ACP-700 series

High speed, complete case packing solution




ISHIDA
ISHIDA

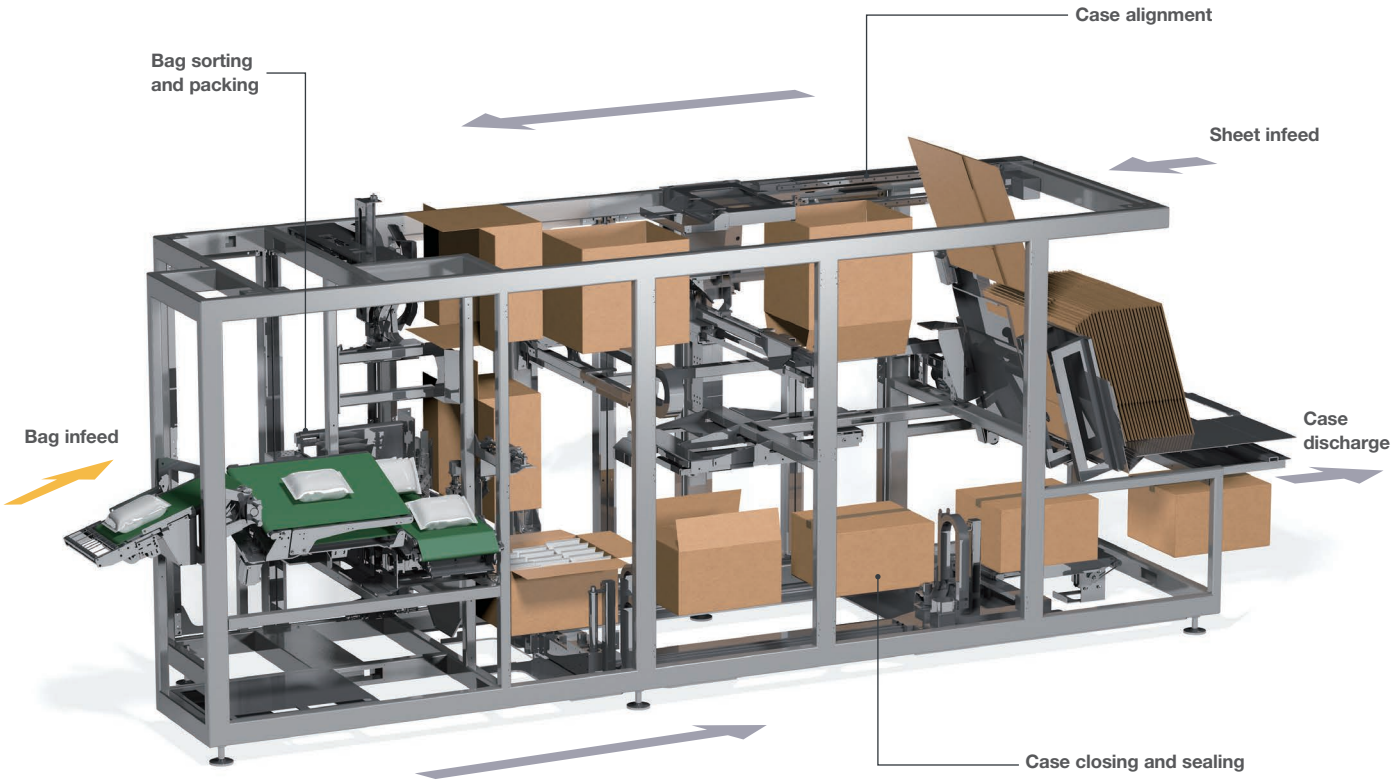
ACP-700 series

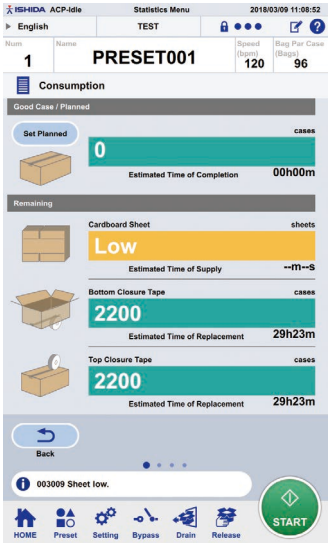
ACP-701 series

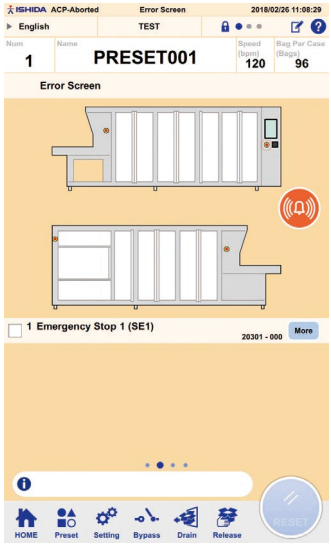
All-in-one case packer for superior performance

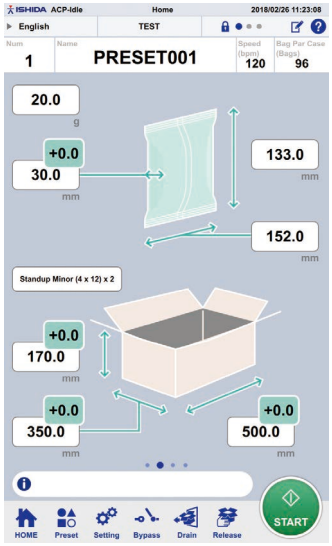
Presenting the next generation in casepacking.

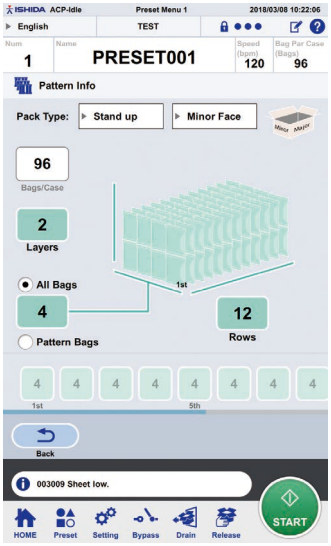
The ACP-701 is a fully automated system based on Ishida's vast experience in the snack foods sector around the world. The ACP-701 combines case packing, case alignment, bag packing, sorting, closing, and sealing in one machine, for a wide range of bag sizes, case sizes, and pack patterns.











A compact system for the highest efficiency from one single supplier

Case aligning and closing mechanisms are fully integrated, removing the need for additional conveyors and thereby creating an all-in-one case packing solution.

- The small footprint enables easy installation and integration into your existing production line
- Accommodates twin layout solutions
- Optimal design for industry-standard infeed centreline of 920mm

Fully automated changeovers

Preset options allow for the machine to be automatically set up in 3 minutes, without the need for tools or any other manual operation.

This simple changeover function eliminates complications that can happen with manually operated alternatives, such as machine faults, human errors and excessive downtime.

Easy operation and maintenance

15.3” large colour HMI displays easy to use menus for monitoring machines at a glance. The intuitive screen design reduces the opportunity for human error, with on-screen set up guides for all functions available.

The open machine structure has wide-set doors and in-machine lighting, making all parts of the system easy to access and visible at all times during operation and maintenance.

In-process monitoring allows for operators to assess production efficiency and maximise output as much as possible.

Wide variety of pack sizes, format and style

Optimal performance for a wide range of global packaging requirements

As the industry-leading universal case packer, the ACP-701 can offer case packing for bag sizes of 108mm - 330mm width with many bag type, including pillow, side gusset, flat bottom, HEM, and different pack patterns without changing parts. By setting case size and bag size in the HMI, appropriate time values and mechanical settings are automatically selected. Up to 500 presets are available.

Quality Assurance

The seal checker checks for defective packs, for example gross leakers and over or under inflated packs.

The ACP-701 inline monitoring function counts packs to ensure the correct case count in every case.

The ACP-701 receives pack air-fill data directly from the Ishida seal checker making instant adjustments to ensure reliable pack handling.

