

## LUBRICATION SYSTEMS AND SAFETY

- Improved cut quality
- Elimination of fires caused by flammable lubricants
- Excessive down time reduced in the saw house

**International Knife and Saw** has engineered a spray delivery system with complimenting custom designed lubricants. Available in either 24v DC or 120v AC, the system can be easily installed with the assistance of our technical team.

**Our lubricants; HDC-15, HDC-25 and HDC 35** have a zero (0) flash point and are food grade compliant which means they are safe to use and comply with mill safety standards. MSDS sheets are available.



### CBN GRINDING WHEELS

**Our CBN grinding wheels** maximizes the cutting performance of our Log Saw blades. Manufactured specifically for reshaping of Log Saws, we offer these wheels in the highest grade virgin CBN using a superior bond with a variety of grit sizes.

### Log Saw Blade Safety Carriers

manufactured by International Knife and Saw are designed to protect your operators from lost time accidents when handling these razor sharp tools during blade changes."



**We also supply thousands of other types** of knives used in several diverse industries. The knives we are supplying to the metal, plastics and rubber industry are recognized for their toughness and durability in the harshest of environments. Our knives are supplied to our customers from either stock or custom built with a minimal lead-time. The knives we provide to the pulp, paper and printing industry are considered "World Class." As a technology leader to this industry, International Knife and Saw pioneered the use of powdered metal, sintered carbide and bimetallic knives. Today International Knife and Saw continues to take the role as an innovator and market leader to the select industries we serve.



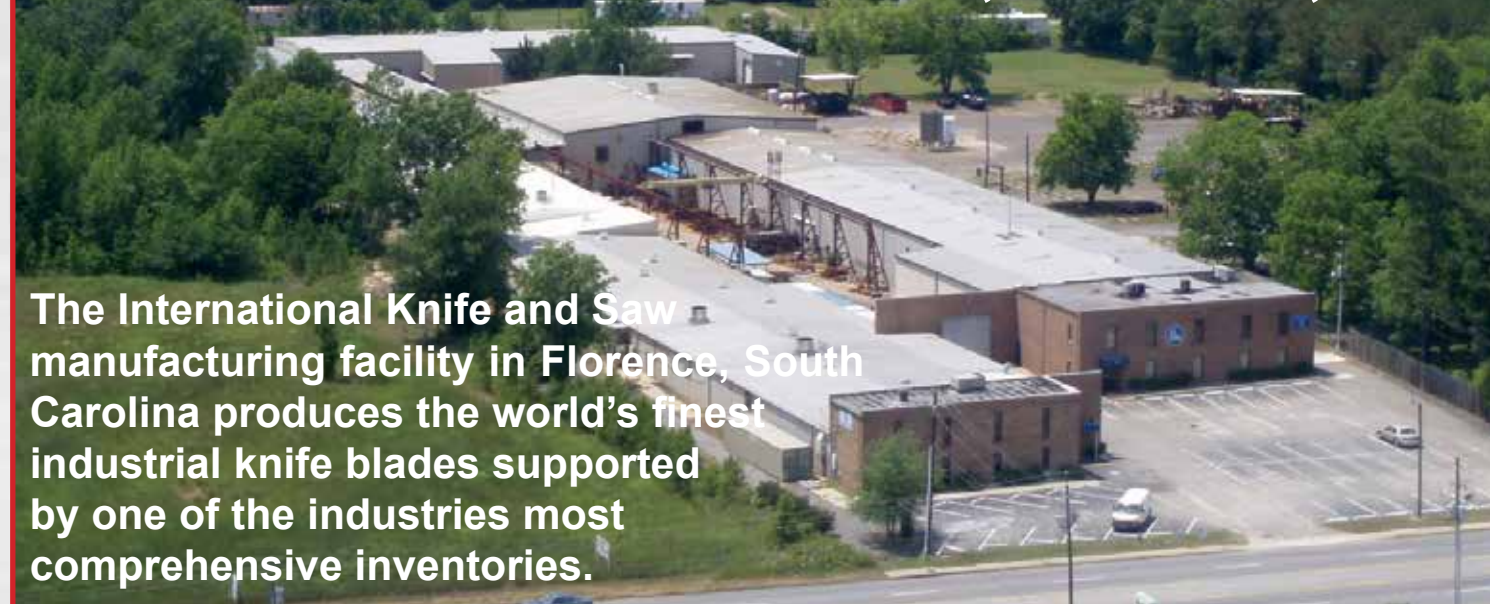
## Machining



## Heat Treating



## International Knife and Saw, Florence, SC



The International Knife and Saw manufacturing facility in Florence, South Carolina produces the world's finest industrial knife blades supported by one of the industries most comprehensive inventories.



