

The Sharper Edge[®]

Keeping the paper and metals industry up-to-date on the latest happenings at Kinetic, Microblade and ORBITAL SAW

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Our grinding process just got better

Even though we already produce the best perforating blades on the world market, we're constantly improving them. This spring, the latest in Mattison CNC surface grinders arrived in our shop.

The grinder has no levers, manual controls, or hand wheels — it's entirely computerized. Because we can control the machine more precisely, we can replicate the same piece every order, giving you a blade that delivers optimum performance. Everytime.

Our other grinders will continue to work the edges of the perf blades while the new grinder will put a high polish on the thickness.

To look at it, this grinder is just an oversized box — nothing exciting. What makes this box slightly different from our other Mattison grinders is what is behind the sliding glass doors that enclose it.

Because the grinding table is enclosed, we can use large volumes of coolant during the grinding process. Doing so eliminates burning during grinding and gives the blades an exceptionally high surface finish. Without this enclosure, the coolant needed to produce these results would be splashing all over the operator and the floor.

What does this process mean to you? Less breakage.



What's more, the enclosure gives us an internal advantage — it improves the air quality in the shop. The machine collects the moisture, runs it through an air purifier, and then sends the filtered air back into the shop.

Another great advantage is its variable speed spindle that allows us to adjust the borazon grinding wheel's surface speed in 1 rpm increments. This flexibility means we can work with different kinds of abrasives and steels. And as speeds, steels, and abrasives change from job to job, the computer is adjusted to these variables. It then decides when to dress and downfeed the wheel, reduces regrinding stresses — another reason our blades are less prone to breakage.

Now this grinder is used primarily to grind the thicknesses on perf blades. Later, we plan to grind other parts during other shifts. The speed control of the spindle and the borazon wheel will handle a wide variety of tasks.

Our new grinder has something for everyone. You get better surface finish, perfectly sized blades, and reduced breakage. We get a cleaner plant and more efficient production. We could have simply added another grinder to expand our capacity. But we chose not simply to add equipment. Instead, we chose to add state-of-the-art equipment to improve our process. That's the Kinetic way of doing things.

Kinetic thru-hardened sleeves — this set is 27 years old and still running strong

How many parts on your paper machine are 27 years old and still have at least 10 years left in them? One of our midwestern sales agents was recently telling us about a set of 11 Kinetic thru-hardened sleeves that were installed on a customer's Beloit winder in 1966. They're still doing their job, and they'll continue to do it for many years to come.

During these past 27 years, the mill has ground 3/8" (9.5mm) off the sleeves. Since the original size of the sleeves was 10 3/8" OD x 8 1/2" ID (263.5mm x 215.9mm), there's still plenty of life in them.

That's because regardless of how much the sleeve's surface is reground, the sleeve will always remain hard. Our thru-hardened sleeves are exactly what their name implies: hardened all the way through. The majority of the sleeves on the market are hardened to a depth of about 3/32" (2.2mm), which means that they are much like a soft-boiled egg. Once their shells have been ground away, all that remains is the soft core, rendering them useless.

We're really pleased to be able to pass this story on to you. It proves that our thru-hardened sleeves withstand the test of time. And those sleeves should easily last another 10 years, to be retired after 37 years of service. Pretty good wear resistance, don't you think? Want a set like them? Give us a call.

Trials of our A-9 NOgrind™ side trimmers a great success — July sales double



Thanks for the great response to our offer a few issues ago — try the Kinetic A-9 NOgrind™ side trimmer for the price of the H-13. We got lots of calls, and some calls were from steel mills that had never been Kinetic customers before. That really pleased us because we got a chance to show off.

For example: one mill that had never used Kinetic products began its trial by installing our H-13 side trimmers on all its trimming lines. By tracking the mill's tonnage data, the mill manager discovered that our H-13 side trimmer doubled the output of our competitor's blades, which he had been using. According to the production numbers, the H-13 NOgrind™ side trimmer was the best side trimmer the mill had ever used. Until they tried Kinetic's A-9s, that is.

When the mill installed Kinetic A-9s on all its lines, output doubled again! We welcome this new mill as a customer.

Because our A-9s deliver such long life, most of the mills are still in the midst of their trials. But we will let you know the results as soon as we get them. In the meantime, if you haven't taken us up on our A-9 trial, (or you'd like to try our H-13s) call Dan Herrmann today. We're making the offer again. We can't resist another chance to show off.

The NOgrind™ name and logotype are trademarks of The Kinetic Co. The NOgrind™ Side Trimmer design is covered by U.S. Patent #5,093,975 and other patents pending.

Improve your efficiency Link up with our e-Mail

If your company has an e-Mail system with Gateway capabilities that allows access to remote post offices, you can hook-up to Kinetic's e-Mail system.

Linking systems gives each of us the benefit of leaving messages at the caller's convenience.

If you like the sound of this, fax our e-Mail Administrator, Jared Masters, at (414) 425-7929 with the details of your system. We'll make it work for you.