

Specifications		
Model		TSC-RS-120
Inspection speed*		Max. 150bpm
Bag Inspection	Length	100 - 650mm
	Width	50 - 330mm
Range**	Thickness	15 - 123mm
Inspection Accuracy*		Pinhole: 3mm (at 150bpm)
Minimum Thickness Graduation		0.01mm
Display Language		Multiple (7 languages)
Preset Numbers		Max. 200
Construction		IP-30
Material and Finish		Painted steel and aluminium
Dimension		2795mm (L) x 655mm (W)
		Former center to reject conveyor: 2670mm Reject height: 890mm ± 40mm
Machine Weight		Approx. 283kg (with RCU)

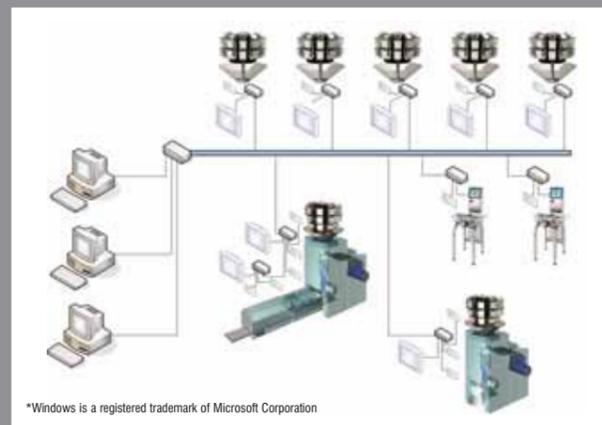
*Varies by product shape and condition.
**Varies by inspection speed.

iTPS Integration



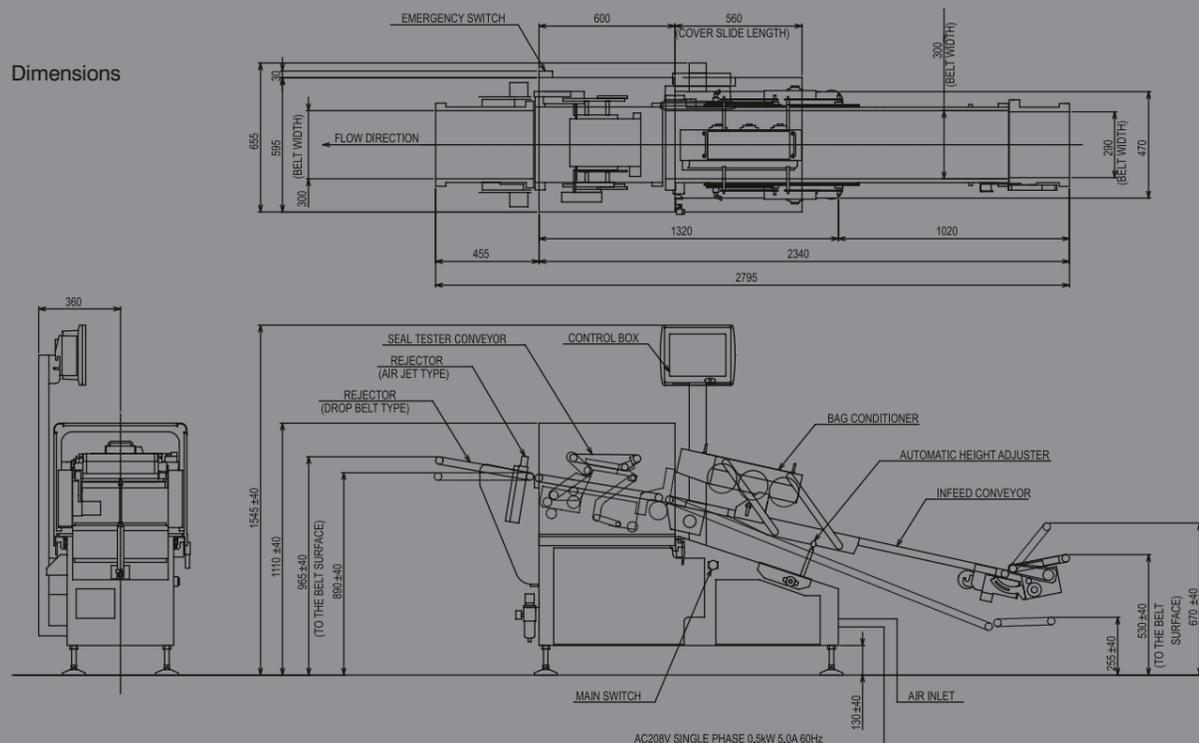
Expanding seal tester performance with network capability

