



**Tire Shredders –
We've Got The Solutions To
Your Cutting Problems**



KINETIC®

Put A Half Century Of Knifemaking



**Tired of the problems?
Compare our offer to what you do
now for tire shredder blades.**

How good is the service of your current knife supplier?

Do they regularly send you skilled, knowledgeable, factory-trained salespeople? Do they study your operation, troubleshoot your problems, and suggest knife adjustments to improve it? We do. We're The Kinetic Co. Knifemakers since 1948, we will work with you to deliver the best possible knives and blades tailored to your operation.

Or maybe you make your own knives. If you do, you know that process can be a real headache. You have to shuttle steel from machining to heat treating to grinding. Then, there's the freight fees and the aggravation of being an expeditor. And last, you have to consider the quality of the knife you just worked so hard to produce. At Kinetic, we can give you better knives.

Here's the solution

Send us your specifications, and we'll make your knives. Our experts at Kinetic will make the blades so well that all you have to do is unpack the blades and mount them in your shredder – without the delays caused by sloppy tolerances. We'll even stock your blades for you, releasing them as needed. You'll get quality knives and dependable deliveries.

7 reasons to try Kinetic Tire Shredder Blades

1. Materials that take the abuse

We craft knives of the finest metals available:

- High Carbon-High Chrome Tool Steel
- High-Speed Steel
- Ultra-Wear Particle Metallurgy Steel
- Chromium-Plus Tool Steel
- 414 Alloy Steel
- 615 Alloy Steel

We choose materials best suited to your job – highly alloyed tool or high-speed steels that withstand the stresses of your tire shredding operation. The materials we use give tire shredder knives the edge you're looking for.

2. Our heat-treating methods produce wear resistance

Fact: Wear resistance is produced by balancing toughness and hardness. Hardness prevents a knife wearing away from repeated use. Toughness strengthens the knife to resist abuses – like hitting foreign bodies mixed in with the rubber. To attain genuine wear resistance, both characteristics must be brought together in the right ratio.

Using our advanced heat-treating equipment, our experts have perfected techniques that achieve that ratio between hardness and toughness. You get hardness without brittleness, and toughness with wear resistance – durable blades that have the muscle to do the job and stand up to the long-term abuses your operation dishes out. Made from the right steels and expertly heat-treated, our blades won't eat up your production time with costly problems or frequent changeouts.



Experience Into Your Operation

3. Thru-hardened – all the way through

We won't carburize your blades. Carburizing only puts a hard skin on the blade very much like the shell on a hard-boiled egg. Once the skin is gone, the soft core of the blade is exposed. Our thru-hardening and multiple tempering process bring the material to its finest molecular structure – a benefit that gives our blades their longer life and reliability. What's more, because our blades are thru-hardened, you can sharpen them again and again without hitting a soft core.

4. Our edges are extraordinarily sharp

We use two processes to craft edges on our blades: Mattison rotary grinding and hard-turning. However, ours is not your typical rotary grinding work. Our Mattison rotary grinders were built to our specifications, and we equip them with only premium grinding segments. The result? Keen edges and surface finishes like you've never seen. For rotary blades, we offer Kinetic's proprietary hard-turning process – it produces the ultimate edge and a glass-like surface finish. Our hard-turned rotary blades will cut through highly abrasive tires with less wear and tear on your equipment. The amp meter on your motor will confirm the sharpness of these blades.

5. ISO-9002 certified

Kinetic is ISO-9002 certified. ISO certification guarantees consistency and quality. If your first order of Kinetic blades works well for you, every order thereafter will perform in the same unerring way. Peace of mind is no small matter when your uptime depends on the reliability of each part in your machine.

6. Factory-trained advisors regularly support you

Our salespeople don't just stop in when they want an order. They will visit you regularly to check on blade performance, answer your questions, and share their observations about your operation. We understand a very simple fact: you're not making money when you're not shredding tires. Kinetic's goal is to keep your production up and running.

7. We don't just sell knives - we sell solutions to your cutting problems

Whether you use flat shredder blades or rotary hook shredder blades, we can suggest materials and refinements to give your blades better cutting efficiency. We are a knifemaker, not a spare parts supplier. We craft our tire shredding knives every step of the way. We hold them to exacting tolerances. And then we stand behind our work.

Use our experience to improve your production and increase your profits. Learn how easy working with specialists can be. Call Kinetic today!



Kinetic's Regrinding Service

A Cut Above The Rest

Are you getting the same life and performance from reground tire shredder blades as brand-new blades? If not, there's something wrong.

Do you want a brand-new tire shredder blade for a fraction of the cost? If correctly manufactured, a blade can be reground again and again with excellent results. Kinetic's regrinding service can return your worn tire shredder blades to you at one-third to one-quarter the cost of new blades.

Even if your tire shredder blades have been manufactured by a firm other than Kinetic, we can give them new life. We match bevel angles on blades, and our surface finishing skill is unparalleled. You get cutting edges that are free of burrs and scratches.

So if your storeroom looks like a graveyard for worn tire shredder blades – dead ends for your production budget – let us give them new life. And in many cases, perhaps a better life than they had when they were new.



About The Kinetic Co.

The Kinetic Co. was founded in 1948 on the principle that *better industrial knives reduce costs in the long run.*

We began manufacturing rotary slitters for the American sanitary paper industry.

Eventually, we expanded our products to include a complete line of blades, anvils, and mandrels for this industry.

Today, along with our sister company, Microblade Limited of Sheffield, England, we are the largest supplier in the world of industrial knives and hardened-wear products for the sanitary paper industry.

In 1975, we branched out into the metal industries, where we now manufacture a complete line of straight and rotary knives. Our most recent knifemaking achievements have been in the plastic and veneer industries.

While products and processes may change from industry to industry, we have succeeded in all of these markets for two reasons.

One, because we understand how to apply our knowledge of metallurgy, heat treating, grinding/turning, and surface finishing to each product and operation.

Two, because we faithfully heed our founding principle: *better industrial knives save customers money.*

We have proven this principal again and again.

Let us show you what we can do for your productivity and profits.



KINETIC

THE WORLD'S LEADING MANUFACTURER OF INDUSTRIAL KNIVES FOR THE
PAPER, RUBBER TIRE, WOOD, METAL, AND PLASTIC INDUSTRIES

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