



Sustainable bundling and labeling
of convenience foods and fresh produce

CHALLENGES

The packaging requirements of convenience food products and fresh produce:

Efficient bundling & labeling

In the fast-paced food industry, efficiency and sustainability play a large role in packaging and labeling decisions made by producers and retailers. Food packaging and labeling is driven by the FDA, USDA and consumer trends. Therefore, packaging should be clean, attractive to the customer and safe for our planet. In the case of tray-packed foods or clamshells, manufacturers want to protect the product, and include branding, nutrition facts, bar codes and expiration dates in as few steps as possible. When it comes to fresh produce, they need to be bundled carefully, with food safe materials that clearly label the product. The speed of the food industry requires efficient, easy-to-handle solutions that decrease waste and increase throughput.



Food bundling and labeling solutions should:

- Be hygienic
- Be the ever-present silent salesperson
- Be flexible and efficient to maximize food freshness
- Have clean labels (bar codes, PLU #s, logos, nutrition facts, etc.)
- Transport products more securely and put them into stock quickly with less need for sharp tools
- Have curb appeal
- Shelf Ready Packaging

The sustainable, efficiency-enhancing ATS solution:

Labeling and bundling with a preprinted band

For **clamshells/tray-packed** food products such as sushi, salads, dried meats or fresh berries, The ATS banding system accomplishes 3 steps in just 1 solution.

Beneficial 3 Steps in 1:

- Tamperproof tray
- Brand and other information is on the one band (preprinted data)
- Expiration date and nutrition facts are printed on one band (variable data)



For bundling **multipacks** for club-stores like Walmart, Sam's Club and Costco, banding becomes bundling and labeling rolled into 1.

Benefits Include:

- The band requires minimal material, is environmentally friendly, and an effective advertising tool
- Prices and codes can appear on preprinted material or be printed daily with a thermal transfer printer
- Logistics handling is simplified

For labeling **fresh produce** such as pineapple, green onions, asparagus and artichokes, banding is an adhesive free solution that is food safe, and less labor intensive.

Benefits Include:

- No sticky residue is left behind on the products
- Increased throughput and decreased manual labor
- Preprinted band displays the brand, PLU # and/or barcode
- Replaces stickers, twist ties and rubber bands



ATS machines for food banding:

From stand-alone to automation

With immense experience in the food industry and well-founded knowledge in equipment engineering, we solve every problem through an individual solution to label and bundle food sustainably.



US-2000 Banding Machine Features

- Compact, reliable, mobile
- Numerous tension settings
- Optional print mark registration
- Various arch size and material width models
- Runs various plain and/or preprinted material

US-2000 AD-V-R

- Vertical arch best used with fresh produce
- Particularly suitable for use in humid or damp environments



US-2000 MDM-P

- Thermal transfer printer
- Prints variable data on various plain and/or preprinted material
- Print mark registration

All machines are available in stainless steel, food grade paint and powder coat

US-2000 PIC-STA

- Inline machine for stacking and banding
- Up to 2-12 products/stack
- Non-stop production due to immediate stacker
- Great for multipacks or club-packs
- Optional glue applicator for slippery product stacking
- 160 products/min



US-2000 SIB-FD

- Direct connection to high-performance upstream machinery
- 2 or 3 products/stack
- 92-98 products/min

US-2100 IBL-CB-R

- Inline labeling
- Suitable in a humid environment
- Runs 100mm or 75mm wide materials for optimal print space
- Up to 30 banding labels/min



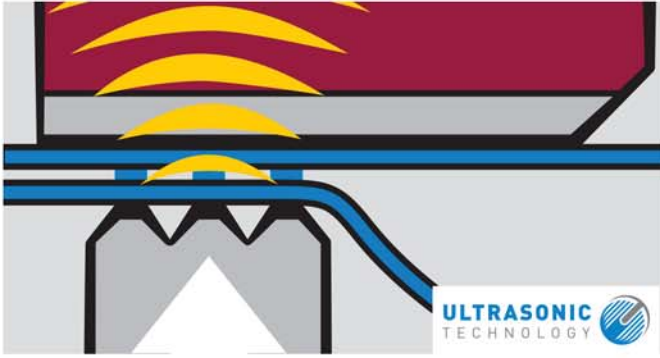
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BANDING TECHNOLOGY

Ultra-Sonic welding, edge protection, user friendly:

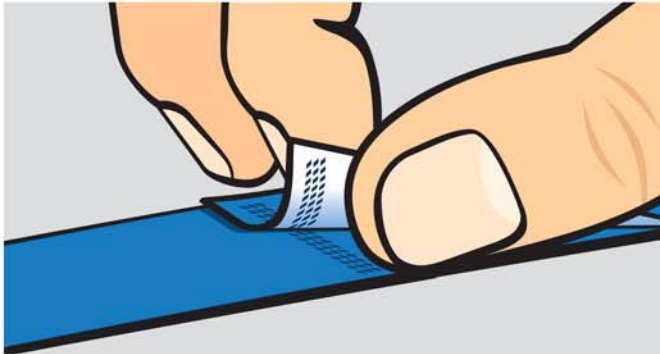
ATS banding technology

With a minimum of material, you can package products expertly, gently strap goods and bundle items while adding extra marketing value. That's banding technology in a nutshell. Find three of the many benefits below:



Ultra-Sonic cold welding

Unique from ATS: No heat generation to create tear-free welding - even when humidity, dust or cold temperatures are present. No maintenance required, clean, harmless.



