

## News and Technology Updates for Today's Converter

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- What is ConvertingResource.com?

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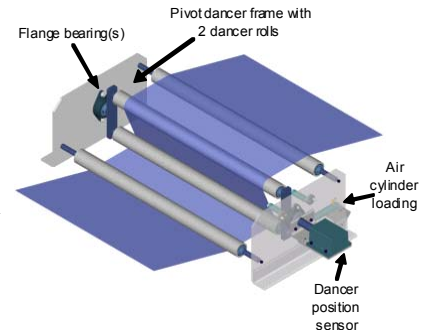
### Dancer Roll Assemblies, an excellent choice

Dancer roll assemblies are an excellent choice where out-of-round (egg shaped) rolls are causing tension fluctuations.

Commonly, master rolls of material are far from perfect. Often times, one major imperfection is the master (unwind) roll is just not round; it may have a flat spot from being stored laying on its face or it may just be egg shaped coming from your supplier. Flat spots and/or egg shape can cause extensive tension fluctuations as the roll is unwind and fed into your process. Chances are your converting process and product quality will suffer due to

incoming tension fluctuations.

Dancer rolls operate by mechanically "storing" material within a set of moving rollers. This web storage can effectively operate as a "shock absorber" to absorb and correct tension fluctuations. By absorbing and correcting tension fluctuations, the web will then be fed into your converting process at the desired, uniform tension level, thereby maximizing your process, product quality and throughput. Proper dancer design, including enough web storage to accommodate your operating speeds and largest tension fluctuations is essential



to the overall operation. Keep in mind, however, the dancer assembly, by itself, is just one piece of a much larger puzzle. The dancer must include position feedback and a properly performing tension control system to control your brake or drive system. By Jeff Damour, Converter Accessory Corporation

### WrinkleSTOP No-Bow Smooth Surface Spreader Rolls

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## What's new in Converting?



Undersized core plugs from Badger Plug help hold overwraps in place.

### Easy Roll Wrapping

Undersized Plastic Core Plugs are precision made to securely grip protective overwrap when tucked inside the core. Exact plug tolerances help make overwrapping fast and

convenient. Plug sizes range from 1-15/16" to 6". Various models and strengths are available. Custom undersized plugs also available.

For more information contact:

Thomas J. Duffy at Badger Plug  
Phone number:  
920-757-7300

### Popular FOX Runner Portable Trim Removal with High Efficiency Blower Control

FOX Runner<sup>®</sup>, Converter Accessory Corporation's exceptionally popular portable pneumatic trim removal system is now available with CAC's new variable speed blower control. This combination allows for the ultimate in energy efficient pneumatic trim removal.

According to Jeff Damour, Engineering Manager, "The portability of FOX Runner allows it to be used where ever it will have the most impact in your plant. Now, combined with CAC's new variable speed blower control, FOX Runner offers the ultimate in energy savings and convenience for pneumatic trim removal".

The FOX Runner is stable enough to put in place for long term trim handling or it can be easily transported to new locations and rapidly set up and put to work. In many cases FOX Runners' portability can save converters the need to purchase multiple trim removal systems.

Fox Runner uses CAC's long time successful FOX TrimAway<sup>®</sup> pneumatic trim removal components mounted to a portable stand for permanent, semi-permanent and temporary applications. It is offered as a complete, turnkey system that can be readily and quickly integrated in any trim removal application.

FOX Runner portable systems include CAC's exclusive venturi design, a regenerative blower, blower hardware and filter, motor starter with plug and cord. Additionally, the system includes pick-up nozzles, Y connectors, duct work and high torque duct clamps. All FOX components are mounted to a tubular steel frame with locking casters. Optional components available are collection bags and bins, silencers and additional duct for long conveying distances.

"Today, energy savings has never been more important to our customers", says Jeff Damour, CAC Engineering

Manager. "The ability to vary blower speed allows our customers to optimize the energy efficiency of Fox TrimAway, while maintaining the proper performance for any trim removal application. Bottom line, the ability to 'customize' the blower speed to match a specific trim removal requirement for a specific machine run will save energy and save our customers energy dollars."

