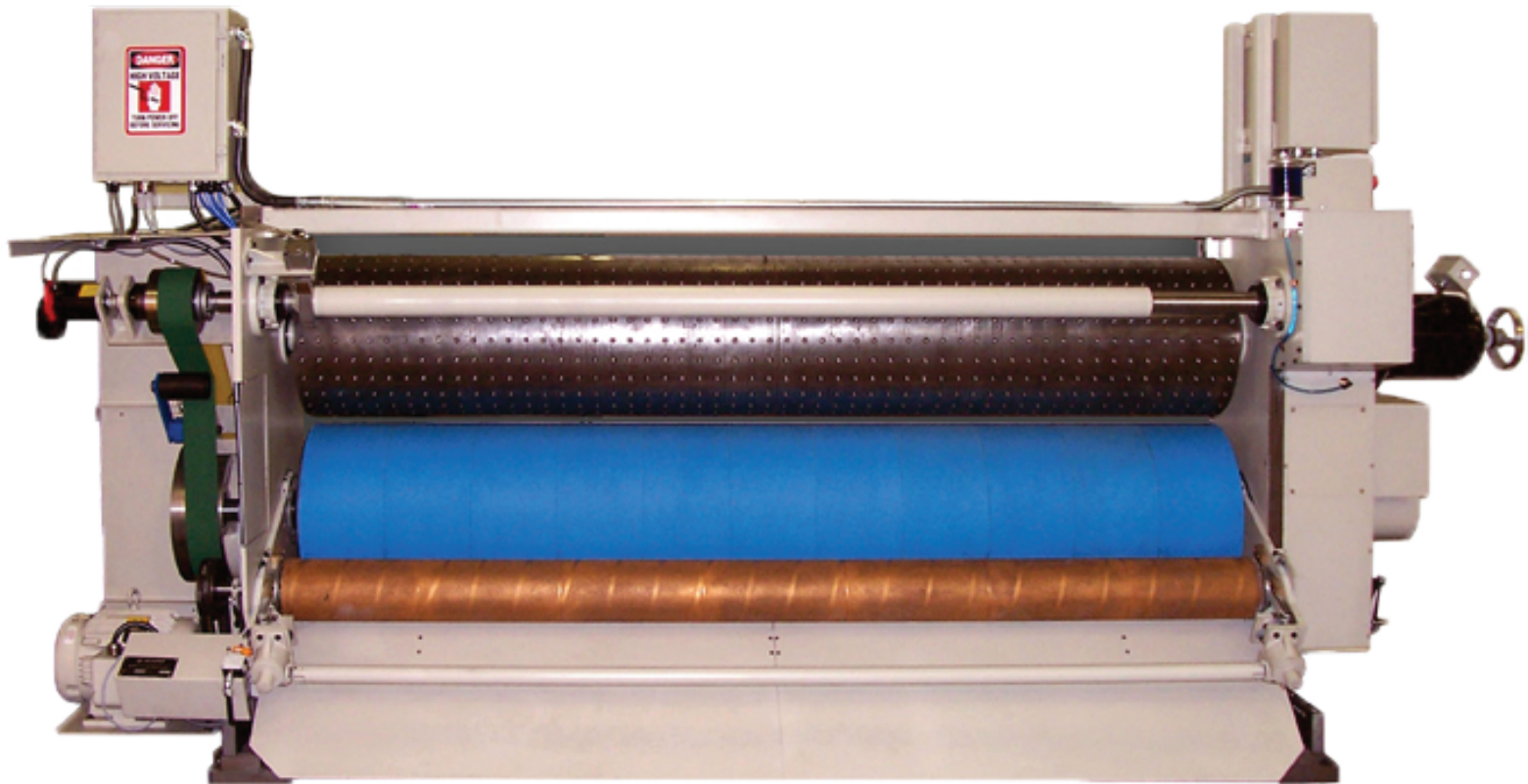




MicroGrind® from SUN Automation Group®



FEEDING

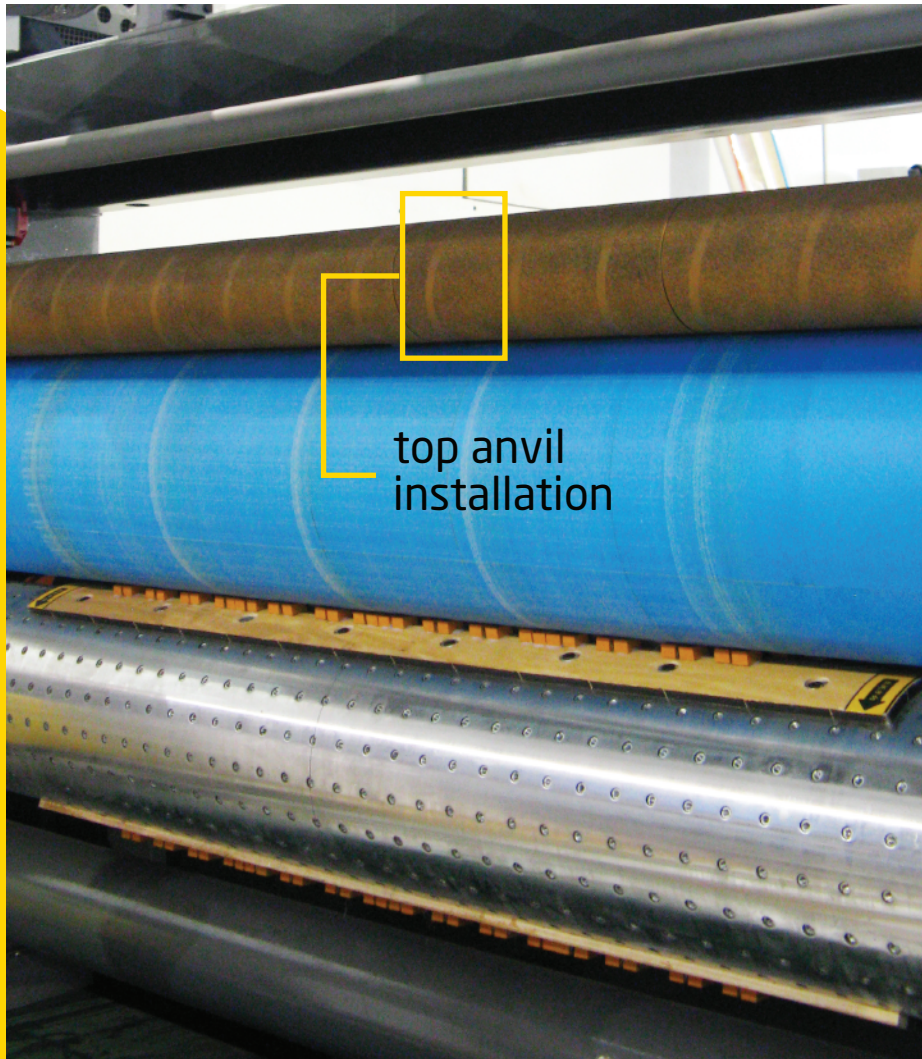
PRINTING

CONVERTING

SUPPORT

MicroGrind®

Available in **Top** and **Bottom** Anvil Applications



MicroGrind® Die Cut Accuracy System

For years, machine designers attempted to trim the anvil with several different methods. While there were advantages, Sun Automation saw more room for improvement. Working closely with experienced converters, our engineers developed a method to utilize more machine formats and raise container quality.

Our Promise

The first die cut board is cut as precise as the last, even on high quantity output jobs at different points in the life of the anvil.

Why MicroGrind?

Feature	Benefit
Consistent cutting and creasing surface	<ul style="list-style-type: none">▶ Reduced need for blanket rotation▶ Reduced die cut impression▶ Improved quality of the cut▶ Reduced wear on cutting dies
Precise control of the anvil speed	<ul style="list-style-type: none">▶ Ensures sheets are cut to a consistent dimension
Grinding while running	<ul style="list-style-type: none">▶ No operator intervention or lost productivity



sunautomation.com



Adapting for You

For years, MicroGrind was only available for bottom anvil applications. If installed on a top anvil machine, dust generated from the grinding roll interfered with box quality.

This was unacceptable.

SUN Automation engineers, unwilling to compromise, got to work. At first a vacuum collection system removed dust directly from where it was generated.

However, we faced a challenge.

The vacuum system blocked access to the anvil drum and grinding roll. Not wanting to prevent regular maintenance and inspection, SUN Automation divided the vacuum system into two sections connected by a hinged joint.

