



## NEWS FROM THE CUTTING EDGE

*Helpful Tips From The Professionals At Hyde IBS*

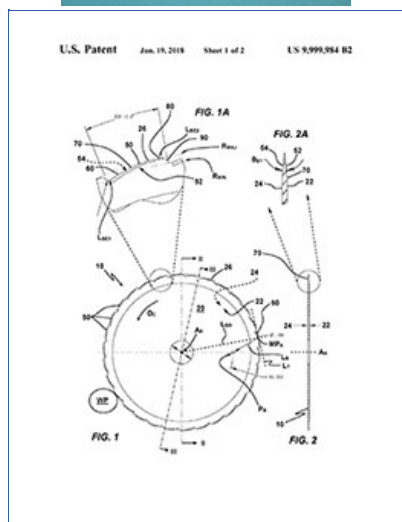
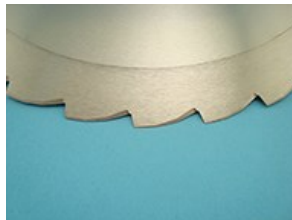
Big news abounds in early Summer for Hyde! Happy to announce a patent has been granted for one of most popular products, Meat Miser™ Food Processing Blades! We also bring you good news from the field across a variety of industries served by us. For your reading enjoyment, we talk grinding and grinding wheels in another Cold Hard Steel Fact.

If you have a unique cutting application, e-mail us at [info@hydeblades.com](mailto:info@hydeblades.com) and we can help create new opportunities for your business today and in the future. Grab a glass of ice tea, stay cool and breeze through this issue!

### LEADING EDGE PRODUCT:

#### U.S. PATENT GRANTED TO OUR MEAT MISER™ FOOD PROCESSING BLADES

### MEAT MISER



#### Reduce waste and improve per piece yield for meat and poultry processors

In June, our line of Meat Miser™ Food Processing Blades was granted U.S. Patent 9,999,984, and confirmed what Hyde customers already knew. These are some special blades! (But, it would have been cool to "wait" 16 more patents and gain number 10,000,000!).

With their special design, Hyde Meat Miser Blades are engineered for maximum performance and minimal waste with deeper "arcuates" or "swooping teeth" than other blades for a cleaner and more aggressive cutting action. The blades' beveled edges replace more traditional scalloped-edge blades that can rip or tear the meat and are slower through the cut.

### TRADE SHOW SCHEDULE

Visit us at these upcoming trade shows or conventions:

#### September 12-15, 2018

NIBA/PTDA Joint Convention  
(Belting/Fluid Power),  
Phoenix, AZ

#### October 7-9, 2018

NetPlus Alliance National Meeting  
(Industrial),  
Phoenix, AZ

#### October 21-24, 2018

A-D ISD NAM National Meeting  
(Industrial),  
Orlando, FL



**Our Solid Steel Offer:**  
Receive a refund if  
you are not satisfied  
with our product in  
the first 60 days!

*Don't miss this information*

The arcuates enter the cut gently along the long arc without tearing into the food to be processed, slicing the meat cleanly. In all types of cuts, these blades reduce waste and rework by poor cuts, cutting rework costs and increasing output and finished product net weight.

For more information on Meat Miser Food Processing Blades:

<http://industrialbladesandknives.com/wp-content/uploads/2014/11/meat-miser-blades.pdf>

## **CUTTING EDGE SPECIAL OFFER:**



### **SPECIAL! 25% OFF Replacement Granulator Knife Bolts for Recycling Machines!**

Try them, you'll like them. Between now and September 30, 2018, take 25% off your first order of replacement Granulator Knife Bolts from D&S Manufacturing, a division of Hyde.

When granulating knives for the recycling industry don't perform or worse, have a catastrophic event, it can result in hours or even days of costly downtime of production lines. Failure of fastening bolts on the knives can result in damage to the more expensive knives and/or recycling processing machines.

Bolts stretch and wear over time. Equipment manufacturers recommend replacing bolts every time knives are sharpened or replaced. Replace yours today with this great money off special!

