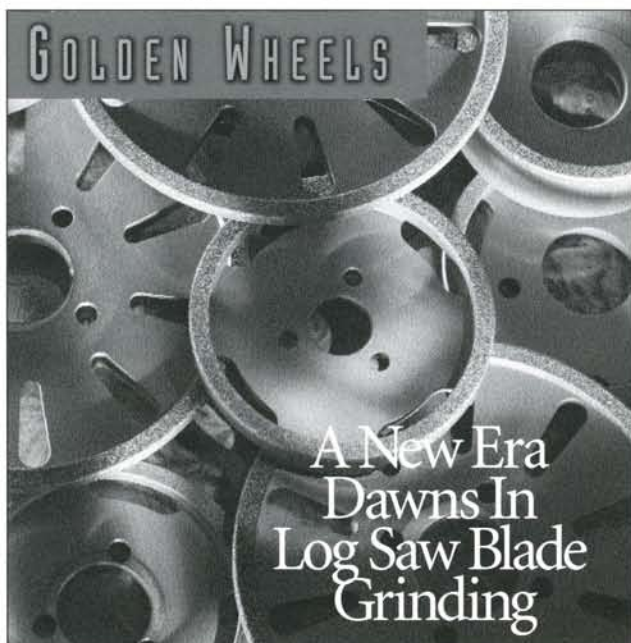


The Sharper Edge®

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

JUNE 1997

New Golden Wheels™ grinding wheels— customers report phenomenal results



If you've seen our brochure, you already know the difference between our new Golden Wheels grinding wheels and the traditional grinding wheels: (See box.) What you don't know are the comments of the customers who are using the Golden Wheels. Their stories underscore just how revolutionary (no pun intended) these stones are. Some facts:

Longer life for stones

One mill manager reported that a single set of our Golden Wheels being used on a single line were going on 5 months service life. He said *This is GREAT!*

The big difference

- Consistently perfect cuts without adjustments
- No dressing needed — so there's no grinding surface lost in dressing — just wipe them down in the machine
- Safer for operators
- No out-of-round log saws, no burned blade edges
- Only infrequent kiss grinding needed

Fewer blades changes.

On one mill's line using traditional grinding wheels, log saws lasted only 21 days. With Golden Wheels on this line, the log saw life increased to 32 days.

Less downtime.

One mill had to return to old stones while awaiting their next shipment of Golden Wheels. The manager said he was very unhappy. He had gotten used to the savings brought about by less downtime. Everytime the line had to be stopped to change a log saw or service the old stones, the downtime's cost was \$1700 an hour. Golden Wheels caused only minimal interruptions during their months of service.

Kiss-grinding extends the life of log saws. Because Golden Wheels grind so efficiently, mills can reduce the dwell time and the frequency of grind times. One mill relies on 1.5 grinds every 18 cuts. Another uses grind times of 1.5 seconds every 60 seconds. The cuts quality was still very good on the 60 second cycle, and the mill wished it could expand the time, but its machines were limited to a 60-second maximum between grinds.

These stories could be yours. To find out how, call Microblade or ORBITAL SAW today.

Golden Wheels is a trademark of Microblade Limited and The ORBITAL SAW CO., Inc. Golden Wheels grinding wheels are covered by US Patents #5,308,376 and #5,139,537.

The Kinetic Co., Inc. • P.O. Box 200 • Greendale, WI 53129-0200 U.S.A. • Tel: (414) 425-8221 • Fax: (414) 425-7927
Microblade Limited • Sanderson Street • Sheffield S9 2UA England • Tel: (0114) 261-8855 • Fax: (0114) 261-9555
The ORBITAL SAW Co., Inc. • P.O. Box 170 • Greendale, WI 53129-0170 • Tel: (414) 425-8844 • Fax: (414) 425-7927

Visit us on the Web at www.knifemaker.com

New Mattison rotary grinder and Okamoto surface grinder expand our capacity

"We added this equipment for a couple reasons: to keep lead times reasonable and to improve productivity, which keeps prices competitive."

So says Paul Lewandowski, Kinetic's project engineer. "The table on the new Mattison grinder is 42" — that's 6" larger than our Blanchard. And we've increased spindle horsepower from 30 to 75. We not only run larger table loads, we can remove stock much more efficiently."

Ask the operator what he likes best about our new rotary grinder, and he'll say, "It's a Mattison." We have long respected the work that these grinders turn out. They can remove heavy stock at high rates yet have no problem holding size to .0004".

Installed last January, our Okamoto surface grinder has proven itself perfect for grinding to tight tolerances and producing high surface finishes.

This is a fully-equipped machine. It's 5-horsepower spindle motor is capable of variable speeds and can run up to 1800 RPM. It's Fanuc 2-axis CNC control maintains specifications with precision. In addition, the machine is equipped with a fully-automatic diamond dresser with dress compensation, and automatic wheel balancer. The machine runs beautifully — it's a terrifically productive addition to our shop floor.

Just thought you'd want to know: we're staying on the leading edge of grinding technology.



Cash Masters works with our new Mattison rotary grinder. It has a larger table and more spindle horsepower than our older Blanchard grinder. The machine is a real workhorse in removing heavy stock.



Dave Muschinski operates our new Okamoto surface grinder with all of the latest features: a 5-horsepower spindle with variable speeds up to 1800 RPM, a Fanuc 2-axis CNC control, a fully automatic diamond dresser with dress compensation, and automatic wheel balancing.