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Simonds® International launches SineWave® - the Ultimate Green Replacement for Abrasive Cutting of High Nickel Alloy

-SineWave® is ideal for alloy-cutting applications where speed, waste reduction and energy savings are key -

Fitchburg, Mass. (May 19, 2010) – Recognizing the unique cutting challenges faced by processors of aerospace alloys and other work hardening applications, Simonds International, a manufacturer of cutting tools and products for the industrial marketplace announces the launch of [SineWave®](#) its new oscillating band saw technology. SineWave uses a unique rocking motion that forces each tooth of the band saw blade to penetrate the work. The blade grows in width, creating a self-feeding action that delivers faster cut times and range of environmentally-friendly benefits.

“Before SineWave, processors of aerospace alloys were forced to use abrasive wheels to cut their bars of material because traditional band saws were incapable of cutting them effectively,” says David Miles, vice president of sales and marketing, Simonds International. “SineWave technology delivers faster cut times – with a range of cost savings and environmental benefits.”

When compared to traditional abrasive wheel cutting, SineWave technology:

- Cuts a significantly thinner kerf path, minimizing material waste
- Consumes a fraction of the electricity of abrasive wheels, even on the largest band saw machines on the market
- Does not create high-heat conditions, thereby eliminating the entire operation of trimming the face pieces after the initial cut
- Cut chips that can be immediately recycled; no mixing of abrasive particles

- Produces significantly less heat in the cut process, thus reducing the amount of cutting fluid that is used and evaporated into the environment

Available in carbide or bi-metal, SineWave band saw blades are sold through industrial distributors nationwide. For more information about SineWave and other Simonds products, visit www.neveryieldtosteel.com.

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About Simonds International

Simonds International, founded in 1832, is a leading supplier of cutting tools and related products to the wood, pulp, paper and metal markets. For more information, call (800) 343-1616 or visit www.simondsinternational.com.