Full integration with your complete production line

The ACP-701 is designed fully compatible with the Ishida product range. As part of a full solution, producers can vastly increase efficiencies and reduce downtime with the case packer in combination with Ishida multihead weighers and bagmakers. Due to interfacing capabilities in Ishida equipment, operators can easily monitor the entire production line and ensure maximal output and performance.



Standup Major



Standup Minor

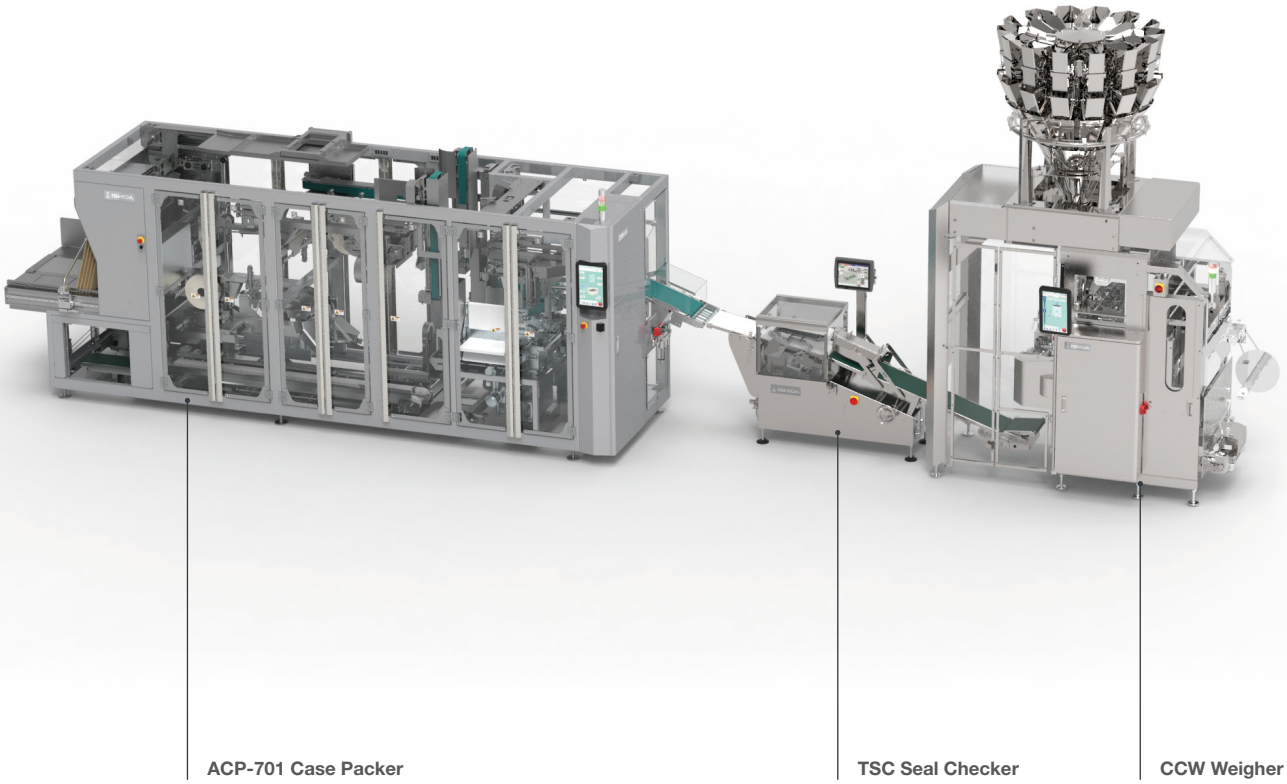


Multiple Layer



Side pack* option

ACP-701 Case Packer



ACP-701 Case Packer

TSC Seal Checker

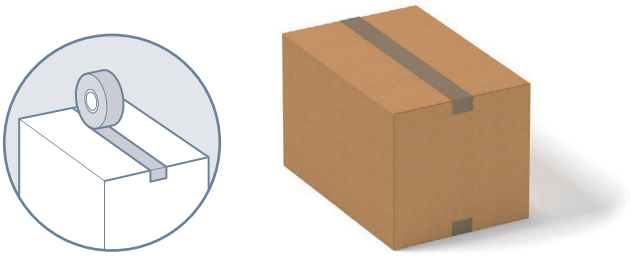
CCW Weigher
INSPIRA Bagmaker

ACP-701 Case Closing Variation

ACP-701 TT (Standard)

