



KOALSKI HEAT TREATING CO.

A FAMILY BUSINESS FROM THE PAST AND FOR THE FUTURE

To: All North American Metal Working Firms.

Celebrating its 27th anniversary, (1975-2002) The Kowalski Heat Treating Company proudly announces the opening of **K-GLOW™** its new Pulsed Plasma/ION Nitriding facility!

The Kowalski Heat Treating Company of Cleveland, Ohio has unveiled its new state-of-the-art pulsed plasma Ion-nitriding facility. Along with housing its new corporate headquarters, this 10,000 sq. ft. manufacturing facility is home to North America's largest Pulsed Plasma Ion-Nitriding furnaces. These units have the working capacities to process parts 42" diameter by 120" vertical length, with up to 10,000 pound loads.

The unique versatility of these Pulsed Plasma units provides Kowalski Heat Treating Company and its customers the optimum flexibility in processing. All traditional users of gas, salt bath nitriding services will benefit from:

- Cycle times that are up to 50% shorter.
- The ability to eliminate or control the "white layer" (compound zone).
- Processing temperatures as low as 600 F.
- Flexibility in designing case structures to meet individual needs.
- Reduction and/or elimination of distortion.
- Environmentally Friendly.
- Simplified masking procedures

With the addition of **K-Glow™** The Kowalski Heat Treating Company offers the following services.

K-Vac: High-pressure quenching capabilities of 10 bar and North America's first 20 bar.

K-Salt: Complete rack Austempering and Marquenching facilities.

K-Life: Computerized Deep Cryogenic processing

K-Labs: Complete metallurgical laboratory, including image analysis systems.

K-Flat: Prototype development to high volume production processing of distortion Sensitive parts.

For additional information on your specific needs please contact us:

Toll Free: 1-888-KHT-HEAT(548-4328)

E-mail us: Sales@khtheat.com Visit us on the WEB @ WWW.KHTHEAT.COM