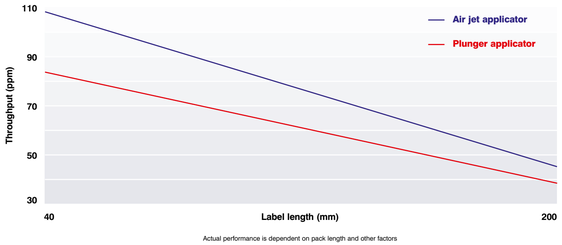
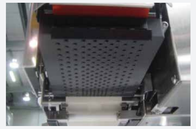
High speed operation maximises production throughput

Speed graph



Actual performance is dependent on pack length and other factors



Air jet applicator

At a print speed of up to 300mm/sec the WPL-AI is one of the fastest machines of its kind on the market. Make the most of high-speed printing by using the high-speed air jet applicator which is ideal for flat top products.

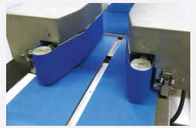
Plunger applicator

Independently moving flexible fingers emulate the action of the human hand for perfect label application on curved and slanting products. The plunger applicator copes equally well with products that vary in height from pack to pack.

Special features to suit your products

Spacing conveyor with motorised infeed guides

Products are automatically separated for optimum performance, and aligned with the self-positioning guides to enable accurate label placement.



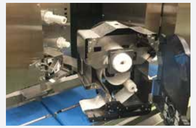
Self-adjusting side belts

Ishida's unique infeed side belt system is unbeatable in dealing with irregularly shaped products such as joints and whole birds. The side belts adjust to the product width on the fly to ensure that every product is placed centrally on the conveyor system, resulting in consistently accurate label placement.

Multi-rank weighing

The WPL-AI's multi-rank weighing feature allows you to run a variety of products concurrently by ranking incoming products by weight or input signals (e.g. colour of tray, height of product). Each rank carries its own tare weight, ingredients text, label layout, price, catch/average-weight mode selection, printer allocation, etc. In effect, this features gives you two or more weigh-price-labellers in one.

Minimum downtime for maximum production efficiency

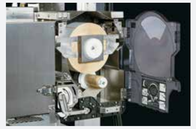


Label cassettes

Label change/replenishment is very quick thanks to Ishida's unique label cassettes. Operators can prepare all labels for the next production run in advance. Changing the cassette on the printer takes just a few seconds.

Automatic printer positioning

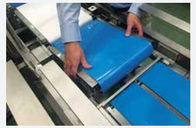
Product changeovers are fast and straightforward. The printers and infeed guides move automatically to match the desired label positions. No mechanical adjustments are required.



Efficient and reliable operation

The WPL-AI's special thermal head is one of the most durable available and an innovative label feeding mechanism allows for easy changeovers. This ensures consistently accurate label presentation, reduced label waste and minimum operating costs.

Hygienic design facilitates easy cleaning



Quick-release belts

In addition to the hygienic design, all conveyors can be easily removed, cleaned and replaced without using tools. This minimises downtime.

Maintenance-friendly design

WPL-AI has been designed with maintenance in mind. Parts that need replacement over time are easily removed and replaced. The stainless steel frame design and construction keeps corrosion at bay and permits easy access for cleaning.

Options

Remote assistance

Remote assistance enables your own specialist or Ishida support staff to access the machine's screen via your network and the Internet. Settings screens and operation logs can be accessed to assist you quickly and efficiently.

Metal detector

With the optional integrated metal detector, products are checked for metal contamination. Contaminated products are not labelled and can be rejected using the optional reject unit.

Reject unit

The optional reject unit rejects products that do not meet the weight requirements or are metal contaminated. The optional bin is available as single or double compartment bin, allowing separation of metal-contaminated products.

Special applications

Full communication with factory systems - this allows seamless integration into factory systems already existing on site.

- Product ID systems are available on application.
- Multiple product run with tray colour detection.
- Multiple product run with invisible marking
- C-wrap labels and sleeve labels