

Ishida Solutions

Fresh, integrated approaches to
packing line challenges



Rely on Ishida to realise your vision

Ishida Solutions is a team of experienced, creative visioneers, engineers and planners dedicated solely to major packing line projects. Special expertise is needed to advise on the best possible combination of equipment to achieve your goals, and on how to squeeze maximum synergy from the often complex interfaces between the elements of the line. We can provide that expertise at any stage in your planning, from earliest brainstorming through to reliable, detailed project management.

Here are some of the ways in which Ishida Solutions can help you maximise efficiency and minimise cost per pack:

1. New ideas that work

We offer bright inventive minds with a track record of innovation across a wide range of applications, including many directly relevant to the opportunities and challenges you face.

2. A unique food industry resource

We have many years of successful experience with a wide range of food companies, including most of the world's top 10. No other solutions or project management service can offer you this level of food industry expertise.

3. The highest level of packing line integration

We offer our own full range of single-manufacturer packing line machines and equipment, with 'integrability' designed-in from the start. This is complemented by state-of-the-art expertise in integrating machines from a wide range of other sources.

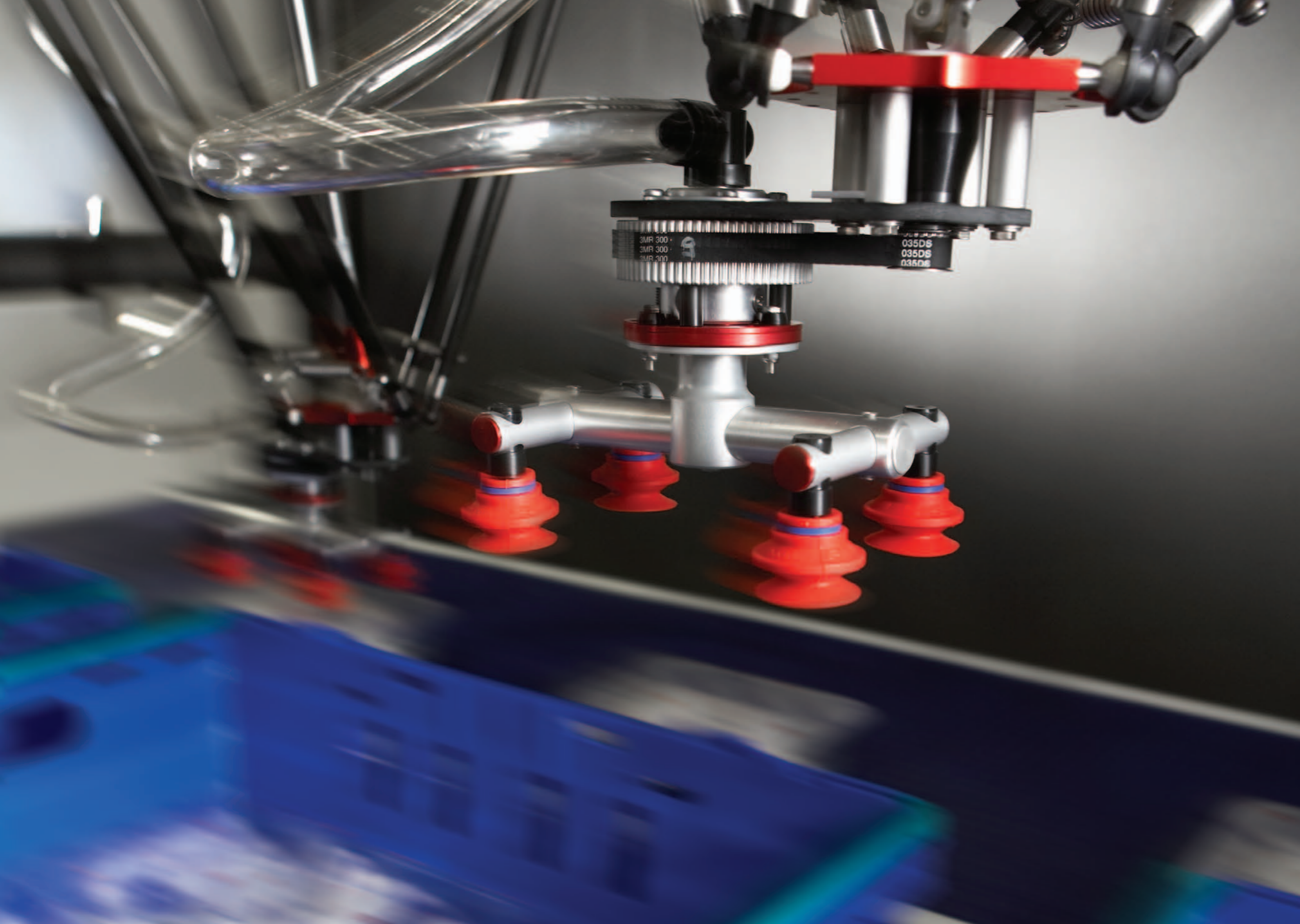
4. Planning and management that minimise risk and cost

