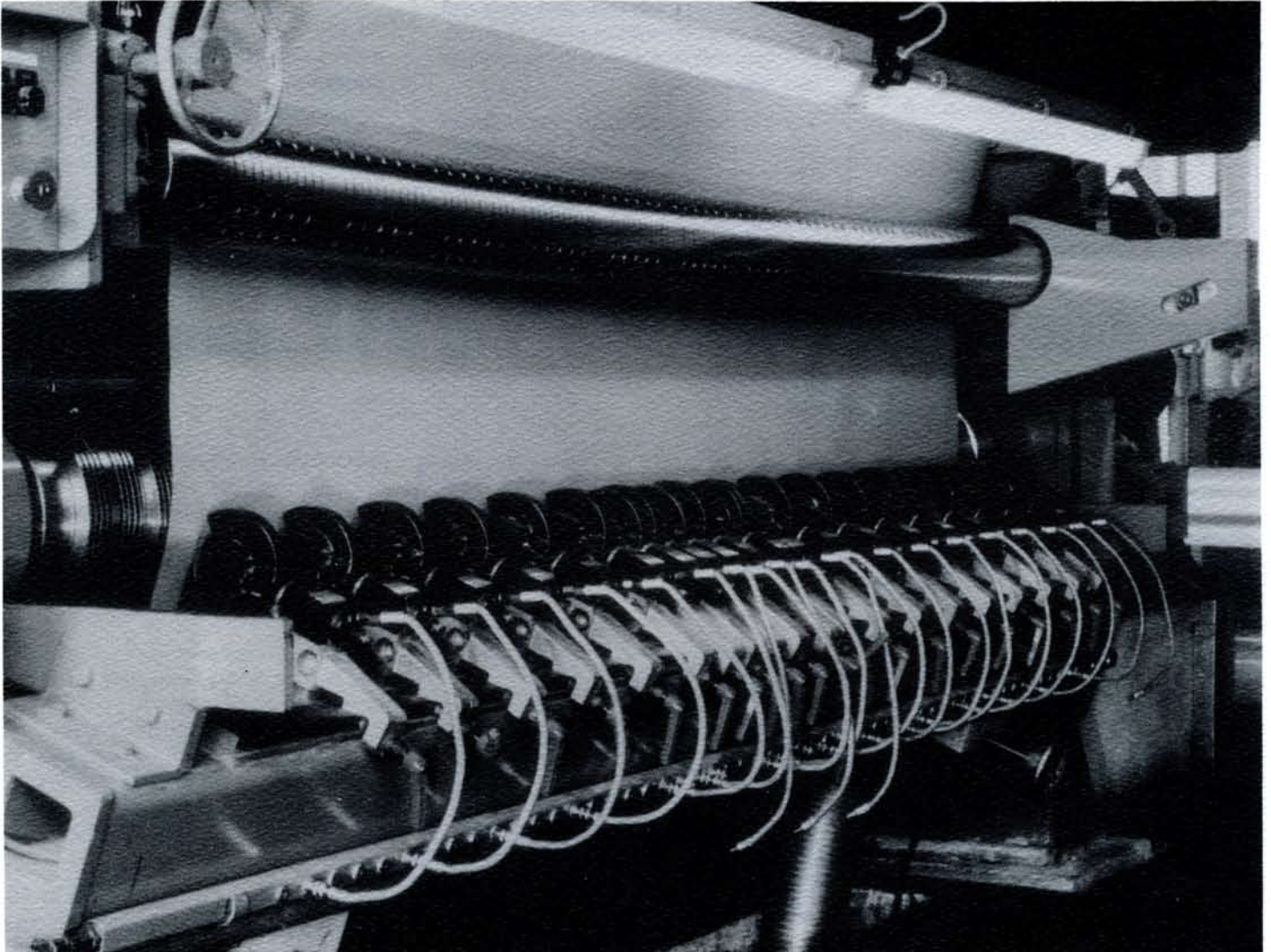


"The Sharper Edge"®

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A typical winder set-up with Kinetic-finish top shear slitter blades and Kinetic high carbon-high chrome tool steel bottom slitter bands.

