

# DIAMOND BLADES, BITS & RIGS

## DELIVERING MORE FEET, DEEPER HOLES AND GREATER VERSATILITY

**D**iamond saw and drill product manufacturers are continually developing new technologies to improve the dirty, dangerous business of cutting and coring concrete, masonry, tile and stone. These companies are improving the productivity, profitability and lives of sawing and drilling professionals across the globe.

### BARTELL MORRISON

Bartell Morrison is constantly upgrading existing products and adding new ones. For 2016, Bartell is upgrading its highest-volume 14-inch blades with no additional cost to the dealer. The model 14BSM0.4 general-purpose blade now measures in at close to a 13mm-tall sintered segment, up from 10mm. The 14BSM1.4 has been upgraded from sintered to laser welded.



DURGIN

"We've also added a fourth quality level in our true combination blade series, the 2CP," says Jeff Durgin, a national authority on diamond blade technology and president of Bartell Morrison USA. "These combination blades will cut everything from asphalt to stone and make it a no-brainer for the user. This gives Bartell Morrison a total of four quality levels and the lowest price point on combination blades."

Need to drill a little deeper? Bartell now offers the CBW1.4 series core bit. This bit gives the user a full 18 inches of drilling depth, where standard bits stop at 14 inches of usable depth.

Tired of the same old grind? Bartell now offers the Samurai-lite cup wheel in four- and seven-inch diameters for aggressive, high-performance grinding at the cost of an economy double-row cup.

For users looking for a true high performance blade, Bartell Morrison has introduced the Samurai II. It offers a diamond-segment-ribbed core to keep the blade cutting freely at deeper depths. It also offers undercutting protection on every segment to eliminate to chance of segment loss from an undercut core.

"Combine these features with the highest quality diamond around and you've got the recipe for success. We guarantee if it's not the best blade your customer has used, we'll take it back . . . period," Durgin states.

*Bartell Morrison has been in a flurry of new product development lately, as seen in its model BSM2CP combination blade, CBW1.4 core bit and Samurai-lite cup wheel in four- and seven-inch diameters.*

CONTINUED ON PAGE 42

# Your Trusted Partner



Everything you need for cutting, grinding, drilling and thriving.

- Family owned company with **GOOD** people who really care!
- **EASY** to do business with!
- Solve problems by providing **SOLUTIONS!**
- **TRUSTED** partner focused on what our customers want!
- Work with our customers to maximize margins and **SELL MORE!**
- **EXPERT** knowledge of our customers business!
- Excellent products, consistent **QUALITY** and always in stock!

Contact us at **800-850-2044** | [Lackmond.com](http://Lackmond.com)

**LACKMOND**  
PROFESSIONAL DIAMOND TOOLS & EQUIPMENT





**LACKMOND PRODUCTS**

Marietta, Ga.-based Lackmond Products has been serving the professional construction and plant maintenance markets for over 20 years. Lackmond has a well-earned reputation for quality products and service as diamond cutting and drilling tool specialists.

*Lackmond's 14-inch STS-6 lays claim to being the first-ever true multi-application diamond blade utilizing patterned diamond technology. It has a .400-inch usable diamond depth.*



SKAFF

"Diamond blade technology is evolving, and part of the new evolution in the manufacturing process is pattern diamonds, where the diamonds in the cutting segment or rim are arranged in a specific order resulting in consistent wear and much longer life," begins Ted Skaff, Lackmond's vice president of marketing. "In addition, the need for a real multi-application diamond blade that cuts a variety of materials equally well has been growing."

A true multi-application blade provides the contractor more versatility on different jobs without over-investing in an assortment of various blades. Lackmond has answered these demands with its STS-6, the first-ever true multi-application diamond blade utilizing patterned diamond technology.

"Lackmond's generation patterned diamond technology is the most advanced patterned diamond process and evenly aligns the diamonds into rows within the blade's segment," Skaff states. "This precise alignment ensures the maximum amount of diamonds contacting the cutting surface at any given moment. The net result is a diamond blade with consistent segment wear rates and approximately 30 percent more cutting footage vs. comparable blades."