Ishida implementation systems have been tried and tested in thousands of successful installations. We also have a sound grasp of methodologies specific to the world's top food manufacturers, as well as the adaptability to work effectively with whichever approach you choose.

5. The resources to assure ongoing peak performance

Our work will result in an installation capable of performance to or above the agreed specification, far into the future. Whatever the geography of your operation, we can provide you with any necessary support, including service and spares, backed by our wide knowledge of production challenges and solutions across many markets.





New ideas across a wide range of applications

The Ishida Solutions team will take a fresh look at your vision, objectives and challenges. Ultimately this input can only enhance the project you've embarked on, helping you to choose among those options already on the table and adding insights and possibilities you may not have considered.

Here are a few examples of Ishida Solutions. If you'd like to know more about any of these, or of the hundreds of other opportunities we've helped our customers to seize, do please get in touch.



Want to pack leaf salad in trays without running into product-in-seal problems?

The secret lies in maximising speed while minimising air disturbance.



How about a lardon packing solution that can fill twin trays at up to 208 ppm?

A special distribution system combines with the speed of multihead weighing.



Like the idea of accurately portioned minced meat flying into trays at over 100 ppm?

The ultimate answer involves steadying the tray as it takes the impact of 1kg of meat.



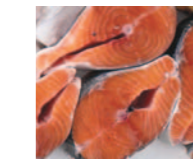
Want to pack chicken at an impressive pace, and still allow for individual tray 'styling'?

You can get there with the right combination of automatic weighing and human touch.



Want to get the highest possible return-on-floorspace for your snack packing operation?

Depending on snack shape, you could choose a single- or twin-bagmaker route...



Need to pack fish into trays, achieving the highest presentation values?

Ishida have developed five basic integrated lines to pack a large variety of fresh fish with maximum accuracy and excellent appearance.



How do you achieve stunning ready-meal presentation plus minimum giveaway of the most expensive component?

Combine multihead weighing, a tailor-made distribution system and the latest in multi-compartmental tray design.



A unique range and depth of food industry experience

Many companies offer project management at a high level. Many consultancies will undertake to tell you what is state-of-the-art in product handling and packing. Only Ishida Solutions can offer you both of these very different areas of expertise firmly rooted in the food industry around the world.

Working with many of the world's most prestigious companies.

For example, Table 1 shows the 10 largest consumer companies in the food business worldwide: nine out of the 10 have benefited from Ishida equipment or expertise.

Associated British Foods
Cadbury
General Mills
Groupe Danone
Kraft foods
Mars
Nestlé
Pepsico
Tyson Foods
Unilever

Table 1. The world's top 10 food companies listed in alphabetical order. Extracted from Evolve, survive and thrive. Global powers of the consumer products industry. Deloitte 2009

Successful partnerships across the board

The figures for Ishida engagement with food manufacture are similarly impressive if one looks instead at the top 20, top 40 or top 100 companies.

And Ishida also partners successfully with many small companies who would claim to be leaders by virtue of their gourmet products, craft skills or the excellence of their regional recipes and ingredients.





Packing line integration reaches new heights

If one is to extract maximum efficiency from an array of machines, a deep understanding of the interfaces between units is as important as knowledge of the machines themselves. That's exactly the kind of special knowledge that our solutions team has built up at Ishida.

Impatient for improvement

The desire to get a system working with maximum synergy has often led us to seek improvements in 'adjacent', non-Ishida machines, and ultimately to develop our own complete solution. Our solutions team continually looks for new and profitable ways of breaking down the barriers between machines.

Our belief in the benefits to our customers of single source manufacture is reflected in the fact that Ishida now makes most major packing line machines, from multihead weighers to X-ray inspection systems. This is in addition to the complex distribution systems that take products into bags or trays, as well as ancillary equipment such as gantries, conveyors and tray denesters. The expertise we have built up in all these areas is strongly reflected within Ishida Solutions.

