



NEWS FROM THE CUTTING EDGE

Helpful Tips From The Professionals At Hyde IBS



It's been another great year of exciting news at Hyde IBS. We've had key additions to our customer support and product development staffs, major events and product intros including:

FEB – Hyde becomes one of the first blade manufacturers to attain ISO 9001:2015 standards certification

MAR – PDK Design & Grinding & D&S Manufacturing complete move to Southbridge

APR – Jeremy Dexter joins us as director of product development engineering

AUG – Underwater and Water-Ring Pelletizer Knives for the polymer processing industry introduced

OCT – Dehider Blades for beef cattle, hogs and sheep used in food processing introduced (see accompanying article below and more in this issue of The Cutting Edge).

Thanks to our valued customers, distributors and employees for making this year a success! If we can be of service to you in the new year, we'd love to hear from you. Please e-mail us at info@hydeblades.com.

LEADING EDGE PRODUCT:

NEW DEHIDER BLADES FOR BEEF CATTLE, HOGS AND SHEEP REMAIN SHARP OVER TIME TO HELP REDUCE DAMAGE AND INCREASE YIELD
Available in stock for immediate delivery



TRADE SHOW SCHEDULE

Visit us at these upcoming trade shows or conventions:

January 8-10, 2018

Northwest Food Processors Expo (Food Processing), Portland, OR

January 30-February 1, 2018

Int'l Production and Processing Expo (Food Processing), Atlanta, GA

February 19-21, 2018

Plastics Recycling 2018 (Plastic Processing), Nashville, TN

March 11-13, 2018

Seafood Expo North America (Food Processing), Boston, MA

March 20-25, 2018

CAFA Convention (Abrasives), Miramar Beach, FL

April 14-16, 2018

ISA Convention/Show (Industrial), Baltimore, MD



In the food processing industry, processors strive daily to get the most yield and use out of all parts of an animal. Waste can result in loss of income and profits. Our new **Dehider Blades** are designed to assist operators in reducing waste and deliver the highest possible hide quality from beef, hogs or sheep carcasses without damaging holes or marks.

Hyde Dehider Blades are tested extensively on the toughest regions of the animal's body including necks and fore legs to withstand the harshest conditions over time. They are manufactured to exacting tolerances under ISO 9001:2015 factory conditions, and are equal to or better in performance than blades found on OEM dehider tools to assure consistent throughput in plant conditions.

Made in the USA from durable, high-quality tool steel for long life, Hyde Dehider Blades are available for immediate delivery. These blades are engineered with a v-tooth design along the outer edge and are provided in matched pairs to ensure proper alignment and operation. They come sized at 4.3"/110 mm OD (outer dimension) and are supplied with bushings for proper mounting.

For more information, visit our website and download our brochure at: <http://industrialbladesandknives.com/wp-content/uploads/2015/09/beef-pork-blades.pdf>.



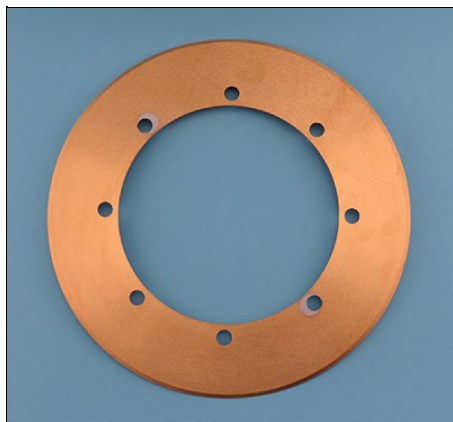
Our Solid Steel Offer:
Receive a refund if
you are not satisfied
with our product in
the first 60 days!

[Request Information](#)

COLD HARD STEEL FACT MODERN COATINGS BOOST HARDNESS AND CAN EXTEND TOOL LIFE UP TO 3X

Coatings is a broad term that can describe everything from simple paint to the more complex process of physical vapor deposition (PVD). In our world of cutting tools, we are usually referring to the latter. We use them to improve the properties of the tool that it is applied on, such as wear resistance, lubricity or improving corrosion resistance. While there are many different kinds of coatings, one of the most popular is TiN (Titanium Nitride), which is characterized by its gold color.

PVD coatings are applied by several methods, but a common one is through evaporation. Within a vacuum furnace, the pure substrate (Titanium in this case) is evaporated and mixed with gases (Nitrogen). This gas mixture then uniformly coats the parts that are also contained within the vacuum chamber. Coating thickness is typically only 0.00020" or 1/14th the diameter of a human hair!

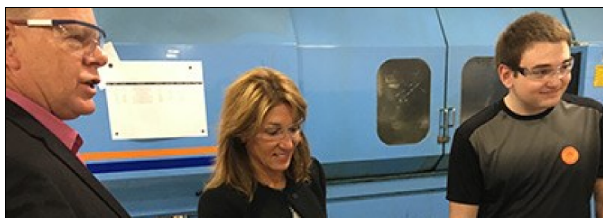


Another important characteristic of PVD coating is that it creates a thermal barrier between the tool and the material being cut. Pretty much all forms of cutting introduces friction and heat...and if the tool gets hot enough, you can temper the hardness right out of it. The now softened cutting edge will wear out much faster than if the hardness had been maintained. Modern coatings both boost hardness while deflecting heat away from the steel core. While the coatings can be expensive to add, tool life can improve 3X!

If you are experiencing cutting tool failure, contact our sales department at sales@hydetools.com for a no obligation consultation.

Ref. <https://www.oerlikon.com/balzers/us/en/portfolio/surface-technologies/pvd-processes/>

HAPPENINGS AT HYDE: LEADING THE CHARGE FOR U.S. MANUFACTURING





Left to right: Hyde Vice President Bob Clemence, Massachusetts Lt. Governor Karen Polito and Hyde CNC Operator Jacob Rojee examine a wedge lock rotor and blades used in plastics processing from Hyde and PDK Design & Grinding.

Showing support for manufacturing in the region, we recently had a visit from Massachusetts Lt. Governor Karen Polito who had a first-hand look at our operations in Southbridge. During her tour, Lt. Governor Polito met with senior executives and many of the fine employees at our plant to discuss the future state of manufacturing here and across the U.S.

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



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