Contact us at: [info@hydeblades.com](mailto:info@hydeblades.com)

More: <http://www.industrialbladesandknives.com/markets/plastics-processing/>

## **CUTTING EDGE NEWS RECAP:**

### **ECONOMIC OPTIMISM CUTS ACROSS PLASTICS, CLOTH AND TEXTILE AND HYDRAULIC HOSE MARKETS**

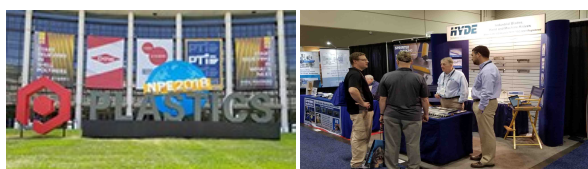
#### **National trade shows and conventions time to gather and discuss state of the industries**

Springtime is always a busy time for us with shows and conventions, and this year was no different. In May, we attended 3 events from 3 very different industries. Here's a quick "show summary":

**NAHAD Convention** – Marco Island, FL - The annual gathering of hydraulic hose distributor/fabricators. Our full range of Hose Hog hose cut-off blades was on display, so this is always a great venue for us. The meeting was extremely upbeat, and business optimism remains strong.



**NPE 2018** – Orlando, FL – NPE is the leading plastics industry show, held every 3 years. This year's show had more than 2,100 exhibitors and offered over 1.2 million square feet of exhibits – wow! Attendance set a new record, as well. This show was our first major foray into the plastics world since our acquisition of D&S/PDK back in May 2016. We met a lot of very interested users from all over North and South America and came away with some great opportunities, while also getting a full immersion into plastics technologies of all types. Our granulator and pelletizer product ranges sure seemed to garner a lot of interest and attention!



**TexProcess Americas** – Atlanta, GA - This every-other-year show targeting the cloth and textiles markets. Another successful event with attendance up 4% from the 2016 show! The major theme of the show was “automation, automation, automation”. Jobs that used to be done manually are moving rapidly to full automation, even in developing countries. Thankfully, our product offering covers not only the traditional manual cutting operations (of which there are still many), but also has us poised to continue to grow as automated cutting grows.



Economic optimism is running high across all the industries we service – these recent events confirm that. The common theme of each of these events is that there's lots of opportunity out there and its incumbent on us all to be proactive and go for it!

More on plastics:  
<http://www.industrialbladesandknives.com/markets/plastics-processing/>

More on cloth and textiles:  
<http://www.industrialbladesandknives.com/markets/cloth-and-textile/>

More on hydraulic hose cutting:  
<http://www.industrialbladesandknives.com/markets/hose/>

**COLD HARD STEEL FACT:**  
**THE IMPORTANCE OF TRUING & DRESSING GRINDING WHEELS**

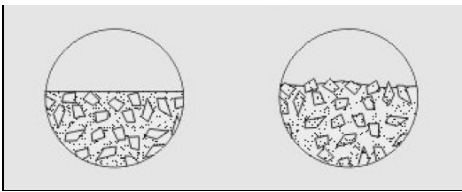


When it comes to grinding steel one of the most important factors is the way the grinding wheel is trued and dressed. Truing is a process in which you remove a small amount of the wheel to make sure it is completely round. Dressing is a process in which you are breaking down the wheel to either make it coarse or make it very fine. Why is this so important? If you do not have a wheel that spins true you are likely to see a phenomenon known as “chatter”. Chatter is a type of finish that makes it look like the piece has waves on top of it. While it may not have a great effect on the product itself, it sure does not look good. The process of truing a wheel can help prevent this scenario from occurring.

Why is dressing so important? Dressing can affect how the grinding wheel behaves. If a wheel is dressed to be “closed” it will act more like a fine grit wheel. You are effectively introducing more cutting edges into the cut. With more cutting edges you can get a better-looking finish and introduce less force into the grinding wheel. This is something that is typically done to reach a smoother surface finish. If a wheel is dressed to be “open” it will act like a coarse grit wheel. There will be fewer cutting edges moving through the grind zone. This is something done when you are trying to increase the material removal rate. Fewer cutting edges also means more force to the grinding wheel because there are not as many points to distribute the force over.

To explain the difference	closed structure	opened structure
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between coarse and fine a little better, consider this analogy. Imagine you are standing next to a river with two buckets you plan to fill it with water.



The first bucket you move through the water quickly only filling up the bucket a small amount and it didn't require a lot of energy. The next bucket you move through the water slowly but get a lot more water. This time you had to use a lot more energy to fill the bucket. So with a fine grit wheel the cutting points will move by quicker than a coarse grit wheel. Thus, the importance of truing and dressing during your grinding operations!

For all your cutting applications, contact our sales department at [sales@hydetools.com](mailto:sales@hydetools.com) for a no obligation consultation.

Sources:

[www.slideshare.net/konalartist1/grinding-machines](http://www.slideshare.net/konalartist1/grinding-machines)

[www.inter-diamant.pl/english](http://www.inter-diamant.pl/english)

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**Hyde Industrial Blade Solutions — Solutions You Can Count On!™**



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