Integration beyond the 'machine next door'

As well as the efficient physical handover of product from one part of the packing line to another, we are also alert to the many ways in which inter-machine signalling can promote efficiency. Another special interest of the solutions team is how best to deploy data both to and from the wider factory and enterprise information systems so that, for example, information needed for traceability is efficiently reflected in pack ID and labelling.

Integrating the human factors

Our field is not simply automation, but the better and more efficient packing of products. Many processes rely inherently on human skill and judgement. In designing solutions such as our Weigh-Batcher for poultry products we have broken new ground, making the man-machine interaction as efficient and, for the operator, as comfortable and risk-free as possible.





Taking out risk and cost with the right system

While visionary thinking and inspired engineering have much to offer you at the concept stage, there is a lot to be said for solid, logical planning and tight procedures when converting visions into profitable reality. At Ishida we offer you the flexibility of several different structured approaches of tried and tested value.

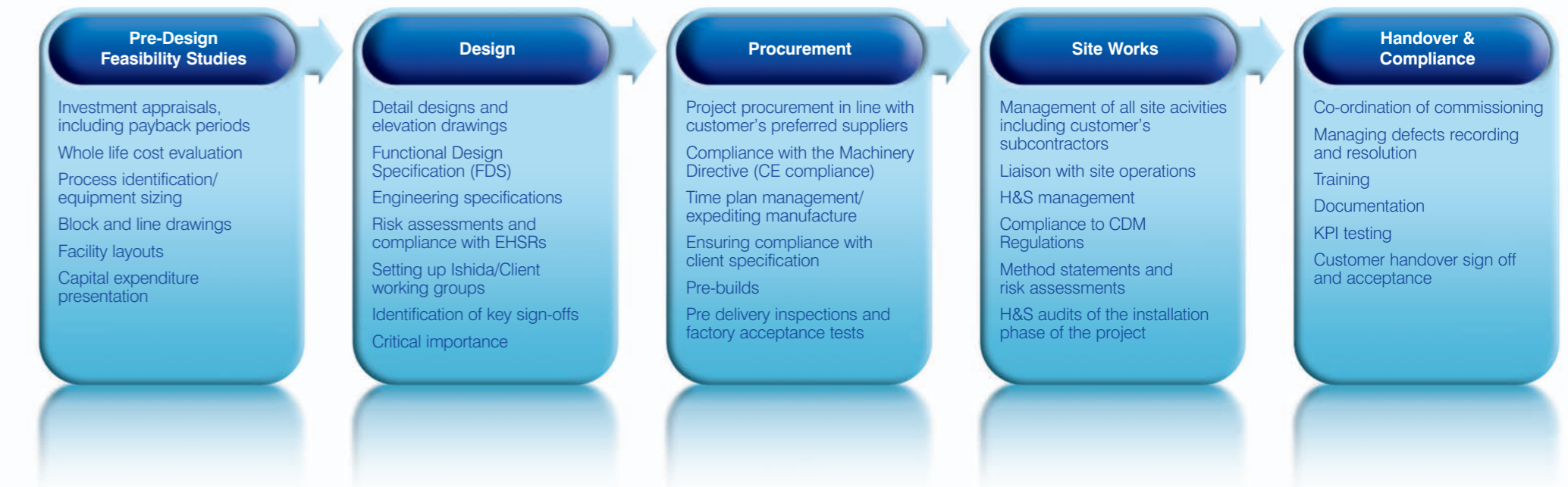
The Ishida approach

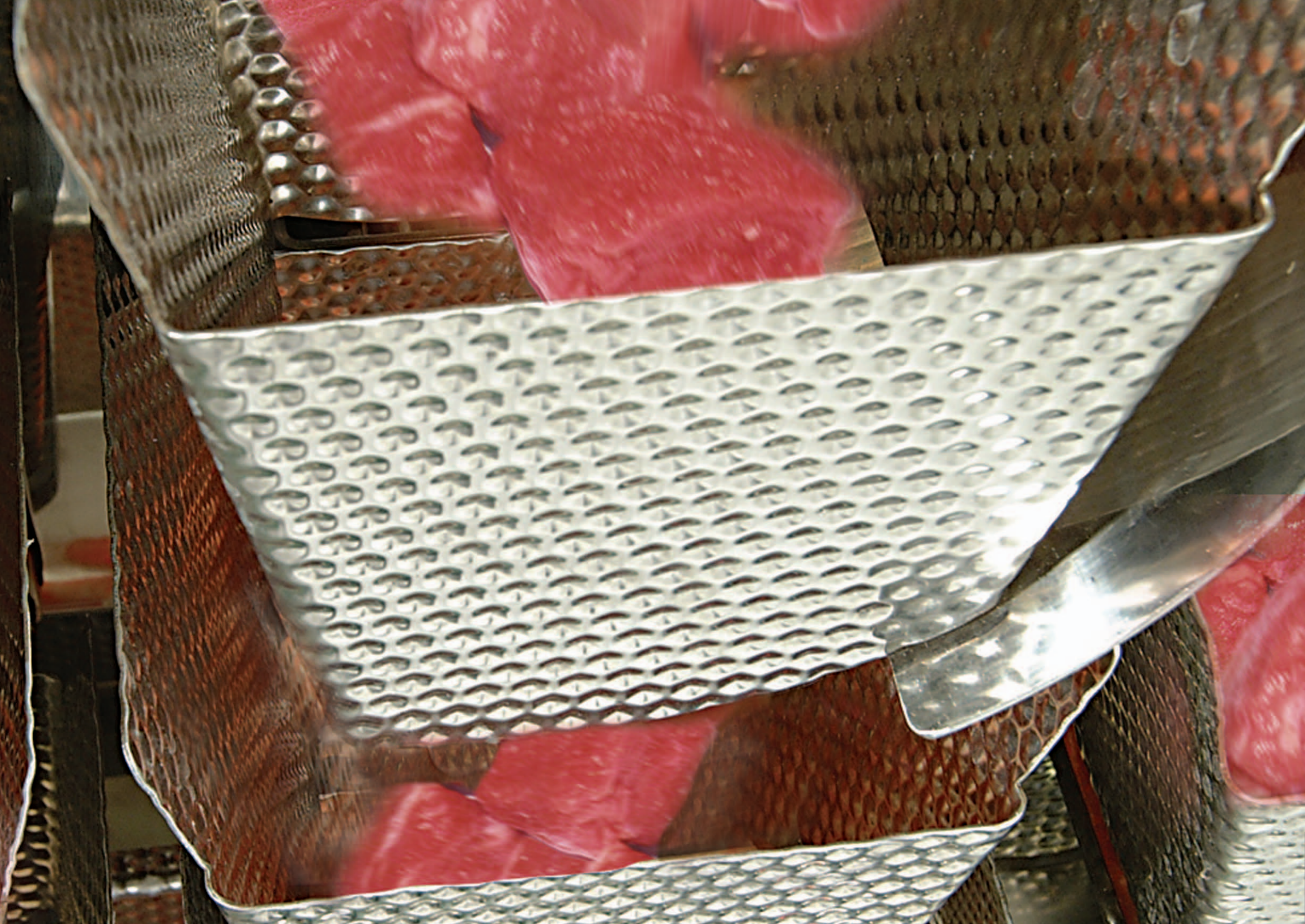
Our own 'home-grown' solutions approach utilises the best of industry recognised project management methodologies such as PMBOK and PRINCE2.

This approach has been sharpened in the successful implementation of hundreds of projects worldwide, and continually updated with cutting-edge 3D design and visualisation software, project management tools and advances in installation logistics.

Doing it your way

If you have your own chosen methods, we will take the time to fully grasp the steps involved and the reasoning behind them, so that we can both comply with your directions and contribute fully to a successful outcome.





