



**The
KINETIC
CO.
built on
promises kept.**



Advanced Communications Network

Up-to-the-minute information helps us keep promises to our customers. From incoming orders, through all steps in manufacturing, shipping and accounting, Kinetic people are well-equipped with the latest in state-of-the-art computer systems used for control and communications.



C. L. Masters, Founder of THE KINETIC CO

From its first small plant, and with his personal philosophy of uncompromising excellence, C L Masters guided the company through its first 22-years and three of five major expansions including the initial portion of the plant and office as it exists today His promise of Quality and Service has been the foundation upon which Kinetic has grown to become one of the leaders in the industry



Welcome to Kinetic

Many of our fine customers have not had the opportunity to visit our facilities We hope this booklet will help you to know us better Here, in our Reception Center, telephone and telex keeps us in daily contact with people who know us throughout the world and welcomes you to call in for professional plant consultations as well

KINETIC: a company built on promises kept.

For more than thirty years—through upswings and downcycles of business, through new developments in machines and controls, through changes and upheavals in the worldwide markets we serve, through advancements in metallurgy and engineering—we've been making promises. And keeping them.

Our promise is quality and service. Easy words. Easier still, to simply say them and forget. But since our beginnings, in the late 1940s, we've backed these promises with the best machinery, facilities and people available anywhere. It's investments and innovation, dedication and commitment. It's trust, earned from customers and employees alike, that we never take for granted.

You can count on Kinetic today, and tomorrow. Our business is dedicated to the manufacture of only the finest quality hardened steel products.



Personal Interest in You and Your Company

No job is too small for top management's attention Joseph Masters, President, and Jerry Kedziora (left), Sales and Service Manager, take personal interest in seeing that every job meets the company's high standards Joseph, Jerry and others know many customers on a first name basis



Blueprint to Finished Product

From your blueprints or samples, our manufacturing know-how provides the best methods and production people in the business

Kinetic hardened steel knives and tools are setting new steel mill industry standards.

Kinetic quality steel mill tools, for both steel-producing and metalworking industries, are becoming the highly regarded standard against which others are measured. Our current off-the-shelf product line includes straight blades, squaring shears, scrap choppers, flying shears, bar shears and billet shears plus a full line of rotary splitter knives and spacers.

We produce Sendzimir mill rolls of uncompromising quality.

We specialize in matching our resources and expertise to your blueprints and specifications with the kind of quality and attention to detail, as well as due dates, that will make you come back to The Kinetic Co.

Precision Roll Grinding

Hardened shafts are final ground on Landis Precision Grinders like this one for steel industry customers. Abrasive crushing roll users need the toughest steel available and they get it from Kinetic.



Every Operator Meets Our Tough Inspection Standards

Throughout, and after every operation, Permanent Inspection Records are kept on every job. When your name is on the line, you check it twice. Our full-time Inspection Department performs multiple in-process inspections on particular items and a final inspection to assure you the highest quality product.

