



HEAT AND CONTROL®



ISHIDA® INSPIRA

VFFS Snack Food Bagmaker

EFFICIENT, OPERATOR-
FRIENDLY, AND FLEXIBLE
SNACK BAGMAKER

www.heatandcontrol.com



A GLOBAL REPUTATION

Ishida, recognized as a dominant bagmaker manufacturer in the high-speed operation range with their industry leading Atlas series, continues to break ground with their Inspira Snack Bagmaker VFFS (Inspira) series. The result of extensive research and development, Inspira is the next evolution of vertical form fill seal (VFFS) bagmakers and further improves accuracy, sealing integrity, ease of use, and productivity. Inspira brings a new level of automation and efficiency, reducing the opportunity for human error, helping to consistently produce quality bags, and increasing production.



EFFICIENT

The rotary motion Inspira offers a consistent, market-leading forming/sealing performance of up to 200 bags/min. Performance has been improved 10-fold by the introduction of new motor and drive technology which improves positional jaw control at the point of sealing.

Automated Functions:

- Automated centering and tension adjustment of the film and positioning of the former-rollers
- Automated air-fill technology (with Ishida Thickness Seal Checker [TSC])
- Automatic optimization of nitrogen flow

To maximize efficiency, operators can alter a preset to bring all integrated Ishida equipment automatically into line, resulting in even faster changeovers.

FLEXIBLE

With increased flavor and portion demands from the consumer market, product runs can be shorter, making changeover time a bigger factor. Inspira is a fast, stable, and precise snack bagmaker, perfect for any type of laminated film from thick to thin.

- Bag sizes: Increase in options (70mm minimum bag width)
- Film reel weights: Increase in options (50kg maximum)
- Presets: 500 presets available for programming “instant” product or film changes

OPERATOR FRIENDLY

Inspira helps operators to act and to react more quickly and intuitively and to avoid complex decision-making and unnecessary physical exertion. The open structure gives operators easy access to all important parts.

- Ergonomic, improved machine accessibility for operation and maintenance; stainless steel construction
- Easier operation, simpler controls, and predictive maintenance
- Simpler “finger-safe” loading of film reel and film feed, with fewer rollers
- Improved control of mechanical functions, fewer adjustments needed to maintain performance



The large 15.3” touchscreen, with its familiar, icon-based presentation, offers intelligent visual management with clear event communication and is designed to improve operator productivity.



LED lighting within the splicing table makes the operator’s task easier by allowing the quick and precise location of the registration mark needed to achieve an accurate film splice.

ISHIDA INSPIRA

VFFS Snack Food Bagmaker

Another key element in the overall system is Ishida's Thickness Seal Checker (TSC). Utilizing smart communications to the ACP-700 case packer and feedback communications to the Inspira bagmaker, the TSC continuously monitors and compares bags to the targeted value so the ACP-700 can automatically optimize the machine operation appropriately. This maximizes cooperation and delivers stable operation.

Achieve high performance snack food packaging with Ishida snack packaging solutions:

- High speed multihead weigher (CCW Series)
- Vertical form fill seal (VFFS) snack food bagmaker (Inspira/Atlas)
- Thickness Seal Checker (TSC)
- Checkweigher (DACS)
- Case packer (ACP-700)



The snack industry can rely on Ishida's high quality and performance coupled with Heat and Control's complete support and expertise.