

**Simonds International
for: Yield
Enhancement
Solutions**

It's all about *Yield*. Yield from Manpower, Fiber and Investments. Let Simonds International's full range of *Yield Enhancement Solutions* help you get the most Yield from your operation.

Simonds International can help you *Minimize Kerf* and *Maximize* both throughput and Productivity.

- Cutting Tools
- Capital Equipment
- Consulting Services



**High Quality Cutting Tools for High Quality Cutting
SystiMatic Circle Saws**

www.simondsinternational.com

**Also Available From
Simonds International**

- Automatic Bandsaw Leveler
- Automated Bandsaw Bench
- Saw Control System
- Knife Grinders
- Trademark Gold Bandsaws
- IKS Bandsaws
- Kodiak and F-2 Cut Off Saws
- *SystiMatic* Circle Saws
- Chipper Knives
- Cutterhead and Planer Knives

Lease financing available from
Simonds Financial Services

Innovative Filing Room Equipment

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Email: sales@simondsint.com

TRI-VC 3/04



The Professionals' Edge

**The Vertical Circle
Saw Leveler**



*Another Performance Breakthrough!
Now with*

**Radical
Radial
Runout
Reduction**



The Professionals' Edge

Vertical Circle Saw Leveler - with "Ball" technology

Flatter Saws Yield:

- **More Production**
- **Less Deviation**
- **Filing Room Productivity**

Flat / Level saws are critical to improving yield in today's high speed gangs. A flat and level saw is more stable and quiet, both out of and in the cut. This reduces wear on both the guides and the saw plate, allowing the benefits of proper tensioning to work as intended.

Any filer will tell you that lumps and bumps of normal use do not come in concentric circles within the saw. But until now, automatic circle saw levelers only attacked them that way. The New Simonds Automatic Vertical Circle Saw Leveler, the **VCL**, is the only machine that will attack runout directly by rolling radially! By going directly after the root of the problem, **this machine will reduce Total Indicated Runout (TIR) fast.** Start up consists of the push of a button. This machine does not require inputs from the operator or "mapping" of the saw. Push the green button and GO.

If a saw needs undishing, Simonds' **VCL** machine will automatically perform the work necessary to get that done. It will then automatically shift to "runout reduction mode". The machine makes intelligent decisions about when to stop working based on how the saw reacts to the rolls it makes. Cycle times are shorter than ever and the results are stunning.



Lumps and bumps don't come in concentric circles. Why try to level them only that way?

In the Mill

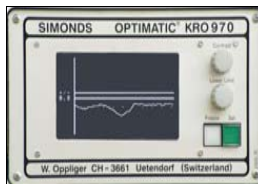
Reduced runout means your saws will cut more accurately day-in and day-out. This translates into fewer quality control related saw changes, benefiting uptime and production.

Consistent, accurate saw performance also allows for higher feed speeds and thinner kerfs. Helping insure you get the most from important machining centers at the heart of your operation. Don't settle for saws that are not working up to their potential. Process your saws with a Simonds Circle Saw Leveler for improved yield.

In the Filing Room

Saw Filers can expect to cut their anvil time by half or more with Simonds' **VCL**. But more importantly, they can expect their saws to run true, shift after shift. Leveling without hammering means less wear and tear on the saw plate - as well as wrists and arms. Repetitive motion problems associated with manual hammer leveling are virtually eliminated with the Simonds Automatic Circle Saw Leveler.

Automatic leveling frees up time for both experienced and novice filers to focus on other critical elements of saw performance; uniform tension, tooth alignment, side clearance, guide maintenance, tooth geometry, filing room efficiency and safety.



Laser readings of the saw's flatness profile are displayed on screen.

New patented technology rolls radially as well as in circumferences.



Compact design occupies less than a 1 square yard footprint. Process saws up to 32" diameter and plate up to .150" thick.



Are you ready for Automatic Circle Saw Leveling?

Consider completing the information below and returning it to your Simonds International representative for a customized proposal. Check all that apply.

Machining Centers

- Gang Saw
- Board Edger
- Green End Trimmer
- Dry End Trimmer

Need to Improve . . .

- Cut Quality
- Feed Speed
- Filing Room Output
- Other

of Saws Processed

- ___ Per Week
- ___ Per Day
- ___ Per Shift

Center Hole / Eye

- RETECH # ___
- VANGEAR ___
- PROMAC ___
- ROUND / OTHER

Saw Sizes

- 1) Dia: ___ Plate: ___ Eye: ___
- 2) Dia: ___ Plate: ___ Eye: ___
- 3) Dia: ___ Plate: ___ Eye: ___

Contact Information or Attach Business Card

Name _____

Address _____

Please give us your phone, fax and email. Check a box to indicate the best way for us to contact you.

Phone _____

Fax _____

Email _____

References gladly provided.