



Amada Cutting Technologies, Inc.

***** NEWS RELEASE *****

August 25, 2006

Introducing “Double Pulse Cutting” Band Saw, PCSAW700
Achieved Higher Cutting Rates, Noise Levels Less than 85dB,
and Extended Blade Life

Amada Cutting Technologies, Inc. (Los Angeles, California) has answered a challenge by introducing Amada’s *Most Innovative Band Sawing Design* to the North American metal cutting industry. The **PCSAW700** is equipped with the latest innovations in metal sawing. This Amada original revolutionary technology, **DOUBLE PULSE CUTTING**, is to achieve maximum blade efficiency by reducing vibration and cutting resistance. The machine has a cutting capacity up to 27.6” diameter (round) or 31.5” x 27.6” (rectangle) materials.

Vibration has always been an inherent characteristic of metal sawing. The goal of machine and blade manufactures has always been to eliminate this unwanted trait. Machine manufactures have used several damping devices while blade companies were developing varied pitch blades and special tooth designs. All had some success increasing blade life and cutting rates.

Amada teamed up with a renowned Japanese motor manufacture to develop a “special pulse” drive motor to virtually eliminate the vibrations created during the longitudinal force, and Amada’s Engineering Department expanded on this to eliminate the vibrations created during the penetration force, thus **DOUBLE PULSE CUTTING**.

Never has this industry experienced this level of increased blade life while simultaneously increasing cutting rates. **DOUBLE PULSE CUTTING** is in a class of its own.

For more information:

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Information on web:

<http://www.amadabandsaw.com>

About the company:

Amada Cutting Technologies, Inc. (ACT) is established in 1987 as part of Amada Group, one of the top 5 machine tool manufactures in the world, founded in 1946.

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