

EDITORS NOTE

Welcome to the very first issue of Hardwood Line's electronic newsletter, *Hardwood On-Line*. We felt we needed a means to talk to people in our industry and share News and ideas. With this first issue, we hope that we have found the means, and that you will agree it's a good idea. But "Hardwood On-Line" is not intended to be a one-way communications' vehicle. To make it a true industry news magazine, it must have your input. We welcome any of your ideas for articles, letters to the editor, and basically, anything that you believe would enhance upcoming issues.

[Please e-mail us your comments and feedback.](#)

PEOPLE YOU SHOULD KNOW



"My biggest challenge in this position is educating the customer on the many "equipment solutions" Hardwood Line has available for customer problems," says Casey Komperda, National Accounts Manager. "I emphasize the service we provide. Since the product line is already in place, its my job to match the customer to the right equipment for his needs."

Casey, a Chicago native, has been with Hardwood Line for about 2 years. Prior to joining Hardwood Line, Casey was an Account Manager for an international OEM automotive supply manufacturer. He has over 18 years experience in equipment manufacturing and tool & die. As National Accounts manager, Casey hopes to develop new customer relationships as well as strengthen the services to existing customers and distributors.

Casey resides in North suburban Chicago with his wife, Dawn, and three children. He divides his spare time, which is seldom, by coaching his 9 year old, Danny's, baseball team and playing with his 4 year old twins Matty and Franny.

CONNECTIONS

- [Information Request](#)
- [Literature download](#)

UPCOMING EVENTS

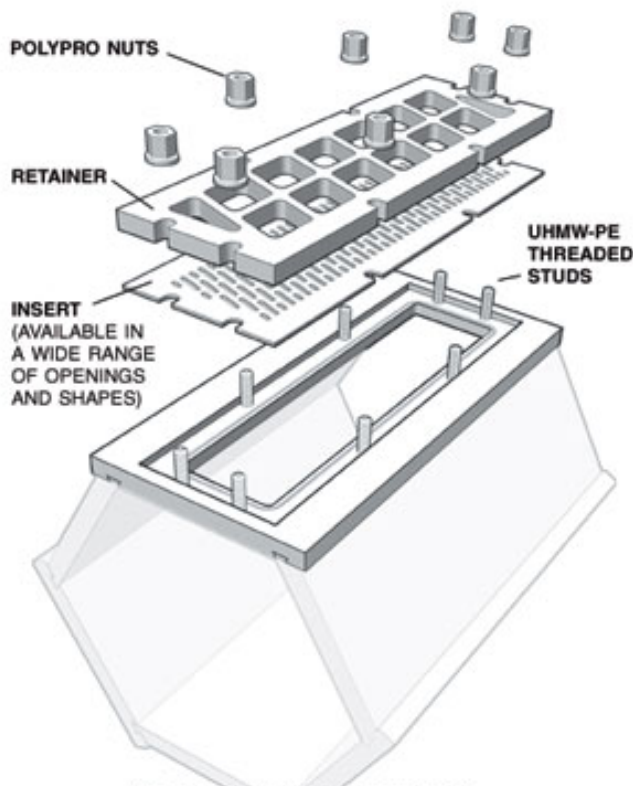
SUR/FIN 2003 Conference; June 23-26
Exhibit; June 24-26
Milwaukee, Wisconsin

3 for 1 BARREL SPECIAL!



Imagine having a custom barrel in your shop for every part you run. No matter what the part, you have a barrel with openings perfectly matched; large enough to optimize solution transfer, small enough to prevent parts from sticking and falling through. If this were possible every run would be made with maximum current distribution and minimum dragout. In short, every run would be made as cost effective as possible. But how could you be cost effective and buy a different barrel for every part?

The Transformer Modular Barrel System provides a revolutionary, yet simple solution - replaceable insert panels allowing one cylinder to run many different size parts, each at maximum efficiency . Panel inserts are available in a wide variety of shapes and sizes insuring optimal performance for every run. The thinness of the insert serves to maximize current distribution while minimizing dragout. The sturdy gridwork of the retainer secures the inserts firmly in place with heavy-duty fasteners. An entire cylinder can be transformed from a 1/2" round perf to a .018 molded screen in less than 15 minutes.



All six panels are replaceable to maximize the efficiency of every run.

Should a new part come into your shop, you only need a new set of inexpensive inserts instead of a whole new cylinder. The Transformer Cylinder is available on all new barrels and can be retrofitted to any manufacturers superstructure. The Transformer Modular Barrel System will provide you with a quick return on your investment by delivering the ultimate in performance and productivity.

We would like you to try a Transformer and discover for yourself how convenient and efficient this barrel is. For a limited time we are offering 3 sets of insert panels, to your specifications, free with every barrel!

[DOWNLOAD BROCHURE](#)

OTHER NEWS

Hardwood Line wins Governors award

Hardwood Line Manufacturing has received the 2001 Illinois Governor's Pollution Prevention Award for its line of SprayThru™ plating and rinsing equipment.

[Click here to continue](#)

ASK WOODY



Dear Woody: While barrel plating threaded fasteners, I am experiencing both an inconsistent plate on the threads as well as rejects due to damaged threads. Do you have an suggestions?

Woody: Sounds like you got yourself a 3 part problem. Well I got a 3 part solution for you.

1) Shrink the load. Don't try and cram too much in a barrel. All those parts bumping into each other are causing themselves a lot of damage. Your best bet is to fill a cylinder to 1/3 capacity.

Here's how to figure your capacity for a barrel:

$$\text{Volume} = (.866 \text{ Dia. (in.)}^2) \times \text{length (in.)} / 1728$$

Now take that answer and divide it by 3 to get your 1/3 capacity.

But here's the deal. Plating only takes place on the outer surface of the load. That's why we rotate a barrel (Duh!). When you downsize the load it takes fewer revolutions to exchange the mass. What you get is faster plating with fewer spins to give those parts less chance to damage themselves. So, you make up the "loss" in running a smaller load by plating faster. Plus, you get fewer rejects. If you ask me, that's dam (as in beaver) good!

2) Slow it down. The quicker the tumble, the more force in the part to part contact, the more damage to your threads.

3) Drop the danglers. Those pesky danglers are flopping all over the place on every revolution. Replace them with a non-moving end plate cathode. They contact the load more evenly and are quiet(like me at night when I'm taking down some trees). Because the End plate has more contact area it produces a much more uniform plated surface. Its a win-win. (More on end plate contact systems in a future issue.)

Let's recap my formula:
(Shrink the Load)
+ (Slow it Down)
- (The Danglers)
= Success

Woody

Got a question for Woody?
[Click here to e-mail Woody](#)

Be sure to include your Name, Company Name and Phone Number (in case Woody needs more details).

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