

# ASTRO-A-NS23

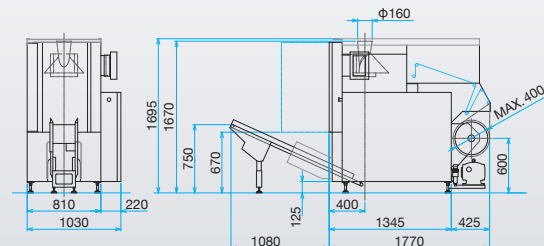
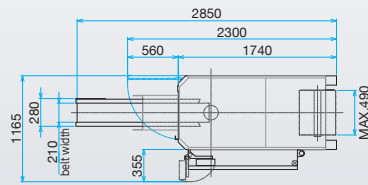
Affordable snack packaging solutions for improved profitability

If you need to improve profitability from your production line, it's a sure first step to achieving higher levels of efficiency and profitability with ASTRO-A.

- Stable sealing quality with proven packaging technology
- Packaging speed increases up to 100 bpm, which is 20% faster than conventional models
- 10.1 inch touch screen with graphical icons for intuitive machine interface
- Simple and user-friendly operation



Dimensions (mm)



Specifications		ASTRO-A-NS23-PH(HB)-**SNR(L)-AAN	
Packaging Speed*1		Up to 100bpm	
Bag Size	Width*2	100-230mm	
	Length	70-350mm	
Film Size*3		W 490 mm x φ400 mm Inner diameter of roll core: 75mm	
Main Body	Weight	750kg	
	Materials	Painted steel	
Human Machine Interface		10.1 inch color LCD display	
Structure of Body		IP30 (International standard)	
Number of Presets		500	
Utilities	Air	0.5-1MPa 75NL/min (ANR)	
	Power	Wattage	5.5kW 17.5A
		Voltage	AC200-208V/220V, 230V, 240V/380V, 400V, 415V/440V, 460V, 480V (Built-in transformer will be needed for 230V-480V) 50/60Hz 3 phases
Operational Temperature		0-40 degreeC (30-70% RH without condensation)	

\*1 Running speed is subject to change depending upon the product, product volume, packing material and in-feed condition of the product.

\*2 75-230mm wide bag is available as optional feature.

\*3 Maximum film roll weight is 40kg or less. When the packing speed is 100bpm, it needs to be 0.65kg/m<sup>2</sup> or less.

# ASTRO-A series Features and Benefits

Ishida is recognised world-wide as a leader in snacks packaging line equipment. If you're looking to reduce product giveaway and ensure consistency of pack weight at an affordable value the Ishida's bagmaker solutions can meet your expectations.

## High-Speed and Stable Packaging

ASTRO-A series with intermittent jaw motion achieve a speed of up to 100 bags/min with an excellent bag and seal quality thanks to the cutting edge packaging motion technology brought by the upgraded control platform. High-speed and stable packaging operation improves your productivity.

The servomotor incorporated in the side seal area ensures the optimum seal pressure, seal time and seal temperature for each film. These parameters can be set and programmed simply and easily with the HMI.



Film flow control

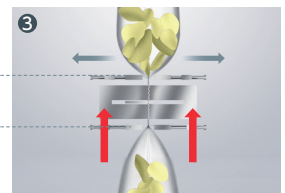
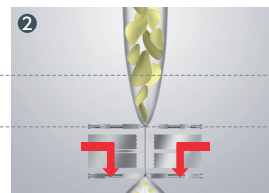
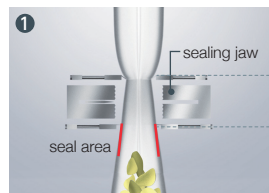


10.1" HMI

## Improving Product Quality

The servomotor control ensures stable film feeding and product-in-seal detection at the jaws eliminates defective seal products ship out from a facility. Optional stripping plates reduce product in seal by clearing products from seal area. Also, blousing motion during the sealing enables the product is settled into the bottom of the bag by pushing up the bag and widening its space.

### Product stripping and blousing motion

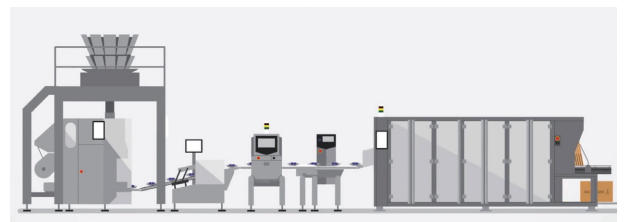


Stripping plates close and sealing jaws move downward

Sealing jaws move upward for blousing

## Combine with Ishida Weighing for Optimised Results

Ishida offers fully integrated, single manufacturer multihead weigher and bagmaker combinations for snacks. Years of experience with both machines have enabled Ishida to optimise the physical and electronic interfaces to enhance speed and reduce weight spread. Equally important, one company takes full responsibility for the performance of the combination.



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