

Excellence in Food Packaging Automation



Jenton *ariana*

Ariana became part of the Jenton Group in 2005. Jenton Ariana are specialists in food packaging automation including convergers, seal testers, stackers, pad placers and line control.

Jenton Ariana equipment works in line, at high speed, with rollstock thermoformers and tray top sealers. 2/3 and 2/3/4 lane switchable convergers are available. Random infeed and wet products can be accommodated. Stackers can stack for banding or batching. Jenton Ariana understands that line length = cost. Systems are compact and easy to use and maintain.

Jenton Ariana offers bespoke design possibilities, whether customers are retail, manufacturing or production orientated. Our design team is always ready to discuss your application. All our products started life as a solution to someone's problem.

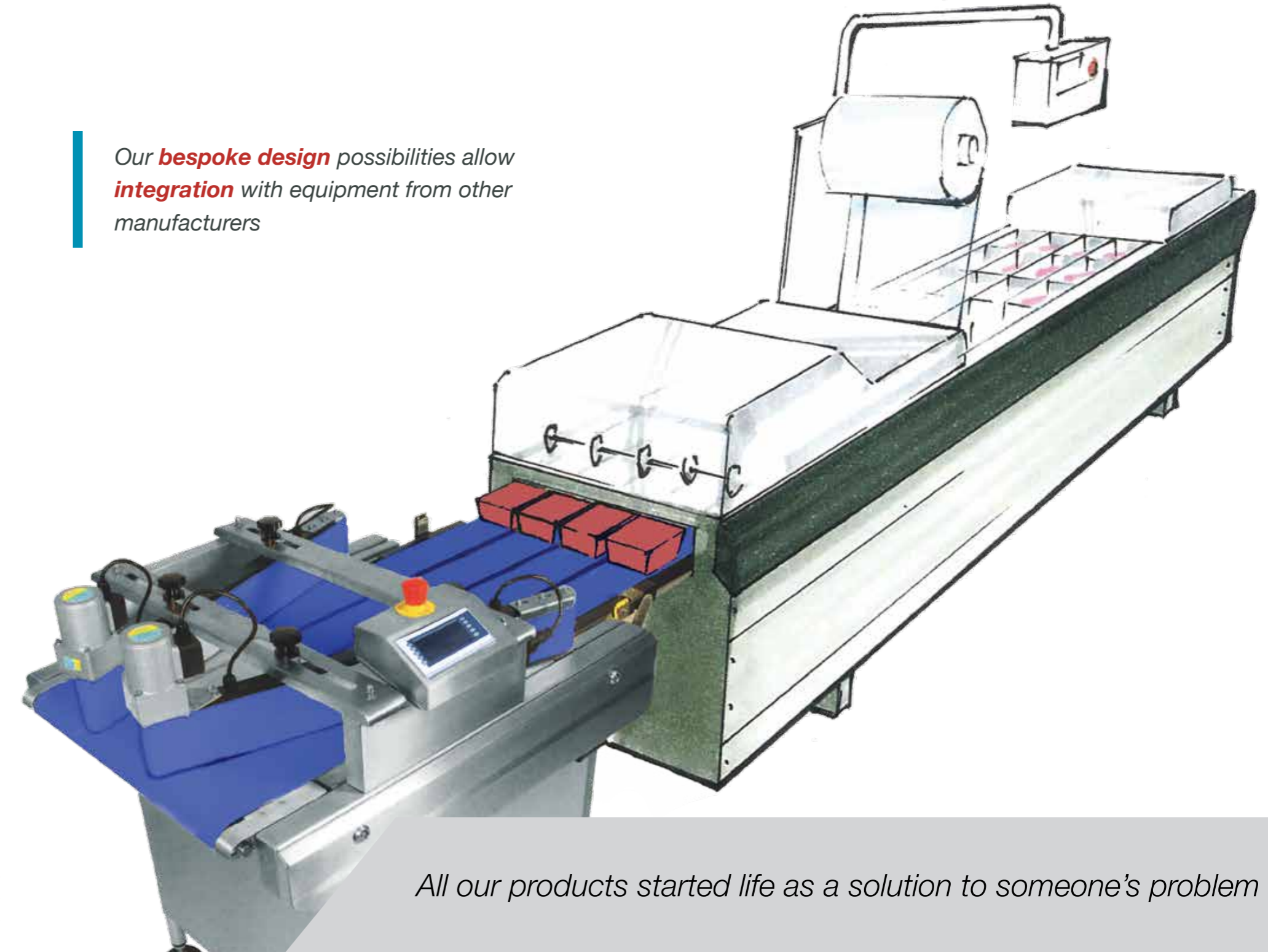
Jenton is a ISO 9001 company. All machines are designed and manufactured at our facilities in Hampshire, England to the highest professional standards using food grade materials.

