

SG II Linear Rail Knife Grinder



Knife Maintenance Solutions

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

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Email: sales@simondsint.com

TRI-SG 3/04

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

SGII Linear Rail Knife Grinder

Well Maintained Knives Yield

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



Fully adjustable Sharpness Angle

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

high quality end product.

Our line of American made Linear Rail knife grinders are a productive and affordable way to get a very accurate edge.

Replaceable hardened linear rail guides and bearings are at the heart of our grinders. They are easy to maintain and service.

The robust list of standard features can be supplemented by optional equipment to customize the grinder to meet your needs.

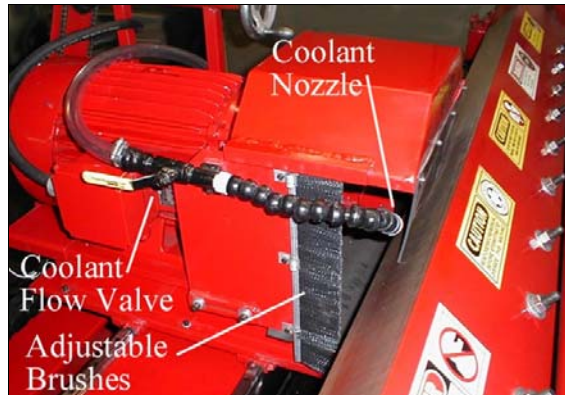
Options include: stack grinding fixtures to double grinding capacity, variable stroke / variable speed traveling head system, digital grinding angle indicator and more.

Standard Features

- Three models available: 60", 72", 90"
- 10 hp TEFC 230/460 Volt, 3 Ø spindle motor
- 1/3 hp TEFC with 30:1 reducer carriage feed system
- Large moveable coolant tank with 9 gallon/min. 115 volt coolant pump, complete with all fittings
- Adjustable mechanical knife bar from 20° to 50°
- Planer knife Acme Bar and all parallels necessary to grind knives from 3" to 7" wide
- 230/460 Volt, 3 Ø, 60 cycle electrical system with magnetic or manual starters & panic button shut off
- 63 Ft./minute traveling head speed
- Ball screw in feed
- Replaceable hardened linear guide rails & bearings
- Steel wheel guards with mounted splash brushes
- Rugged leveling pads with bolts
- One 11 x 5 x 8 grinding wheel
- Adjusting wrenches and operator & parts manual
- One gallon coolant concentrate, honing stone and magnetic angle indicator

Optional Features

- Electrical components to suit your requirements
- Variable stroke / speed traveling head system
- Digital grinding angle indicator with readings in tenths of degree
- Knife stacking fixtures



Horizontal Floor Model is a full flood coolant machine with adjustable nozzle and brushed to direct flow and control splatter.

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 chipper
- Wastewood chipper
- 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.