This allowed the vacuum system to swing open during maintenance. Now top anvil applications are able to enjoy MicroGrind benefits, including:

- Labor savings
- Productivity gain
- Quality impact
- Reduction in wear on cutting dies

How MicroGrind Works

A full-width tungsten carbide grinding roll engages against the entire surface of the anvil at the same rotation speed. Micro amounts (0.001" or 0.025 mm) are automatically removed every 10,000 impressions without operator intervention.

Running at the same speed ensures accuracy. Combined with the die cutting on a uniform service, the quality of each box is greatly enhanced.

Purchase Options

- Available for both top and bottom anvil applications
- Upgrade existing machines
- Option available by all major global manufacturers





About SUN Automation Group®

SUN Automation, headquartered near Baltimore, Maryland, is the world's leading manufacturer of corrugated box equipment. The company's innovative feeding, printing, and converting technologies enable comprehensive solutions for corrugated box plants to increase production, efficiency and profitability. SUN Automation places a strong emphasis on customer support and provides 24-hour on-site technical support globally. Founded in 1985, SUN Automation is 100% employee owned.

Put innovation on your production floor.

Update your converting systems today:

- ▶ US and Canada: +1-410-472-2900
- ▶ Europe, Middle East, Russia: +44-117-9401777
- ▶ China: +86-20-2860-6593
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For more information, replacement parts
or to request a quote, visit: SunAutomation.com



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