



Automated Orbital Tape Bander

TM-21A



Controls Engineering, a proven leader in quality banding equipment design and manufacturing, is proud to bring the TM-21A.

Strength & Branding

Plastic and paper tapes provide all the print and retail marketing benefits of paper bands without the need of heat sealers or ultrasonic welders; meaning higher up-times, lower operating costs and less maintenance. Industrial strength tapes provide a great alternative to traditional strapping or metal bands.

Count on the TM-21A to bring you better tape banding solutions.

Flexibility & Performance

The TM-21A is designed to run tape widths from 1" to 3" in a variety of adhesive levels from Repositionable to Permanent to Tamper Evident.

- Fast change-overs between tapes
- Full color print on a variety of tapes
- Industrial Strength Tapes

The TM-21A can be used as a standalone unit or integrated with upstream automation to ensure your line moves at maximum throughput. It's perfect for food packagers who need a solution to taping hard-to-bond cartons.

Orbital taping systems achieve incredibly secure bonds on coated cartons, even with standard tapes. Tape is applied around the carton, and secured to itself at an overlap. It's highly-effective on wax-coated cartons, recycled fibers, and virtually all other hard-to-bond materials.

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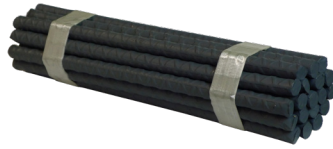
2324 Pinehurst Drive, Middleton, WI 53562 | 608-836-1164 | dan.odegard@controls-llc.com | TapeBander.com

Orbital Tape Banding

The TM-21A can quickly change between:

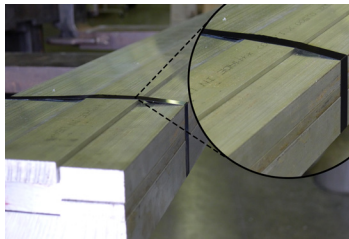
Filament Tape

Filament tapes are strong enough to secure heavy bundles and are available in different strength, filament types, and adhesive levels.



Strap Tape

Strap tape with a high shear resistance and impact strength allow this material to securely hold bundles without causing damage often seen with more rigid strap or metal bands.



Poly Tape

Carton tape can be used for closing the carton to unitizing multiple cartons for maximum shipping efficiency. Tapes can be clear or printed with logos or marketing messages.



Paper Tape

Easy to tear and a variety of adhesive levels make this ideal for a variety of bundles and products. Available in plain, kraft and printed.



Specifications/Dimensions

Bundle width	6.0" – 20.0"*
Bundle length	N/A - Pass Through Design
Bundle height	2.0" – 12.0"*
Electrical	220 VAC, 15 Amp
Compressed air	80 – 120 psi, 3 cfm max
Machine dimensions	52.7"W x 40.0"D x 70"H
Machine weight	600 lb approx.
Tape Width	1" - 3" (25mm - 72mm)

* Consult factory for additional product size options

Behind better banding

Founded on lessons learned in the printing industry, Controls Engineering has spent the past 10 plus years developing a better banding system that provides secure movement of materials and packaging from point A to point B without the band breakage, package or bundle damage.

Our solutions range from manual banding equipment to fully automated stacking and banding systems. All systems offer the speed, safety, ease of handling and operation and dependability required to deliver the highest bundle integrity at the lowest cost.

Leading manufacturers and fulfillment centers are using our systems, and we can share case studies of their successful application in the following areas:

- Contract manufacturing
- Contract packaging
- Pharmaceutical packaging
- Order fulfillment
- Print Packaging & Fulfillment
- Retail & Shelf-Ready / Club Packs

Controls Engineering provides complete design and manufacturing from our plant in Middleton, WI. We are able to provide the fastest design-to-build time with in-house engineering, CNC machining, fabrication, assembly and testing in one facility.

CE Orbital Banders

MPT Series (17&21), Madison Tape Bander, Madison Label Bander, Array-Pack, SB-25, OS Series (1&2).



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