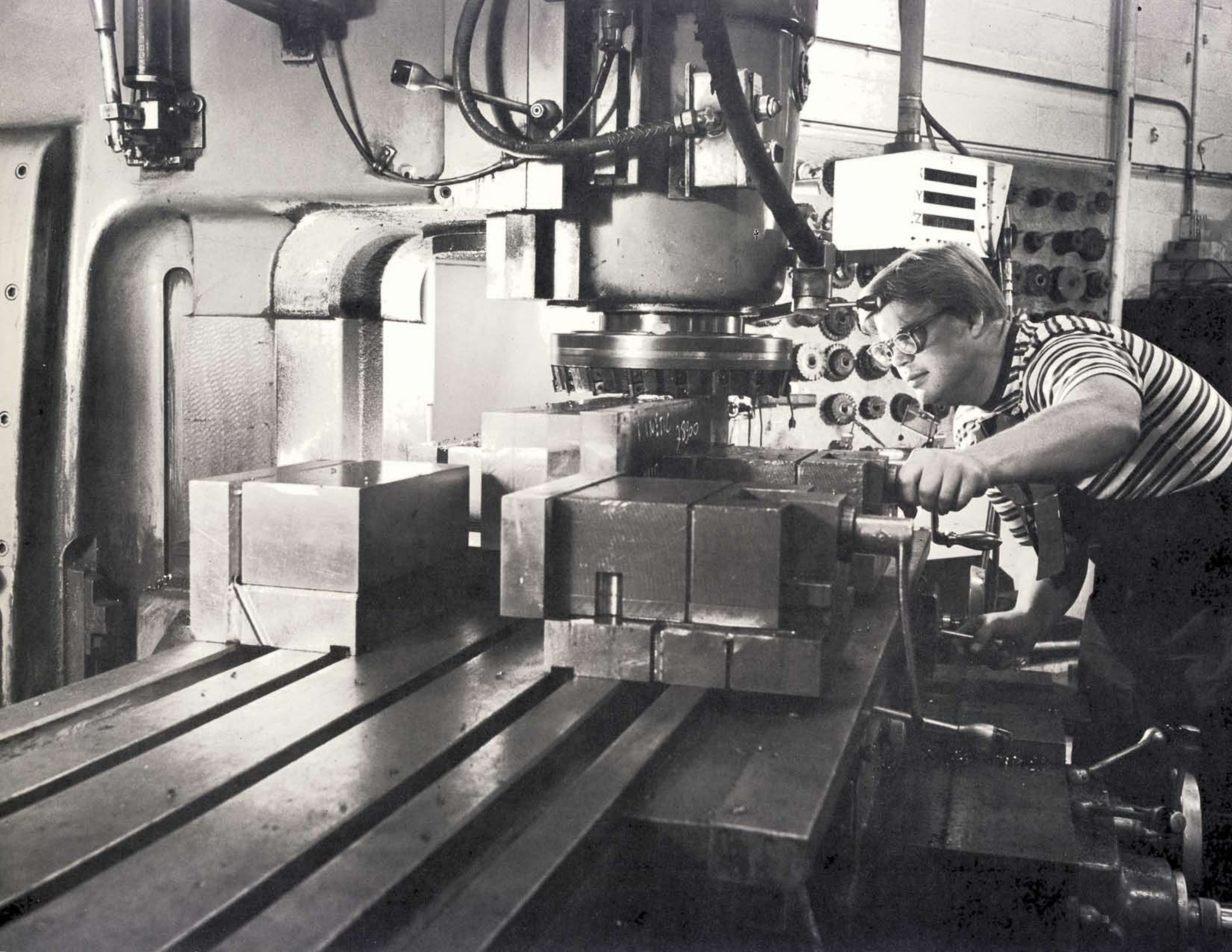


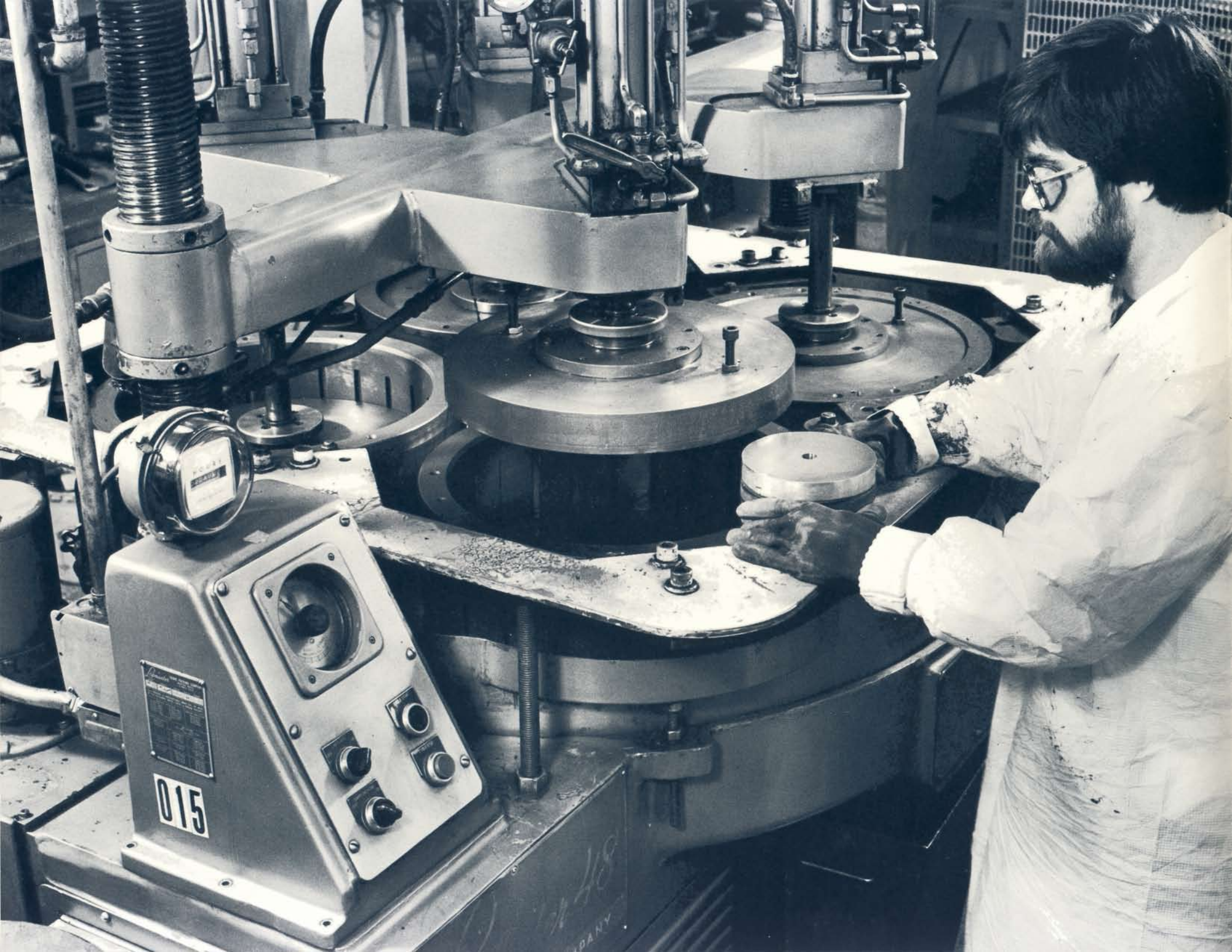
Kinetic Sets Industry Standards

Long lasting quality is why more and more steel mills are turning to Kinetic. Shown is initial machining of a side trimmer, a standard Kinetic shelf product for the steel industry.

Quarter-Inch Cut, 20-Surface Inches Per Minute!

Kinetic tool steel milling is the fastest in the business because our tooling capabilities are the most advanced in the industry. Here, initial manufacturing of steel mill knives starts with taking off steel - up to 1/4" cut, 20-surface inches per minute!







**Unique, Two-Piece Construction
Reduces Downtime**

Kinetic offers unique two-piece construction of split bottom slitter bands to reduce downtime by eliminating shaft removal



Slitters Ground to Within .0008" T.I.R.

Finish grinding of web-driven top and bottom slitters produced by The Kinetic Co. is precisely measured during the grinding operation by a sensitive Marposs gauge. Shown is an 8" diameter piece being ground within .0008 Total Indicator Readout. New and reground pieces are identical to match your needs.

Lap Finish Tolerance to 11.6 Millionths Inch

To check Lap Finish Table accuracy, the operator places a solid brass disk to be polished with diamond dust suspended in fluid. Monochromatic light and optical flats test accuracy every other day for machine precision.