The Ishida Total Packaging System (iTPS) network integrates the TSC-RS Seal Tester and other Ishida equipment into an Ethernet network, and exchanges the data using a Windows® based PC via OPC or DDE service technology. Current and historical production data can be easily shared with this network capability.



*Windows is a registered trademark of Microsoft Corporation

Dimensions



TSC-RS

High performance in-line seal tester



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TSC-RS Seal Tester

Accurate in-line leak detection, gentle bag handling, and user-friendly operation deliver superior quality control on high-speed packaging lines up to 150 bags per minute. Ishida's state-of-the-art technology precisely checks bags up to 120mm thick and up to 330mm wide.

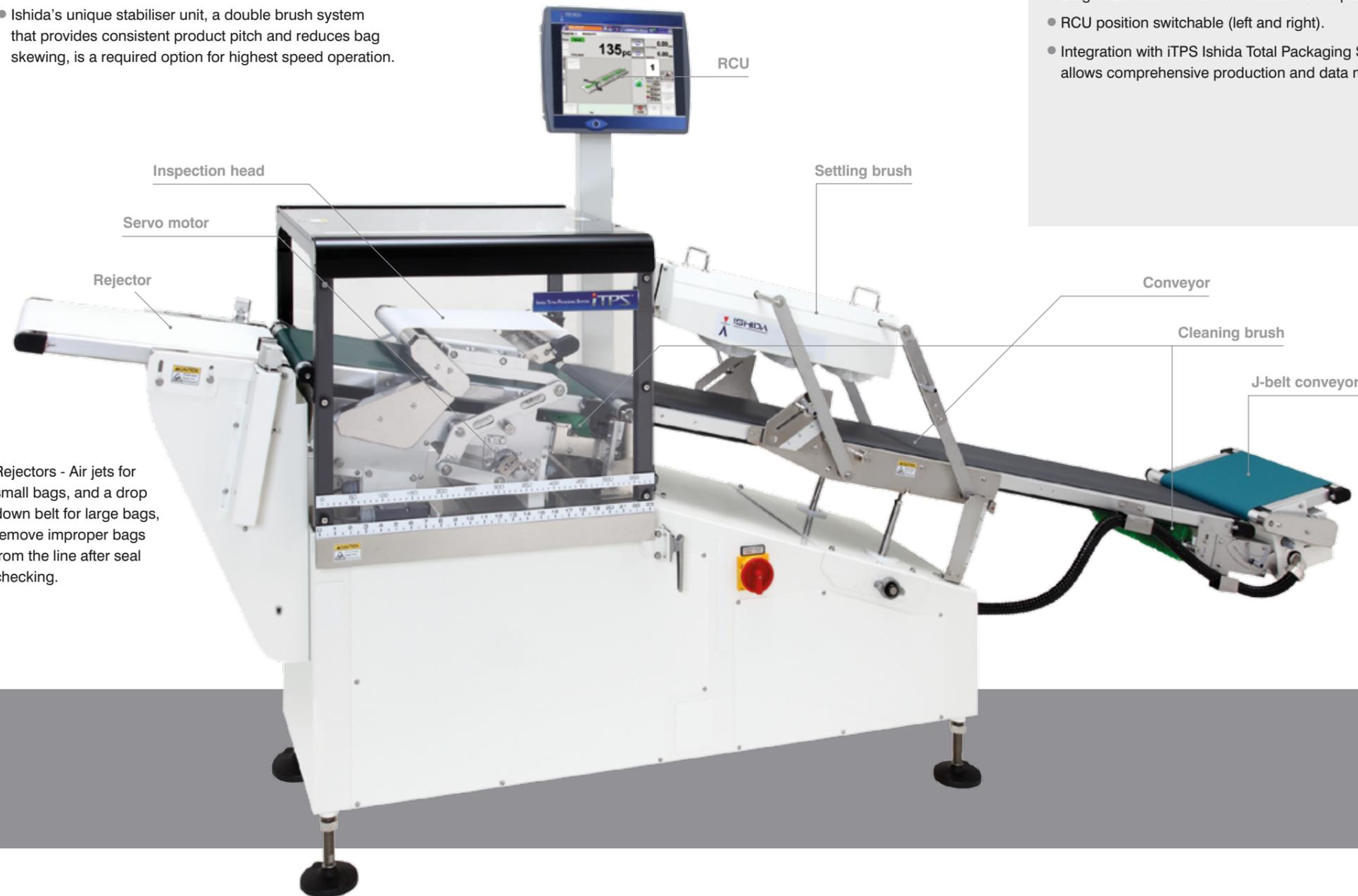
Ishida's proprietary feedback control system insures that the servo operated inspection head applies optimum pressure on the bag for precise seal checking, maximising performance and preventing product damage.

