



PCD GRINDING SYSTEMS



Keystone Engineering & Mfg. Corp.

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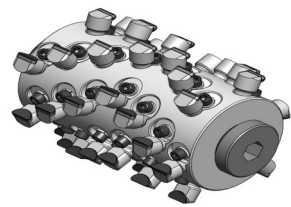
www.keystonecutter.com

Made in the USA

- Pavement Markings Removal
- Rumble Strip Grinding
- Inlays
- Grooving
- Grinding
- Scarifying

INDUSTRY LEADER IN PCD TECHNOLOGY

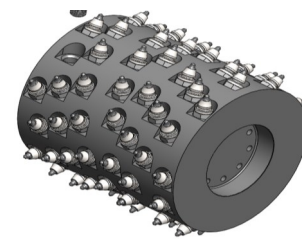
Keystone Engineering was the first company to bring PCD cutters to the surface grinding market, changing the industry forever. Keystone PCD cutters last up to 40 times longer than carbide tools, and can increase forward production speeds by five times in many grinding applications.



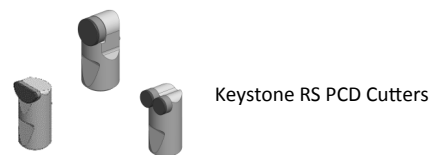
PCD Line Removal and Scarifying



PCD Micro-Milling



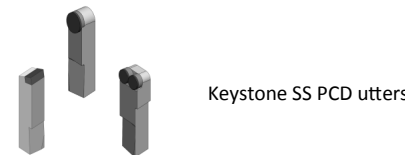
PCD Rumble Strip Grinding



Keystone RS PCD Cutters



Keystone D-540 PCD



Keystone SS PCD utters

PCD SOLUTIONS FOR ALL GRINDING APPLICATIONS

Keystone drum systems can be adapted to any OEM grinding machine. No machine is too small or large, from walk behind grinders with limited horsepower to full lane milling machines with 1,200 horsepower.

[Pavement Marking Removal and Inlays](#)

[Milling & Micro Milling](#)

[Banana Cuts and RPMs](#)

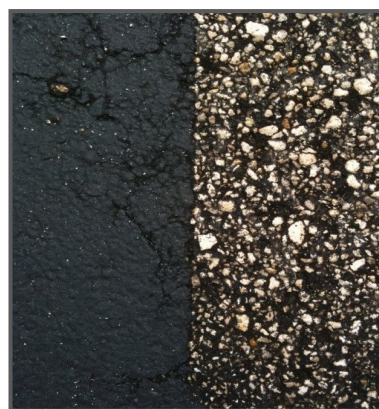
[Surface Preparation](#)

[Rumble Strip Grinding](#)

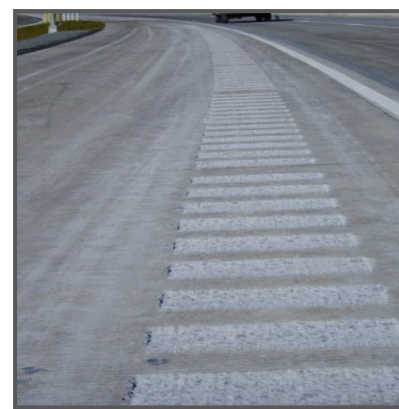
[IRI Improvement—Corrections](#)

[Skid Resistance](#)

[Maintenance Grinds](#)



Coatings Removal with RS PCD Flat Bit



Rumble Strip Grinding with D-540 PCD



Runway Markings Removal with SS PCD Flat Bit



Micro Milled Surface with D-540 PCD



IRI Improvement with SS PCD Flat Bit

MAKE THE SWITCH TO PCD:

- **INCREASE PRODUCTION RATES**

Keystone grinding drums use Keystone's proven angles of attack that require less energy than flail cutters and stackable blade removal systems. Optimizing cutting efficiency allows for more demanding grinding with less horsepower and improved fuel efficiency.

- **REDUCTION IN MAINTENANCE COSTS**

Reducing vibration during the cutting process decreases the amount of wear and tear on the grinding machine at large, decreasing the amount of breakdowns and costly replacement parts.

- **DECREASE COSTLY DOWNTIME**

Keystone's PCD cutter bits outlast carbide cutting bits up to 40 times, keeping the grinders in the cut.

- **SMOOTHER SURFACE FINISH**

Keystone PCD cutters are precision machined to maintain a smooth and uniform surface pattern.

- **LONGER LASTING SYSTEMS**

Keystone drum systems will last up to three times longer than stackable blade systems and up to ten times longer than flail systems.

- **LARGE SELECTION OF CUTTER BITS**

Keystone has the largest selection of PCD tools on the market and they come in a variety of sizes and shapes to make sure the right tool is available for any job.

- **IMPROVED WORKING ENVIRONMENT**

Reducing vibration and labor hours to change worn cutting tools will improve operator's work environment.



Concrete Texturing with SS PCD Flat



Inlay Markings with RS PCD Flat Bit