



HEAT TREATING TECHNOLOGIES

A WIDE RANGE OF HEAT TREATMENTS

Our plants offer a wide range of heat treating services. Additional sheets describing individual technologies are available.

MODERN SURFACE TREATMENTS



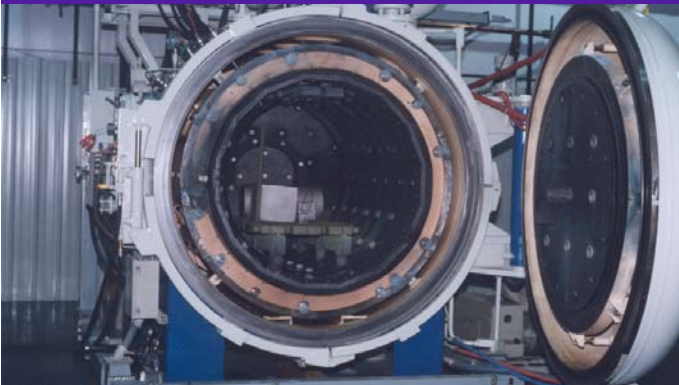
- controlled gas nitriding (Nitreg®)
- controlled nitrocarburizing (Nitreg®-C)
- nitriding of stainless steels and nickel-based alloys (Nitreg®-S)
- nitriding of titanium alloys (Nitreg®-Ti)
- in-process post-nitriding or post-nitrocarburizing oxidation (ONC®)
- Nitriding of stainless steels with no loss of corrosion resistance (Nano-S™)
- plasma nitriding
- vacuum carburizing

- carburizing
- carbonitriding
- hardening
- normalizing
- annealing
- age / precipitation hardening
- stress relieving
- austenitizing
- tempering
- carbon restoration

CONVENTIONAL HEAT TREATMENTS



VACUUM HEAT TREATMENTS



- hardening
- tempering
- annealing
- brazing

MECHANICAL SURFACE TREATMENTS

- glass bead cleaning
- shot blasting / peening
- sand blasting

OTHER SERVICES

- straightening
- clamp tempering
- cryogenic treatment
- high performance rust preventative (Corr-Check®)

For locations of our metal treatment service centers, please visit our website under Metal Treating Services, call 702-399-1554, or email us at nitrexusa@nitrex.com.