



HEAT AND CONTROL®

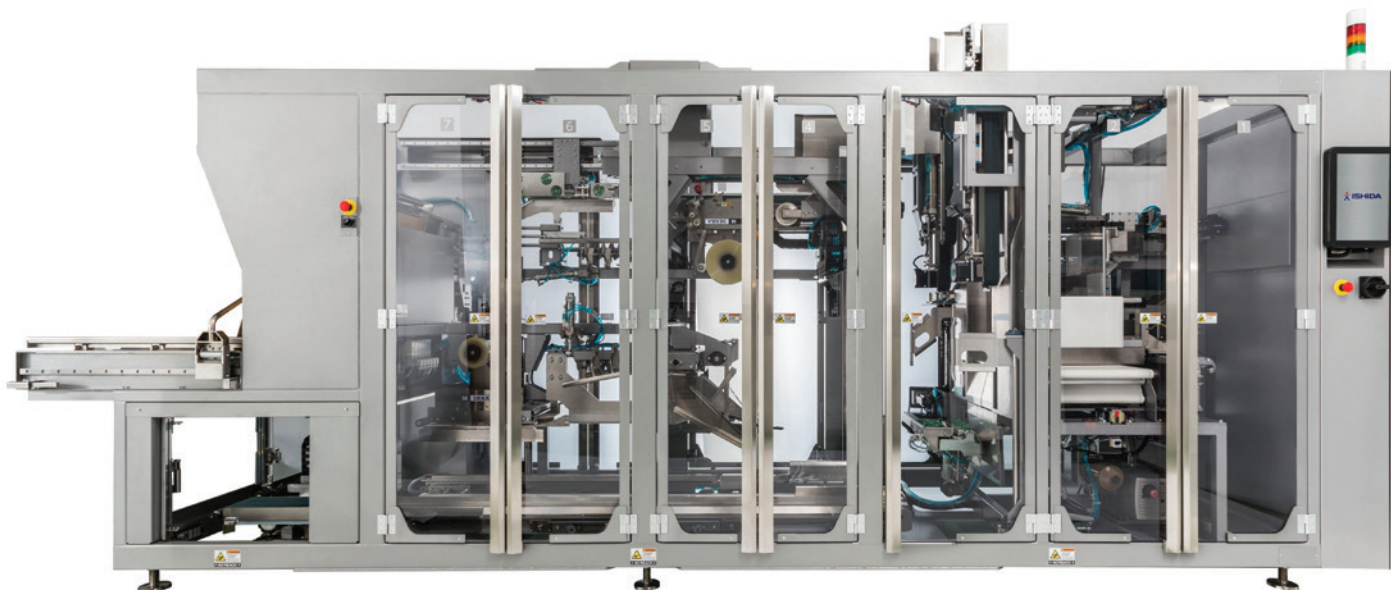
ISHIDA

ISHIDA® ACP-700

Automated Snack Food Case Packer

RELIABLE, EFFICIENT, AND
FLEXIBLE SNACK FOOD
CASE PACKING

www.heatandcontrol.com



AUTOMATING SNACK FOOD CASE PACKING

Today's consumers have busier lifestyles, causing many of them to replace standard meals with snacking options. To address this trend, many snack manufacturers are offering a wider variety of flavors and portion sizes, so product runs can sometimes be shorter, making changeover time a bigger factor. Coupling this trend with the growing difficulty in sourcing a dependable and skilled work force, many snack manufacturers are turning toward automation.

Beyond eliminating labor uncertainty, automated case packers are much more efficient and reliable than manual packers, so incorrect bag count in the case and waste from damaged product during packing are no longer significant issues.

The Ishida Case Packer ACP-700 ("Case Packer") is a compact case packer that can be set-up in an existing or a small space, making it an easy option for customers who are looking to automate the process. This fully automatic system provides accurate case-packing of mass-produced products, with a capacity for boxing up to 150 packages/10 cases a minute.

RELIABLE

Industry leader Ishida offers high quality and performance, is a world leader in food processing technology, and offers training, complete support, and expertise through Heat and Control®. The Case Packer uses vacuum-free bag handling, eliminating unreliable and ineffective bag handling and minimizing production downtime.



EFFICIENT

The Case Packer automates the changeover process, not just the packing process. Changeovers take just 3-minutes and occur automatically by selecting one of 500 desired presets via an intuitive human-machine interface (HMI). With the automatic adjustment feature, an operator can easily change the bag size or bag count per row or row per case by setting the value directly into the HMI on the large color display. All bags are counted by sensor and aligned accurately in the erected box. Also, timing values and mechanical settings are automatically adjusted, and changeovers do not require tools or change parts. Case Packer's efficiency directly and significantly improves production output.



FLEXIBLE

Case Packer can pack small and large pillow style bags, standup major, standup minor, side pack, as well as multiple pack patterns within the case. All functions for case packing, such as case erecting, bag sorting/packing, and case closing, are fully integrated, and no additional conveyor for interfacing with other equipment is required. This integration offers controlled case and bag handling and returns on floor space and cost. Also, it seamlessly integrates with other Ishida packaging equipment for leveraged automation.



EFFICIENCY | ACCURACY | INTEGRATION

Reliable

- Ishida quality and performance
- Heat and Control support and expertise
- Vacuum-free bag handling

Efficient

- Automatic touchscreen adjustment for changeovers in 3 min.
- Large color 15.3" display
- Toolless changeover and zero change parts

Flexible

- Multiple pack patterns and bag types
- Case erector and closure system included
- Smallest footprint on the market

Smart

- Communication controls with other Ishida packaging equipment, helps to achieve combined synergies and performance: weigher + bagmaker + seal checker + casepacker
- Case Packer adjustments by feeding forward
- Packaging adjustments by feeding backward

ISHIDA ACP-700

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Another key element in the overall system is Ishida's Thickness Seal Checker (TSC). Utilizing smart communications to the ACP-700 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 helps to maximize cooperation and to deliver stable operation.

Snack manufacturers can now realize the benefits of more efficient and dependable case packing for small and large bag sizes and of multiple pack patterns with a machine that has one of the industry's smallest footprints.

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 (Atlas/Inspira)
- 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.