Food packaging automation including convergers, seal testers, stackers, pad placers and line control

Jenton Ariana manufacture a wide variety of automatic stacking systems



Our **bespoke design** possibilities allow **integration** with equipment from other manufacturers



All our products started life as a solution to someone's problem

Automatic Seal Tester and Converger



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Fast and accurate

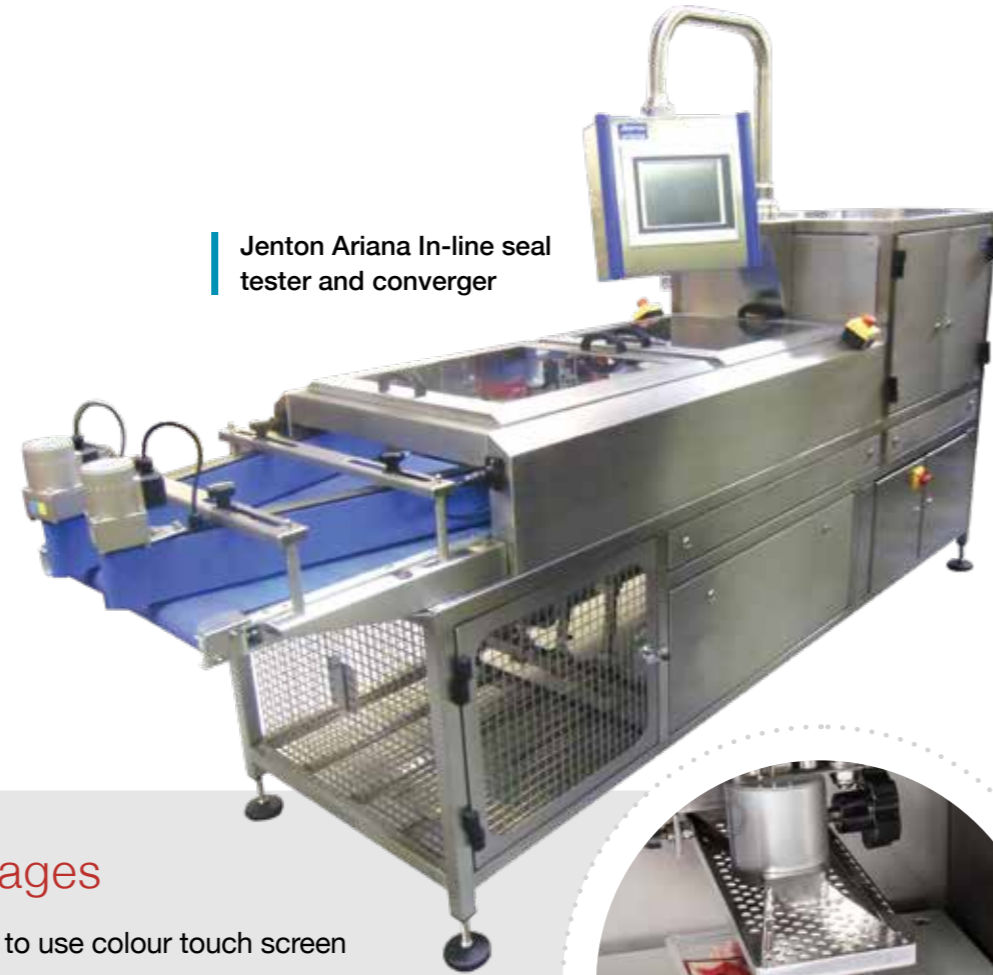
This pressure plate based system can be used as part of the production process to test packs with a gas or air headspace for leaks and also ensure accurate pack heights for final packaging. The system is able to test packs from thermoformers running at up to 15 cycles per minute or 180 packs per minute from a tray sealer. Every pack is tested then most importantly, it only rejects faulty packs NOT the whole format.

The seal tester tests gas flushed MAP/CAP packs for leaks, over-gas and under-gas. 100% of packs are tested and faulty packs are rejected into a separate bin whilst the good packs are converged into a single line.

Alarms can be raised on the above faults and also on SPC data, such as the same pack in the format failing each time – possibly indicating fault location.

Rejected packs remain in high care so can be repacked saving CO2.

Jenton Ariana In-line seal tester and converger



The Jenton Ariana seal tester not only tests for seal faults but also over-gas and under-gas

Advantages

- Large, easy to use colour touch screen
- Simple new pack setup
- Easy to maintain including rapid belt change
- Up to IP67 protection
- Recipes of different packs stored for instant setup



Features

- Tests up to 180 packs per minute
- Will not slow thermoformer down at 15 cycles per minute
- Detects seal faults (equivalent to pin hole <0.3mm)
- Tests for under and over gas
- Rejects single leaking packs only
- Rejected packs are fed into a lockable bin
- Converges goods for metal detection, checkweighing etc.

Benefits

- Practically eliminates shipping leaking packs
- Maintains sell by dates
- Will not slow down production line speed
- Removes need for extra converger / singlizer
- Helps maintain optimum pack gas fill
- No need for manual pack testing
- Provides statistical information on pack failure for statistical production monitoring



Test up to 180 packs per minute