

## F-SPA FLEXIBLE STRIP PACK APPLICATOR

### In-line or stand-alone production of high-impact in-store hang-strips

For automatic production, the Ishida F-SPA interfaces with a bagmaker or flow wrapper. The machine heat-seals bags to one of a range of patented Ishida strip-tapes at operational speeds of up to 75 per minute.

Semi-automatic operation (where the bags are handed by an operator working off-line, then automatically sealed to the strip) allows mixing of bags of different same-size packs, to produce colourful displays.

The F-SPA handles bags from 50 to 203mm wide and from 60 to 280mm long. Enabling successful high-speed automation of the process by manufacturers and contract packers, it makes in-store promotion with hang strips an economically viable activity for the first time for many products.



Specifications		
Model	Flexible - SPA Type S	Flexible - SPA Type M
Strip Speed	80bpm (Mechanical Max) *Achievable speed depends on the condition of bag size, pitch, etc	
Available Bag Width	50mm - 127mm	127mm - 203mm
Available Bag Length	60mm - 280mm	127mm - 280mm
Bag Weight	Up to 100g	
Placing Pitch	50mm - 100mm	
No. Bags on Strip	Selectable	
Waste Ratio in Bag Placing	Less than 1% *Depends on actual product, air fill etc.	
Machine Material	Painted Mild Steel Frame	
Machine Size (Length x Width x Height)	2000mm x 950mm x 1450mm (Conveyor Height 975mm)	
Machine Weight	Approx. 250kg	
Control Unit	Monochrome Touch Screen (Language Eng or Jpn)	
Electrical Parts	Inside Cabinet	
IP Rating	IP-30	
Major Functional Component	Seal Method: Heat Seal Bag Gripping: Air-Chuck Cylinder, Servo-Motor Driven Bag Orientation Control: Brush + Stopper Tape Holder: Manual Tension Control Option: - Air Mist Spray Unit for Re-Attachable Tape Use - Upper Conveyor in Bagmaker Interface - Bag Setting Brush	
Electrical Power	240V - 480V (Power consumption: 1.3kW, 11A, 50/60Hz, less than +/- 10% of rated voltage)	
Atmosphere	0-40°C (30-70%RH: No Condensation)	
Air Consumption	0.5Mpa (5Kgf/cm <sup>2</sup> ) 80NL/min	
Noise Level	Less Than 85dB, at 80bpm Operation	
Conformed Standard	CE, Ishida quality standard	
Safety	Ishida safety standard (No UL available)	

Design & specification are subject to change without notice.

\*Above conditions subject to standard bag size (178mm (L) x 135mm (W) x 50mm (H) and film material of S-OPP(20)/PE(13)/VMS-OPP(20) \*Performance is conditional on use of Ishida tape

# SPA FEATURES AND BENEFITS

Hanging strips of bags are a powerful way of promoting products in-store. Alone or placed next to complementary products (e.g. bags of snacks hanging in the drinks section), they take up no shelf space and can make it easier to gain a first retail listing. They can be up to 30% more effective than a shelf display. Ishida Strip Pack Applicators (SPAs) offer manufacturers and contract packers a practical, innovative approach to producing them.

## Excellent visual performance

Ishida's uncluttered, lightweight mounting tape allows spacing of the bags for maximum impact. When hand-fed, SPAs help create eye-catching displays with bags of different types and colours.

The tape itself can be printed to reflect the brand or the specific promotion, and space can be created on each strip for additional promotional surfaces.

## Strong, stable array, allowing easy removal and re-attachment of bags

The bags are heat-sealed to the strip, the process being adjustable to suit the bag material, ensuring secure attachment.

With Ishida's patented resealable tape, bags are easy to detach. Staff or customers can also re-attach them, helping to preserve display integrity. Each bag emerges with its end-seal folded, which aids easy removal, and helps protect bag integrity.

## Faster, more economical hang-strip production

Automatic Ishida SPAs can work in line with a bagmaker or flow wrapper, attaching up to 75 bags per minute. Manual models easily exceed the loading speeds attained with conventional clip strips.

Heat sealing means that bags without special holes or euroslots can be used. The strips of bags take up little more space than individual bags. For contract packing operations, this means that they can leave the factory in the same boxes in which they arrived. More generally, it means that a single stock keeping unit (SKU) can be used for attached and unattached bags.

## A versatile solution

A wide range of bag materials, including those with a heat-sealable oriented polypropylene (OPP) film, PET or nylon as the outer layer, can be handled within the Ishida SPA range.

The length of strips and the number of bags per strip can be varied without limits, apart from those imposed by weight (600g per strip, 100g per bag). With a simple change of parts, bag widths can vary from 50 to 203mm. Lengths can range between 60 and 280mm.

## Smaller carbon footprint

The Ishida strip-tape weighs 75% less than conventional clip strip systems, reducing transport fuel expenditure and overall environmental impact.

### Ishida Europe Limited

11 Kettles Wood Drive  
Woodgate Business Park  
Birmingham B32 3DB  
United Kingdom  
Tel: +44 (0)121 607 7700  
Fax: +44 (0)121 607 7666  
[info@ishidaeurope.com](mailto:info@ishidaeurope.com)

### Ishida Czech Republic

Tel: +420 317 844 059  
Fax: +420 317 844 052  
[info@ishidaeurope.cz](mailto:info@ishidaeurope.cz)

### Ishida France

Tel: +33 (0)1 48 63 83 83  
Fax: +33 (0)1 48 63 24 29  
[info@ishidaeurope.fr](mailto:info@ishidaeurope.fr)

### Ishida Germany

Tel: +49 (0)791 945 160  
Fax: +49 (0)791 945 1699  
[info@ishida.de](mailto:info@ishida.de)

### Ishida Middle East

Tel: +971 (0)4 299 1933  
Fax: +971 (0)4 299 1955  
[ishida@ishida.ae](mailto:ishida@ishida.ae)

### Ishida Netherlands

Tel: +31 (0)499 39 3675  
Fax: +31 (0)499 39 1887  
[info@ishida.nl](mailto:info@ishida.nl)

### Ishida Romania

Tel: +40 (0)21 589 73 52  
Fax: +40 (0)21 310 34 22  
[info@ishidaeurope.ro](mailto:info@ishidaeurope.ro)

### Ishida Russia and CIS

Tel: +7 499 272 05 36  
Fax: +7 499 272 05 37  
[info@ishidaeurope.ru](mailto:info@ishidaeurope.ru)

### Ishida South Africa

Tel: +27 (0)11 976 2010  
Fax: +27 (0)11 976 2012  
[info@ishida.co.za](mailto:info@ishida.co.za)

### Ishida Switzerland

Tel: +41 (0)41 799 7999  
Fax: +41 (0)41 790 3927  
[info@ishida.ch](mailto:info@ishida.ch)



Hang-strips can rival shelf-space when it comes to promotion

Bags are easy to detach and re-attach

No holes or Euroslocs are needed, avoiding expensive extra steps

The same SKU can accommodate bags before and after loading onto tape