How to get more precise cuts with less dusting at higher speeds

What's the inside of your shop look like? Is everything covered with a fine blanket of paper dust? How do you prevent that dust from leaving with the paper you ship?

We all know that while the trend toward coated finishes and alkalide

paper has improved paper's ability to receive print, it has also created a slitting challenge: how to minimize dust. And while faster paper machine rewinders are theoretically more productive, paper that travels more than a mile a minute invites ragged edges.

Paper dust sends printers into fits, and ragged edges create unsalable product.

So how do you control dust, keep your edges clean and your customers happy? Use Kinetic-finish knives for precise cuts—no ragged edges, very little

(Continued on back)

Higher speeds with less dusting *(Continued)*

dusting. We can supply you with such knives in both shear slitter blades and bottom slitter bands to fit any brand of rewinding equipment.

In developing these Kinetic-finish blades, we have taken the super-finished blades of yesterday and improved them substantially. Our Kinetic-finish blades may not look different at first glance, but when you measure performance, there is a world of difference. Our new blades are superbly finished; they approach 8 RMS finish on the surface and on the bevel.

And while all these years, you've been hearing that "super-finish" is important, a fine finish without reduced lateral

run-out doesn't do it. You need both. In fact, reduced run-out should be your first consideration, with a fine finish supporting it—not the other way around.

Because we've been able to reduce lateral run-out to .001", our customers who have used these blades report results 10 times better than their old blades. A true-running blade is a real problem solver, giving you clean edges and minimal dust.

Years in the planning, these knives have been on the market only 4 or 5 months. The key to our finishing process lies in our heat-treating and grinding techniques. Our grinding operators spot-check our knives by removing

them from the grinder and placing them on the same size hub as you use. The operators then test the run-out of the blade with an electronic indicator and test the surface finish with a profilometer. When we ship your knives, we know they run true to within .001" T.I.R. or less because we've already measured them.

By the way, Kinetic regrinds these knives restoring them to like-new condition.

And since we're on a roll (you'll pardon the pun) we're in the process of developing double edge shear slitter blades for double the service life.

We'd like to say "watch our dust," but there isn't much to be seen.

Our date coding gives you a world of answers—and peace of mind



Every product Kinetic manufactures is date coded. And our date code assures you that quality records about your part can be retrieved at your request.

What does the alpha-numeric code tell us? A complete history of the part:

- certified material analysis
- manufacturing instructions
- inspection records
- heat-treating information
- furnace charts on tempering

The codes appear on all copies of your invoice as well as on the part itself. So even if the code wears off the part through long use, our files and yours

still maintain the code.

What's the code used for? Lots of things. We can purge our inventory of older parts by reading their date codes. We can help you perfect a part by producing several versions of it. When you have finished testing them—whether the tests run a few months or years—we can replicate the part you've found most successful.

And we can use the codes to troubleshoot. The codes are our clues in identifying a problem. Based on the code assigned to your batch of parts, we begin investigating its raw material analysis, manufacturing instructions,

our extensive inspection records, and the heat-treating and furnace procedures. We review all of the preventive quality assurance procedures we talked about in last October's issue. If nothing surfaces, we ask to see a sample of your part.

When we get the part, we look further and harder, testing and measuring the product from all angles. Eventually, we can identify the problem. We do—occasionally—make mistakes. We'd be foolish to try to tell you otherwise. Our date coding helps us track them down and correct the process, so the same mistakes don't happen again.

But interestingly enough, 9 out of 10 times, we discover that the problem lies not in our part, but in some other area of production: improper installation, misaligned parts, flaws in other parts that contact ours, etc. Once we're comfortable that the problem isn't on our end, we're free to explore other possibilities to get at its root. Every problem we solve adds to our bank of experience and makes us better knife-makers.

Our point is this: we want you to know that our codes open a wealth of information about your parts. We can trace just about anything you need traced, so when you buy from us, you can buy with confidence. There's a lot of history behind your purchase.