The STS-6 also features a specially designed bond and matrix for effective use across multiple applications and varying aggregate hardness. It delivers exceptional performance in softer base materials. It has undercut protection segments, a .400-inch usable diamond depth

and a slanted core design for maximum cutting speed. The 14-inch STS-6 blade also boasts a pre- and post-tensioned core to eliminate loss of tension.

**MK DIAMOND PRODUCTS**

MK Diamond Products Inc., an American, family-owned company since 1868, is a recognized world leader in the manufacturing of equipment for cutting, coring and polishing all types of masonry, concrete, tile and stone products. The company's Manta III core drill rigs are powerful all-purpose rigs for coring holes up to 14 inches in diameter in all types of concrete floors, walls and ceilings. These rugged rigs feature 2 1/2-inch steel columns, and Milwaukee motors and are perfect for rental or construction businesses.



DELAHAUT

"Manta III core drill rigs feature a rack and pinion gear-system that gives the operator excellent control of the drilling pressure and cutting speed," explains Brian Delahaut, MK Diamond vice president. "The control box with amp meter helps the operator control the cutting load."

The MK-Manta III core drill is designed for use with five models of two-speed Milwaukee 15- or 20-amp motors that provide correct cutting speeds over a wide range of core bit diameters. Shear pin or friction clutch configurations are available.

Each Manta III rig has positive anchoring for vertical and horizontal drilling. At the top of the column is a strong jackscrew that allows for additional bracing to overhead or opposite surfaces. For Combo Base models, a vacuum pump provides quick and reliable mounting to smooth concrete slabs and floor surfaces.

CONTINUED ON PAGE 44

*MK Diamond's Manta III core rig drills holes up to 14 inches in diameter, offers the user 2 1/2 inch steel-column construction and choice of five different 15- or 20-amp Milwaukee motors.*







Star Diamond's Cool Core blade generates significantly more airflow around the blade, which keeps it running cooler and reduces the chance of tension loss, segment loss or breakage.

and convenience, observes John Bernat, John M. Bernat, CSO, founder and president. "At Star Diamond Tools we have developed a blade that meets those criteria, but also takes into account operator safety. The Cool Core combination blade features an exclusive steel core design that keeps the blade operating much cooler than other blades."

» LEARN MORE

- [www.bartellglobal.com](http://www.bartellglobal.com)
- [www.lackmond.com](http://www.lackmond.com)
- [www.mkdiamond.com](http://www.mkdiamond.com)
- [www.stardiamondtools.com](http://www.stardiamondtools.com)

STAR DIAMOND TOOLS

When diamond blades overheat, they lose their tension, start to wobble and then jam in the cut. This can result in the blade breaking up or losing a segment, which then becomes a flying projectile.

"When looking for a diamond blade, contractors usually are looking for a mix of economy, production

Star Diamond's exclusive Cool Core design dramatically increases the amount of air flow cooling the blade, which significantly reduces its chance of overheating.

The Cool Core combination blade also features a fast cutting 15mm high alternating laser welded turbo segment that will cut most construction materials like concrete, asphalt, brick and block. **CS**



Infinite Fastening Solutions.

IRE Booth #710

**BECK. You would be surprised where you can find our products!** For instance, "BECK Space Staples", designed to meet the exacting specifications for space satellites. Throughout our history, our passion for creativity has driven us to continually envision the next generation of fasteners and tools - from space...right down to your jobsite.



TOOLS WITH THE POWER TO PERFORM



TRIUMPH TWIST DRILL QUALITY CUTTING TOOLS



NEW! 3-Flat Jobber Length Drill

Corresponding Sets Available. Please contact customer service.



- Point: 135° Split Point
- Material: Premium Grade High Speed Steel
- Coating/Finish: Black and Gold
- Other: Jobber Length, Heavy-Duty Construction
- Fractional Sizes: 3/16" and Larger - 3 Flats on Shank



[triumptwistdrill.com](http://triumptwistdrill.com)    800-942-1501    [customerservicettd@mntwist.com](mailto:customerservicettd@mntwist.com)



Get professionally connected by visiting [www.fascoamerica.com](http://www.fascoamerica.com) or call 800-239-8665.



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