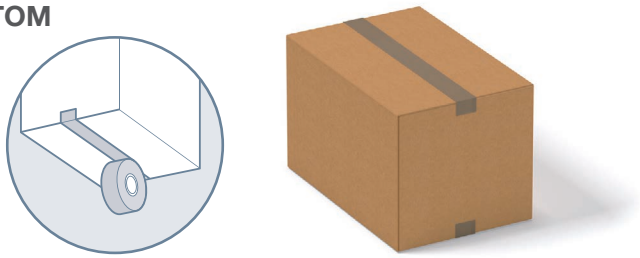
High Performance Productivity
The case is closed with tape accurately, guaranteeing effective top and bottom sealing. ACP-701 monitors tape failures based on comparison between expected amount of tape usage and actual usage.

TOP



Tape

BOTTOM



Tape

ACP-701 PTST (Option)

Eco-friendly and cost reduction variation
Able to run tape case and push lock/slide lock case, which will not require tape to close case, in one machine.

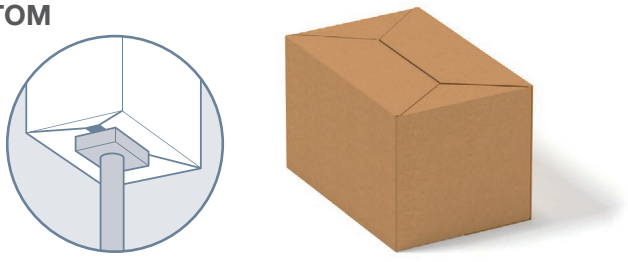
* Also run case with tape closing

TOP



Slide lock

BOTTOM



Push lock

ACP-711 Load Only

Able to pack the pillow bag product to various types of cardboard case

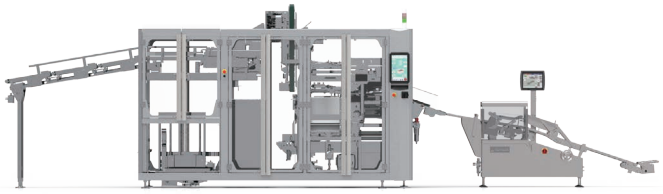
Load only features automatic bag loading for customers who already have case erecting/case closing machines or hand erect and hand close cases in their factory and producing a variety of case types.

Compact size frame and flexible layout

Small machine footprint enables the installation in space limited factories. Easy to layout with case erecting/case closing machines.

Common features with ACP-701

- By installing with seal checker, feed forward feature is available to optimize bag handling.
- High speed packing
- Flexible pack pattern
- Full-automatic change over