The ultimate aim: ongoing peak performance

At Ishida, we aim to keep the solutions we have installed working to specification, hour after hour, year upon year. A key factor here is the reliability for which our equipment has become well-known, often earning profit for its owners for many decades after it has paid back any investment.

And of course we enhance this with arrangements for maintenance, service and spares supply, often backed by contracts and warranties. To underpin these, Ishida Europe maintains more local resources close to its customers than most companies in the industry.

However, the Ishida Solutions approach adds something extra.

Overall design influences consistent operation

We take care that each element of your line is matched to its exact purpose and to its sister units, operating within its capacity, and so less likely to undergo excessive wear and tear, or to 'tail off' in speed, accuracy or efficiency.

Software and operator interfaces are designed so as best to provide, at a glance, all the information and prompting needed to keep performance within agreed parameters.

Special attention is paid to ensuring that your new system is properly accessible for maintenance and for cleaning appropriate to your application, to ensure that these activities can be carried out simply, efficiently and according to schedule.

Designed by the installer, installed by the designer

Finally, having designed your system, we are far better placed than a third-party installer to ensure that it is put together correctly, with all the above-mentioned factors properly taken into account.

This is where our food industry experience, both of countless installations and of years of subsequent production, makes the difference.



What stage are you at, and how can we help?



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