Kinetic precision cutting knives are recognized as "The Knives" in the paper mill, converting mill and paper products industries.

Precision. Craftsmanship. Long-lasting wear. The high quality and dependability of Kinetic hardened steel products have made Kinetic the Number One Choice in the papermaking, converting and paper products fields.

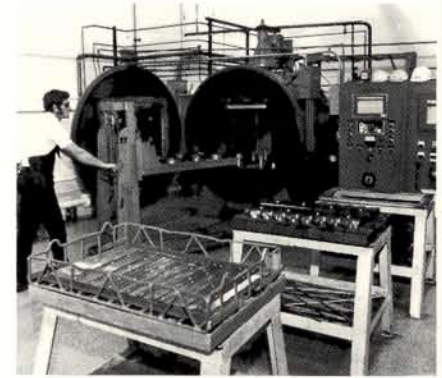
Operators of mills throughout the world rely on Kinetic top slitters, score slitters, bottom slitter bands and hardened sleeves. The fine precision that goes into our magnetic tape slitters goes into all slitters.

Converting mill products include perforating blades, fly knives, carbide anvils and bed knives as well as specialized hardened steel products used in the production of disposable diapers, sanitary napkins, table napkins and facial tissue.

Kinetic Heat Treating: the heart of lasting quality steel products.

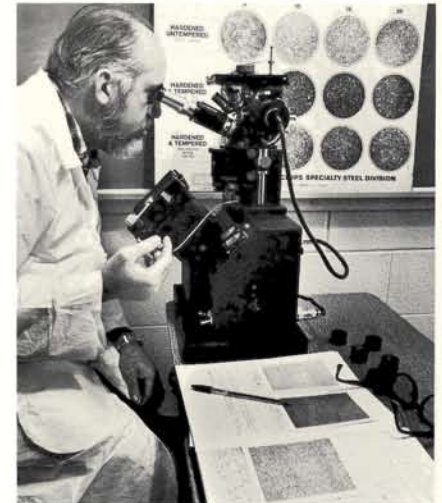
Kinetic's Heat Treating Department is unique in the industry: not only for the high quality products we harden in it, but for its spotless cleanliness! Our customers and visitors from all around the world marvel at its efficiency and good looks and we think that's important. Our people do their best kind of work in the cleanest environment we can provide.

