



NEWS FROM THE CUTTING EDGE

Helpful Tips From The Professionals At Hyde IBS

WELCOME to the first e-issue of "News From The Cutting Edge"! Through this venue we will periodically share helpful bits of information gathered by the professionals at Hyde IBS and more importantly lessons we've learned and success stories in the field from our valued customers. Hyde IBS serves a variety of industries each with a multitude of applications. By sharing this information with you, we hope that it might spark new innovations and improvements in productivity in your operation. We hope you'll find something of interest to you and your business. We'd like your feedback on what you would find helpful. E-mail us at info@hydeblades.com

LEADING EDGE PRODUCTS:

Need to cut something tough? **Hose Hog Circular Knives and Blades and Hand Knives** are designed for cutting hose and tube materials in the production process or in aftermarket applications by professionals. Whether for the manufacturing plant or in the field, these blades move through the toughest materials including tough wire reinforced hose and deliver smooth cuts time after time.



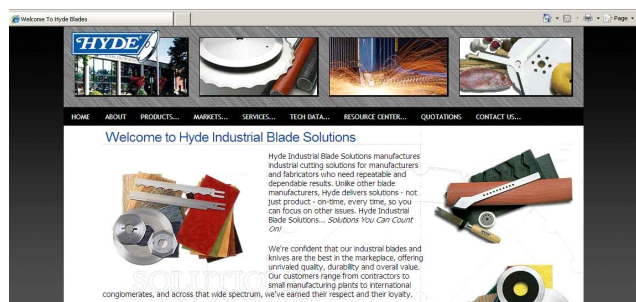
Hose Hog Circular Knives and Blades are used in the automated manufacturing of rubber products including tires, hose, gaskets, belting and mats as well as process trimming of tire pin vents. These blades can last up to five times longer than competitive blades by employing the highest manufacturing and quality control standards in their design and production.

Unlike abrasive wheels, which hack a path through materials and generate heat, smoke and debris that can contaminate hydraulic cutting systems, these circular blades and knives slice cleanly through the work eliminating large volumes of waste.

More information: www.hydeblades.com/literature/pdf/hose-hog-blades.pdf

SOLUTIONS:

We've launched our **new enhanced website** at www.hydeblades.com. The new site allows you to easily find solutions to your tough cutting applications by market and provides details on our line of industrial knives and blades. You can also learn more about special services we offered to you including **custom fabrication, laser cutting, high speed blanking, heat treating and grinding and polishing**. Visit us at www.hydeblades.com



COLD HARD STEEL FACT: Selecting Steel For Industrial Blades

When designing industrial blades for an application, it is important to know what the desired objectives are and to choose the right steel to meet those objectives. Different applications have different requirements and present different challenges. No one steel will "do it all". Here are some quick tips on what to consider:

- **Wear resistance** is directly related to the blade's life expectancy. The higher the wear resistance, the longer the blade will last.
- **Shock resistance** is the blade's ability to withstand sudden impact at the cutting edge.
- **Corrosion resistance** -- We certainly don't want our food to be processed with a rusty blade!

There is a direct correlation between wear resistance and shock resistance – as one property increases, the other decreases. The trade-off is due to the fact that wear resistance is gained through adding hardness and brittleness, thus reducing shock resistance. Although typically we want a blade to last as long as possible, certain applications introduce “shock” to the blade, and for those, shock resistance has to be a major consideration.

For more information on choosing the right steel and blades for your applications, contact us at info@hydeblades.com

TRADE SHOW SCHEDULE: Visit us at these upcoming trade shows or conventions:

- **NIBA – The Belting Association – September 18th-21st, Phoenix AZ**
- **Affiliated Distributors (A-D) – ISD-NAM – Industrial Supply Division North American Meeting – September 20-22nd, Dallas, TX.**

OUR SOLID STEEL OFFER: *For your first order, use our blades for 60 days before you pay. If Hyde blades don't perform at least as well as your current supplier, simply return them for a **full credit!** That's how **confident** we are in our blades!*

For all your industrial blade needs, Hyde IBS offers solutions you can count on!

Solutions You Can Count On!

Hyde Tools, Inc. 54 Eastford Road, **Southbridge, MA 01550**

Tel: 508-764-4344 or 800-USA-HYDE (800-872-4933) Fax: 508-764-8172

www.hydeblades.com

email - info@hydeblades.com