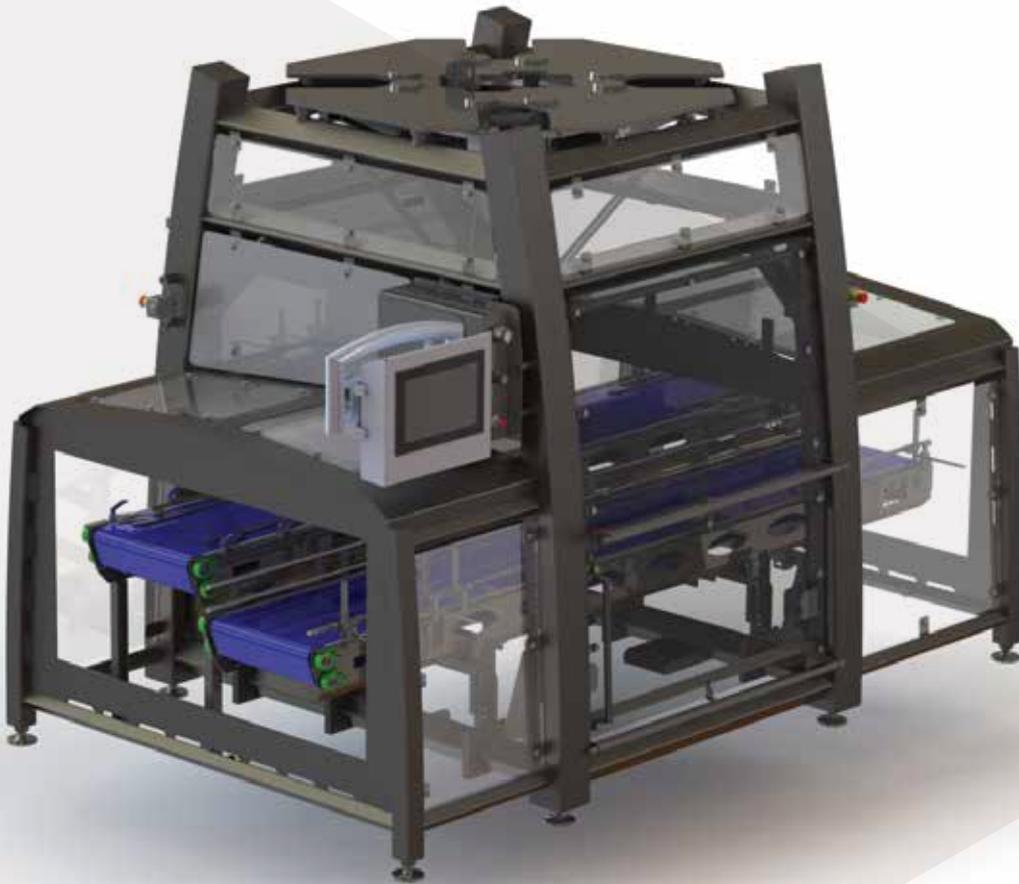


IPS

Individual pick-and-place system
for faster, more flexible case and
crate packing



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The Ishida Packing System (IPS) makes packing of trays into cases and Eurocrates faster and more efficient, and enables you to vary your in-crate presentation to suit a wider range of demands than ever before. In addition, it requires less upstream expenditure, as it accommodates far simpler tray infeed arrangements.

It works by moving individual trays rather than collations. This approach has become advantageous because of advances in the speed, efficiency and robustness of modern robots, combined with Ishida's extensive applications knowhow and pick-and-place experience. The IPS is available in single, twin and dual lane configurations.

High speed and efficiency

IPS will bring high speeds to your end-of-line activities. The IPS's delta robot's moving parts have a very small inertia, which allows them to accelerate rapidly. The resulting speed and efficiency mean that picking of individual packs now leaves old-fashioned collation picking far behind.

Enhanced flexibility in crate layout...

A major benefit of individual pick-and-place packing is that each layer of trays in a crate or case can be arranged differently. For a multilayer case it is clear that this would provide much greater stability of the contents during transport than would identical layers laid on top of each other.

Simplified infeeding and crate handling

Trays are streamed into the machine in a single, twin or dual lane configuration. No expensive, complicated vision system is needed, and any steps to collate packs before picking can be dispensed with. The IPS tracks all the items optically. Trays are picked, and crates filled, whilst in motion, greatly increasing the efficiency of the system. This also avoids any need for adjustable stops and their time-consuming adjustment.

Features and benefits:

- ▲ High speed and efficient 4 axis delta robots
- ▲ Single or twin robot configuration
- ▲ Simplified infeeding and crate handling
- ▲ Enhanced flexibility in crate layout and contents
- ▲ Uncomplicated setup, operation and changeovers
- ▲ Quick release picking heads
- ▲ Simple, robust, hygienic design, IP69K
- ▲ Protect against rising packing labour costs
- ▲ Line integration

Applications include:

- ▲ Ready Meals
- ▲ Meat
- ▲ Poultry
- ▲ Fish & Seafood
- ▲ Fresh Produce
- ▲ Salads
- ▲ Dairy
- ▲ Fruit
- ▲ Confectionery

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