Electric vacuum carburizing and hardening furnaces, including our custom designed one-of-a-kind vertical furnace, are equipped with fully-electronic controls to provide exacting temperature and time precision so critical to carburizing and hardening. Our specialized techniques—enviable secrets learned and handed down through generations—are aided by state-of-the-art technology for the best in high speed and air hardening tool steel products you can buy. High hardness plus better toughness is what gives Kinetic knives and tools their special quality.



Electric Furnaces and Electronic Controls for Exacting Procedures

Twin horizontal hardening furnaces run 24-hours every day of the year at Kinetic. The latest in electronic controls in temperature and measuring devices assure batch after batch consistency and quality in the high speed and tool steel used in Kinetic manufactured products.

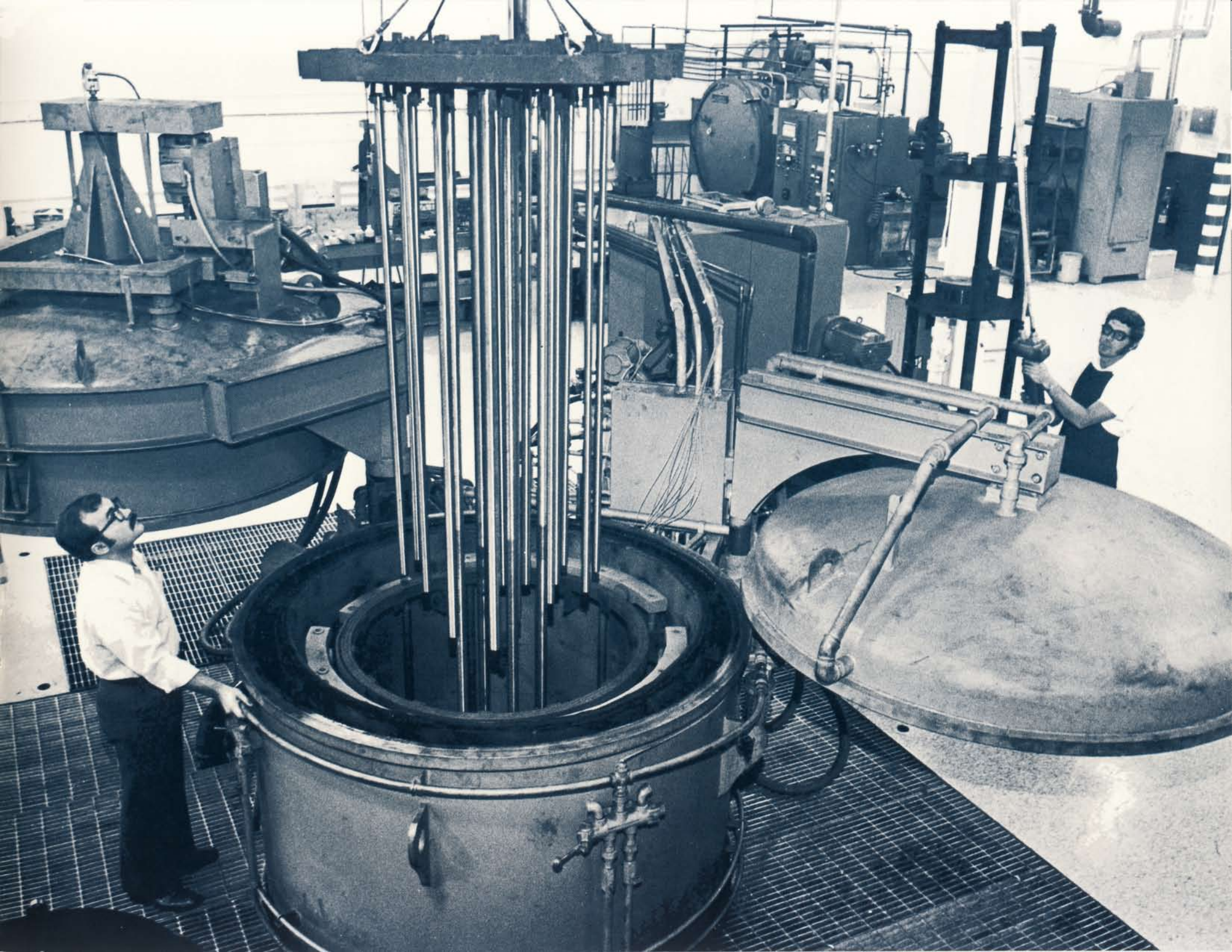


Microscopic Examination for Quality Assurance

Detailed records are kept here in our lab for years, along with microscopic photographs of random job samples, as a double-check for quality control. Photo metallographs, shown in foreground, assure consistency of heat treating procedures.