Adjustable sealing strength

The adhesion strength of the sealing can be adjusted extensively, from a light "peelable" weld to a strong "tamper evident" weld.

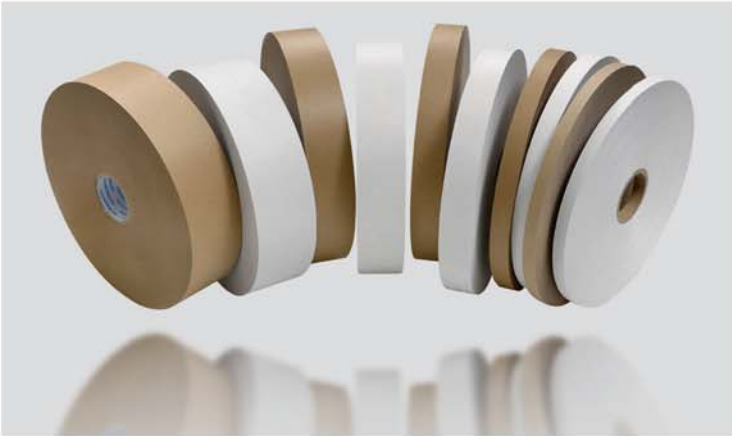


Easy-to-use digital control unit

The DCP 2000 control unit in 13 languages guarantees direct access to all of the important functions. Diagnosis and statistics tools provides cost transparency.

OVERALL PERFORMANCE

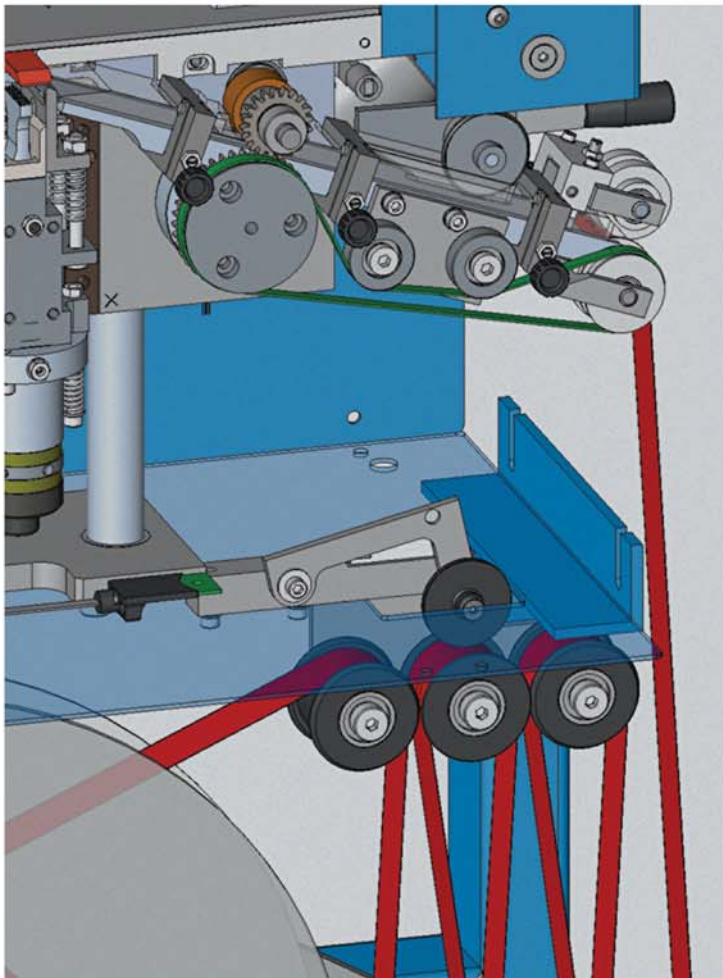
Unlimited array of materials



Coated paper banding material



All paper and plastic banding materials can be imprinted with up to 8 colors.



Machines specifically catering to the high demands of the food industry:

Special features and options include;

- Stainless steel and food safe paint options
- Suitable models for humid or wet environments
- Adhesive free
- No use of heat
- Digital controls
- Print mark registration
- High-quality, food safe banding material
- Variable data printing options
 - Barcodes
 - Expiration dates
 - Nutrition facts
 - PLU#s
- Customized sustainable solutions

OVERALL PERFORMANCE

SWISS  MADE



You can find ATS subsidiaries and national representatives on all five continents at ats-tanner.com.

“ATS: Swiss premium quality with worldwide success stories”

Consulting, machines, banding material and service:

The complete package



Qualified project consulting, mechanical engineering and high-quality banding material (printed and unprinted) form a harmonious unit at ATS. This formula results in individualized complete solutions, complimented by service at the highest possible level.



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