

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
Simonds International
Knives**

www.simondsinternational.com

Also Available From Simonds International

- Vertical Circle Saw Leveler
- Automatic Bandsaw Leveler
- Automated Bandsaw Bench
- Saw Control System
- 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

Knife Maintenance Solutions

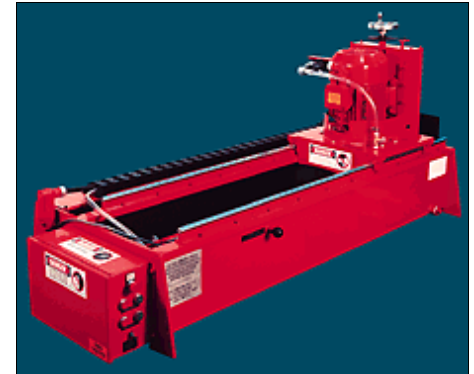
Worldwide Headquarters

Simonds International
135 Intervale Rd. PO Box 500
Fitchburg, MA USA 01420

Phone: 800-343-1616 Fax: 978-424-2212
Email: sales@simondsint.com

TRI-VB 3/04

Vertical Spindle Knife Grinder



Knife Maintenance Solutions

Vertical Spindle Knife Grinder

Well Maintained Knives Yield

- More "Up Time"
- Higher Quality
- Energy Savings



Fully adjustable Sharpness Angle for optimum knife function

Whether you are chipping, peeling, or planing, you need an accurate knife edge to get a

high quality end product.

Simonds' American made Vertical Spindle bench top knife grinders are an affordable way to get a very accurate cutting edge. Precision shafts, bearings and guides provide superb linear motion. These energy efficient, automated machines are very durable, yet easy to maintain and service. They yield maximum "Up Time".

Simonds robust list of standard features can be supplemented by optional equipment to customize the grinder to meet your needs. Options include: grinding fixtures for double edge knives, digital grinding angle indicator, heavy duty floor stands and more.

Standard Features

- Two models available: 48", 64"
- 5 hp TEFC 230/460 Volt, 3 Ø spindle motor
- Electronically controlled variable stroke / variable speed allows the operator to change grinding stroke length and head travel speed
- Heavy duty self contained coolant tank with coolant pump, complete with all fittings
- Adjustable mechanical knife bar from 20° to 50°
- Planer knife Acme Bar. Grinds knives 1/2" thick and up to 5 1/2" wide
- Automatic down feed
- Precision round-way shafts and bearings provide a superb linear motion, with spare parts available worldwide
- Rugged leveling pads with bolts
- One 10 x 4 x 8 grinding wheel
- Adjusting wrenches and operator & parts manual
- One gallon coolant concentrate, honing stone and magnetic angle indicator
- Achieve superior grinding wheel flushing as a result of ideal coolant placement and distribution – this prevents damage to the knife edge

Optional Features

- Electrical components to suit your requirements
- Fixtures for double edge knives or stacking
- Digital grinding angle indicator with readings in tenths of degree
- Heavy duty floor stands



Vertical Spindle Bench Model is a full flood coolant machine and is well suited for planer or chipper knives.

Are you ready for Improved Knife Maintenance?

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

Machining Centers

- Production Chippers
- Wastewood Chippers
- Planer Mill
- Other

Need to Improve. . .

- Chip Quality
- Run Times
- Grinder Room Output
- Other

of Knives processed

- _____ Per Week
- _____ Per Day
- _____ Per Shift

Knife Types

- Flakers
- Chippers
- Planers

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.