One-of-a-Kind Vertical Furnace

This custom-built vacuum carburizing and hardening furnace was designed after years of learning the art and the science of our business.



NC State Of The Art

Numerical Control machining is used in the manufacturing of complex-shaped knives shown here for the petrochemical industry. Precision repeatability requires the best in manpower plus the latest in advanced technology. We invest heavily in both to provide the best for you.

Bridgeport SERIES II CNC

DO NOT STEP
ON GUARDS



Technology and a Bit of "Black Magic" Make Kinetic Quality The Talk of The Industry

Quality Control is part of every department at The Kinetic Co. Here, in our Heat Treating Department, the heart of quality steel knives and tools, we combine time proven techniques with modern day furnaces and technology so that our inspections, like the Rockwell hardness test shown above, prove Kinetic quality every time



Quality Mirrored in Every Job

It takes a team of specialists – and specialized machines and equipment – to produce the kind of quality our customers have come to rely on. Here, grinding steel mill wear plates gets the same attention to detail as computer tape slitters

Kinetic quality— from start to finish— that's our promise.

You'll probably never find a plant as well organized or as sparkling clean as ours. Or, with such an abundance of state-of-the-art technology and machines. Or, such dedicated and skilled people.

Altogether, it's the result of taking pride in what we do and in continuing to do it well. In addition, we know that quality has a way of shaping every person and every department – from the careful input of raw material to precision machining to the fine quality finished products delivered to you. We take no short cuts.

Kinetic regrinds, repairs, reshapes and rebuilds to save you money.

What began as a customer service operation has become so popular it's now our fastest-growing department: the Kinetic Repair Service Department.

Today, more than ever, it makes sense to buy the best and longest-lasting steel knives and tools not only first time around, but every time around. That's precisely what our Repair Service Department can do for you.

Now, for considerably less than the price of new, you can be assured of Kinetic quality in the repair, reshaping and rebuilding of worn knives. You can also count on Kinetic's professional factory regrinding to original quality specifications.



Kinetic Replacement Parts Meet or Exceed O E M Specifications

A wide range of Kinetic replacement parts are available for our do-it-yourself customers. Here, fingers and core release guides are positioned onto a core release rod.



Heat Treating – A Special Touch

After final repair assembly, our Repair Service Department people harden the carburized fingers and wear parts for longer-lasting service.



Steel Knives Rebuilt From The Bottom Up

Shims, welded to the bottom of worn knives and wear parts used in the steel mill industry, rebuild heights to allow for repair and regrinding that's good-as-new at good savings, too.



Straightened With Machine Accuracy

Steel rolls, winding mandrels and hardened tubes, for both new manufactured and repaired parts, are straightened to within .002" TIR over the entire length to insure minimum runout at high speeds.

Winding Mandrel Repair

All winding mandrel repair requires the expert hands and eyes of our specialists. Here, a core release rod is extracted carefully for repair. Incoming and completed winding mandrels are shown in the background.



Kinetic service—the kind that keeps customers coming back—that's our promise.

When you call Kinetic or any of our representatives, you'll feel important.
And you are!

We know the importance of uptime. And quality. And reliability in the kind of equipment you operate. For more than thirty years people like you have relied on us. And, we've never let you down.

Kinetic service begins even before you place an order and extends long after the sale. It includes our investment in people and facilities second to none. It includes our representatives, willing and able to see problems and find solutions from your side of the desk. It includes trouble-shooting in every step of the operation to make sure that the job or work you order is done right and done on time. Even shipping and follow-up to assure that our good work gets in your hands as promised.

You can count on Kinetic. That's our promise.



Shelf Goods Shipped When You Need It Fast
Kinetic inventories hundreds of popular knives and hardened steel tools for immediate shipping when you need them. And, every day shipments are made to dozens of countries on every continent in the world without problems.



Hot Dip Tool Coating
Except for larger boxed shipments, all Kinetic products are hand-dipped in airtight plastic seal coating for extra protection during shipping and while inventoried in your plant. It's just one more way of saying "We appreciate your business."



Kinetic representatives.

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Our Representative Represents You, Too!

Our goal is to make your Kinetic Representative one of the best people you like to do business with. That means he's special, right from the start. Someone who knows your business, and ours. Someone who cares about your problems. We at Kinetic select our representatives very carefully. So, wherever you happen to do business you can count on your Kinetic Representative to be there; whenever you need him. That's a promise you can count on from The Kinetic Co.



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