for difficult to handle, sticky products and short production runs, where fast product changeovers are essential.

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Applications include:

poultry

meat

fish

fruit

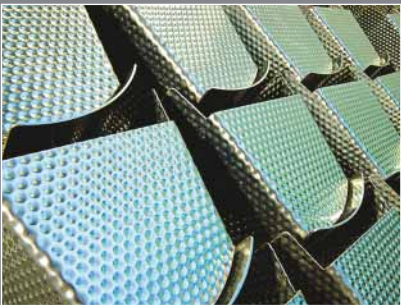
salad

vegetables

rice

pasta

ready meals



Easy product handling for maximum production efficiency

All hoppers utilise sliding doors. These easily dislodge product residues so that sticky products can be handled comfortably.

All plastic hoppers are made of resin and the inner walls are rippled to prevent product sticking. The collection belt conveyors are fitted with scraper gates. These remove product residues to ensure a reliable and precise product discharge.



Simple operation

The linear feeders act as a product buffer between the infeed system and the pool hoppers. This makes manual operation considerably easier.

Pool hoppers can be specified with loadcells for easy product detection. This allows a degree of random product feed to the pool hoppers and makes manual operation stress-free.

The user friendly touch screen Remote Control Unit (RCU) requires minimal operator training. Up to 50 pre-sets can be stored in the RCU memory for quick machine set-up and product changeover.



Accuracy and consistency minimise product giveaway

For most applications a product giveaway of only 0.5g or less than 1% can be achieved with consistent high weighing speeds up to 70 packs per minute.

The high level of consistency ensures that the production output is stabilised.



Easy cleaning

A waterproof, hygienic construction allows for thorough cleaning of the main body and contact parts.

The need for minimum hand intervention ensures compliance with the strictest hygiene standards (such as HACCP).

All contact parts can be easily removed, cleaned and replaced without using tools. This minimises downtime.



The economic solution

Manual operation typically requires 5 operators to weigh the product on static scales and to fill the pack. The Ishida fresh food weighers require no more than 2 operators thus saving up to 5 operators per shift.

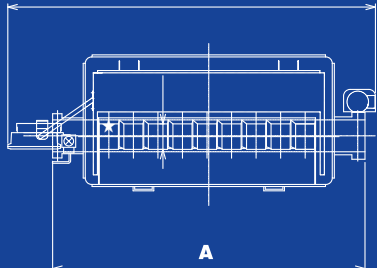
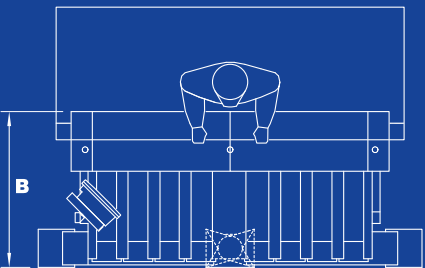
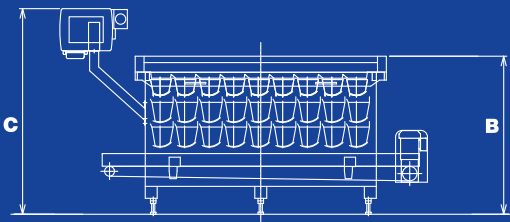
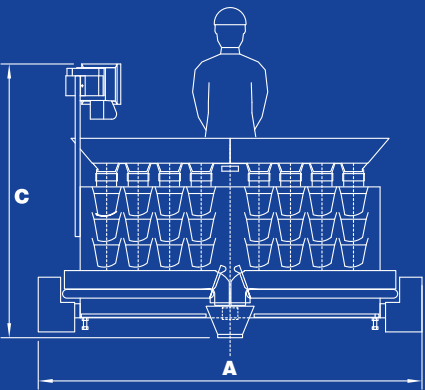
Automatic product feeding is an option that further reduces the number of operators required.



Maximum payback

Minimum product waste, consistently high productivity and high savings on labour mean that typical payback periods can be reduced to just a few months.

Technical specification



***Dimensions shown are for 9-head model only

Model	A (max)	B (max)	C (max)	Weighing volume (max) (per single discharge)	Weighing capacity (per single discharge)	Weighing speed (max)*
5-head	1235	900	1510	2.0L	1kg	25wpm
6-head	1395	900	1510	2.5L	1kg	35wpm
8-head	2315	940	1600	3.5L	3kg	40wpm
9-head***	1960	985	1285	3.5L	3kg	30wpm
10-head**	2260	900	1510	2.5L	1kg	40wpm
10-head	2260	900	1510	2.5L	1kg	60wpm
12-head	2580	900	1510	2.5L	1kg	70wpm

Dimensions shown are for guidance only and depend on chosen options

*Depends on target weight, product shape, product density and other weighing conditions

**Specified with only one set of weigh hoppers