Smooth supply of bags

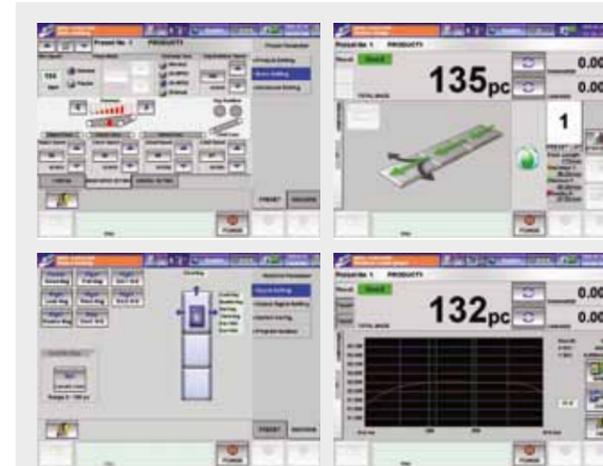
- Bag settling brushes provide gentle agitation to smooth bags before entering the inspection area. The height and angle of brushes are easily repositioned to suit bag thickness.
- A J-belt conveyor with adjustable belt speed precisely controls the pitch of bags for stable transition of product onto the conveyor.
- Adjustable infeed conveyor minimizes drop distance of bags into the unit.
- Ishida's unique stabiliser unit, a double brush system that provides consistent product pitch and reduces bag skewing, is a required option for highest speed operation.

Precise inspection

- Servo motor control allows optimum adjustment of inspection head pressure on the bags for greater leak detection accuracy.
- Inspection plate is made of mesh material to insure proper detection of improper back seals.
- An optional pre-rejector detects and air-rejects double and other improper bags from the line before entering the inspection area.



Rejectors - Air jets for small bags, and a drop down belt for large bags, remove improper bags from the line after seal checking.



User-friendly and flexibility

- Large 12.1 inch colour RCU touch screen panel.
- RCU position switchable (left and right).
- Integration with iTPS Ishida Total Packaging System allows comprehensive production and data management.



Hygienic design

- The inspection head lifts easily out of the way, creating full open access for cleaning and maintenance.
- Detachable bag settling brushes simplify clean-up procedures.
- Cleaning brushes under the infeed and inspection conveyors remove product particles and prevent product accumulation.
- The slide-type inspection cover is easy to open, even in small spaces.

Options

- Data printer provides hard copy recording of preset parameters and performance data.
- Camera loads product photos onto RCU's operation screen to help operators select the correct product preset.

TSC-RS