



# PETERS'

## HEAT TREATING, INC.

### SERVICES

Vacuum Hardening  
Vacuum Annealing  
Vacuum Aging  
Vacuum Solution Treating  
Induction Hardening  
Induction Annealing  
Black Oxide Coating  
Carburizing  
Ferritic Nitro  
Carburizing (FNC)  
Atmosphere Hardening  
Gas Nitriding (Nitreg Process)  
Cryogenics to -300F  
Conventional  
Hardening  
Metallurgical  
Consulting  
Shot Blasting

### EQUIPMENT LIST

#### VACUUM FURNACES

Ipsen 24"x 24"x 36" 6 bar pressure  
Ipsen 24"x 24"x 36" 2 bar pressure  
Ipsen 13"x 22"x 34"  
Ipsen 11"x 16"x 24"  
VFS 24"x 24"x 36" 2 bar pressure  
VFS 14"x 18"x 24" 2 bar pressure  
Ipsen 48"x 48"x 60" 2 bar pressure

#### CRYO-GENICS

Chamber(1) 48"x 48"x 48"  
Chamber(2) 18"x 18"x 18"

#### FLUID BEDS (SAND BATH)

10"x 18" unit #1  
10"x 18" unit#2

#### NITRIDING/F.N.C.

66" diameter x 138.0" long  
Nitreg® Potential-Controlled Nitriding  
Nitreg® Potential-Controlled Nitrocarburizing  
ONC® In-process Post-Nitriding/  
Nitrocarburizing Oxidation

#### INDUCTION CAPABILITIES

Lepel 24 KW  
Lepel 15 KW (Optical Pyrometry)

**Pick up & Delivery Available in the Following Areas:**

North Western Pennsylvania • Eastern Ohio • Western New York

**DELIVERY | SERVICE | QUALITY | COST REDUCTION**

Online Job Tracking: [www.petersheattreat.com](http://www.petersheattreat.com)

**TWO LOCATIONS:**

P.O. Box 624 • 215 Race Street • MEADVILLE, PA 16335

5790 West Road • McKEAN, PA 16426

phone: 814-333-1782 • fax: 814-333-2533

**BRYAN JAGEMAN, Vice President: 814-528-6034 • [bjageman@roadrunner.com](mailto:bjageman@roadrunner.com)**

**JAMIE HOEGERL, Customer Service Manager: [jamieh@petersheattreat.com](mailto:jamieh@petersheattreat.com)**

[www.petersheattreat.com](http://www.petersheattreat.com)



ISO 9001:2000