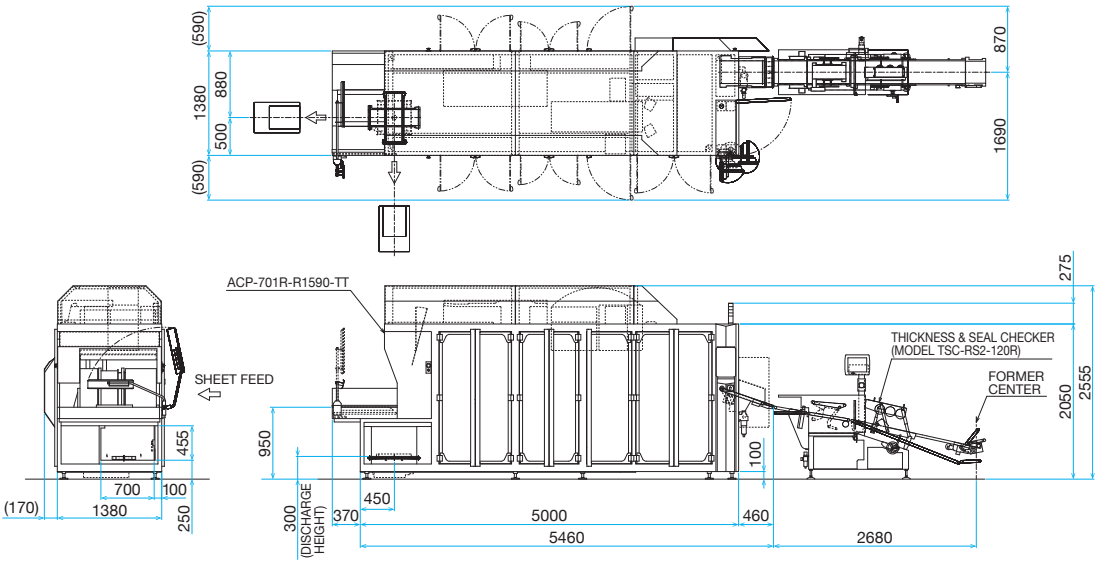
ACP-711 Load Only TSC Seal Checker



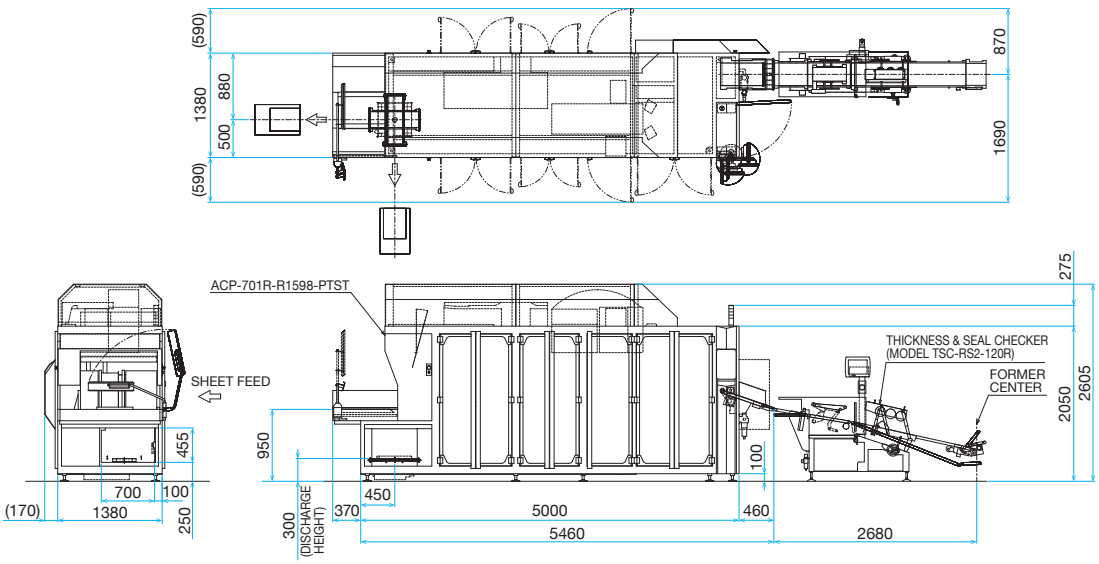
Technical specification

Dimentions * The drawings are only for reference

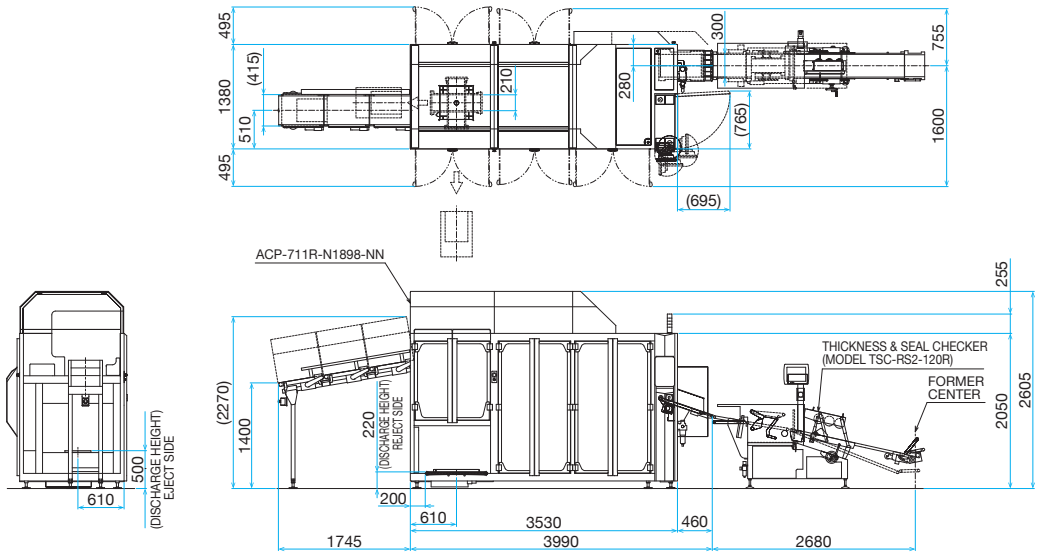
ACP-701R-R1590-TT



ACP-701R-R1598-PTST



ACP-711R-N1898-NN



		ACP-701R-R1590-TT	ACP-701R-R1598-PTST	ACP-711R-N1898-NN
Performance				
Speed*1		10case/min, 150bpm	6case/min (PS) , 8case/min (TT) , 150bpm	10case/min, 150bpm
Bag Sizes*2	Width	108mm - 330mm		
	Length	Stand Up: 120mm - 375mm, Side Pack: 120mm - 400mm*3		
	Thickness	22.5mm - 120mm		
Case Size*4	Width	300mm - 400mm	300mm - 415mm	300mm - 415mm
	Length	400mm - 600mm	400mm - 620mm	400mm - 620mm
	Height	125mm - 375mm	125mm - 381mm	145mm - 381mm
	Flap Length	150mm - 200mm	150mm - 207.5mm	150mm - 207.5mm
Tape*5	Width	48mm		-
	Core Diameter	Max 300mm		-
Pack Pattern*6		Stand-Up Major/Minor, Side-Pack Major/Minor*3		
		Number of rows: Up to 15, Number of layer: Up to 3		
Specification				
Power Supply		Three Phase 380, 400, 415, 440, 480V		
		Electricity Consumption: 8kW 17A (480V 50/60Hz)		
Air Consumption		550litres/min (ANR) (10case/min)	425litres/min (ANR) (8case/min [TT])	440litres/min (ANR) (10case/min)
Machine Weight		Approx. 3500kg		Approx. 3000kg
Structure		IP-30 (International Standard)		
Material		Main Frame Powder Coated steel		
Regulation		CE RoHS IEC61131-3 (PLC regulation)		RoHS IEC61131-3 (PLC regulation)

*1) Running speed will depend on the bag and case size, sheet strength, sheet dimension tolerance, film material, pack pattern, case printer, case turning function on case discharge conveyor.
*2) Running condition will depend on bag speed, case size, pack pattern, bag weight and product type/volume. Ratio of bag width, length and air fill also affect the running condition.
*3) Side Pack: Optional
*4) Case diameter tolerance is ± 5mm
*5) Tape spec is same spec as Intertape 7100 (8100)
*6) Max bag count, row number, layer number will rely on bag/case size and speed. Not available to have Stand-Up packing in one preset. When running multiple layers, the bag count for each row will be duplicated in each layer and cannot differ.

Working with you every step of the way

Our extensive R&D investment is directed at meeting the challenges of the fast-changing food industry around the globe.

We aim to support our partners fully, from the very start of the buying process, and you will find many equipment brochures, visual animations and case studies available on our website. When you are ready to make contact, a well-resourced network of Ishida companies, distributors and agents, extending across the world, can provide advice and organise demonstrations and trials.

Installation is rapid and efficient. For integrated packing lines, we use proven project management techniques and methodologies, tuned to your key objectives and specifications.

A dedicated service engineering team helps to maximise the performance, functionality and reliability of our installed base. In addition, spares facilities are strategically placed throughout the territory, offering 24-hour delivery in most cases.









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ISHIDA

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