Inventory

### KNIVES AND ACCESSORIES FOR TISSUE INDUSTRY

- Log Saws
- JRT Saws
- Perforator Knives and Anvils
- Slitter Knives and Slitter Holders
- Core Cutters and Core Saws
- Wrapper Knives
- Bandsaws
- Folder and Tucker Blades
- Creping Blades
- Lubrication Delivery Systems
- Lubricant
- Grinding Wheels
- Safety Gloves and Sleeves
- Blade Edge Guard
- IKS Patented Log Saw Blade Grinding System



## International Knife & Saw

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# Knives & Saws for the Tissue and Towel Industries

[www.iksinc.com](http://www.iksinc.com)



## LOG SAWS

**International Knife and Saw's** American made Log Saw blades have been selected as the blade of choice for the most demanding end users who insist they must receive the highest quality Log Saw blades in the world. In our Florence, South Carolina facility, we employ highly skilled saw smiths and use the strictest process control standards in the Industry to insure our customers will receive the very best blades on each and every order.

**Our controlled triple tempering heat treating process** ensures consistent uniform hardness and flatness. Grinding and beveling operations are performed to close tolerance, quality control procedures are followed to obtain the precise run out, exact parallelism, superior surface finish and dimensional accuracies needed in today's market.

**To insure that we ship the highest quality blade,** tension and axial run out tests are performed on each blade. A guaranteed maximum lateral run out of .006" T.I.R exceeds industry standards, and prevents "Stop Signing", the primary cause of premature blade failure. Tension is also recorded and documented to insure the stability of each blade, enhancing cut quality. Each blade is carefully packaged with a certificate of final inspection... quality assurance you can count on for high -speed, trouble free cutting.

**Our saws** are manufactured from only the highest quality High-Carbon, High Chrome, mill certified (D-2) high alloy tool steel. We offer various choices of bevel dimensions to fit any application in the industry. Our blades can be plated with various surface finishes to enhance their performance in the most extreme cutting environment, thereby increasing life cycles and decreasing maintenance requirements. From our huge inventory and global locations we are able to provide immediate shipments to our customers.



## JRT

**International Knife and Saw** specializes in manufacturing Jumbo Roll Tissue and Towel Log Saws in 32" / 810mm and 39" / 1000mm diameters, available in stock from our Florence, South Carolina facility. Other custom sizes, such as the increasingly popular 34 1/4" / 869.95mm size can also be delivered with minimal delay. Using our high alloy D-2 steel, our craftsmen precision build and properly tension every blade. Before shipping each blade is always 100% inspected to insure we are shipping Log Saws with the tightest tolerances in the industry. Our maximum lateral run out is .010". For increased JRT Log Saw enhancement our **patented EXO Technology™ Nickel Boron plating** can be applied on to the blade substrate to give a highly lubricious surface finish that will contribute to increased amount of cuts per blade, reduce lubricant usage and improve cut quality. Visit our web site at [www.iksinc.com](http://www.iksinc.com) for additional information on this patented metal finishing technology.



## TECHNICAL SERVICE AND TRAINING

**In addition to our high quality product offering** we also deliver true hands-on technical service through our Quality Cut Program (QCP™) which is designed to assist our customers with meeting production, safety and quality goals. Our technical support team travels globally, working with the largest tissue converters in the Industry. Our team has over 200 years of combined experience in the cutting tool industry, so if you need quality, backed by solid engineered solutions contact us soon and schedule a Log Saw trial and operator training event at your facility.

## PERFORATOR BLADES

**International Knife and Saw** offers a full range of perforating blades and anvils for all types of equipment, each manufactured to meet any customer's unique specifications.

Using select alloyed tool steels, custom designed equipment and strict quality control programs we grind each blade to exact tolerances and dimensional accuracies, providing our customer with a consistent quality product that can be depended on to deliver added value to their manufacturing process.

Our EXO Technology® plating technology applied to our precision built perforator blades combine to give you the ultimate cutting tool, enabling you to achieve the longest possible blade life.

## MISCELLANEOUS KNIVES

Complimenting our full line of log saw blades, tissue perforator blades, slitter knives, core cutters and core saws; we also provide a variety of specialty knives for folding, packaging and wrapping. Both fly and anvil knives are available. All performance matched to your individual application and engineered to OEM specifications.