The soft starting feature built in to these VSD's will start the blower motor with a smooth linear acceleration of a programmed time. The advantage when compared to standard blower starters is there is no sudden inrush of current that puts large demand on power lines. Soft starting eliminates stress on electrical and mechanical components. Maintenance costs are reduced and lifetime of system blowers extended. High starting currents and voltage dips in the supply network,

Continued....

Event?

New Product?

Questions and Answers?

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COR-LOK<sup>®</sup> Air Shafts & Chucks

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?ELIMINATE—downtime

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which might cause process disturbances, are eliminated.



Designed to handle trim widths up to 4 inches at speeds up to 3,000 feet per minute, FOX Runner will include the proper components to handle your needs. FOX Runner will efficiently remove paper, film, foil, textile and non-woven webs. They are designed to be exceptionally easy to operate, quiet and frugal consumers of electricity.

CAC offers over 30 standard

FOX TrimAway® systems. All may be customized to handle the most demanding trim removal applications. CAC manufactures centralized modular and FOX Runner® portable pneumatic trim removal systems.

Founded in 1974, Converter Accessory Corporation enjoys its 36th anniversary in 2010. CAC designs, engineers and manufactures web handling equipment for converters of paper, film, foil, nonwovens and textiles. Engineered solu-

tions including high quality, cost effective equipment for narrow web to wide web, slow speed to high speed, prototyping to full production applications. CAC is represented by knowledgeable engineering staff and provides extensive consultation and unparalleled product support.

For more information, contact Converter Accessory, 800-433-2413, [www.converteraccessory.com](http://www.converteraccessory.com)

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## Welcome to ConvertingResource.com's Newsletter

We are pleased to present to the converting industry a convenient and efficient method of obtaining up to date information available to this industry. Welcome to the most complete on-line buyers guide and technical resource center designed expressly to assist you in obtain the information you require.

When you visit [www.convertingresource.com](http://www.convertingresource.com) you will have at your fingertips a searchable buyers guide, editorial section and articles designed to assist you whether you run wide or narrow webs.

We hope you find our newsletter full of practical and useful information. It is designed to serve the converting industry therefore; if you have content you think would be of value to our industry please contact us.

## Mark Your Calendar

### MAY 2010

May 18—19th The Principals of Web Handling Seminar, Philadelphia PA, contact [jdelfino@sensorex.com](mailto:jdelfino@sensorex.com)

May 17 - 20 CEMA AWEB Applied Web Handling Conference, Converting Equipment Mfrs. Assn. Radisson Hotel Rochester Riverside, Rochester, NY [www.cema-convering.org](http://www.cema-convering.org)

May 23 - 26 UV&EB Technology Expo and Conference 2010, RadTech, Baltimore Convention Center, Baltimore, MD [www.redtech2010.com](http://www.redtech2010.com)

### JUNE

June 8 - 9 Optimizing Extrusion Based Lamination and Coating Technology, AIMCAL Converting School, Radisson Hotel Rochester Riverside, Rochester, NY [www.convertingschool.com](http://www.convertingschool.com)

June 15 - 17 Center Winding Workshop, AIMCAL Converting School, Holiday Inn Express, Rochester NY [www.convertingschool.com](http://www.convertingschool.com)

June 16 AIMCAL FFC EMA Webinar on Reactive Deposition by Magnetron Sputtering - Basic Process & System Design Considerations, Assn. of Industrial Metallizers, Coaters & Laminators [www.1.gotomeeting.com/register/566088225](http://www.1.gotomeeting.com/register/566088225)

### JULY

July 21 - 22 Digital Plates and Screening for Flexo, The Sonoco Inst. Of Pkg. and Design and Graphics, Clemson, SC [www.clemson.edu/sonoco\\_institute](http://www.clemson.edu/sonoco_institute)



To include your events please submit to: [www.convertingresource.com](http://www.convertingresource.com)