



### Continuous Brazing / Annealing mesh belt furnace

#143 - • 20" wide - endothermic atmosphere

### Neutral Salt Furnaces lines (2):

- Line 226 - • 1500# Capacity - 22" x 30" x 48" Work Zone  
Process - Austemper, Marquench and Polymer Quench
- Line 227 - • 200# Capacity - 8" x 10" basket Work Zone  
Process - Austemper & Marquench

### Vacuum / Nitrogen Furnaces: (W.L.H)

#524 - • 300°F—1400°F, 4000# capacity—36" x 48" x 36" work zone: Nitrogen temper and Air temper

#552 - • 1200-2250° F, 4000# Capacity -36" x 48" x 36" Work Zone

Nitrogen fast gas quench (6 Bar (Absolute) 4 - 75PSI : Processes: normalizing, annealing, copper brazing, nickel braze, harden and temper

#553 - • Vacuum Temper • 600-1400° F, 2500# Capacity - 36" x 48" x 36" Work Zone

Nitrogen backfill / protective atmosphere: Processes: tempering/stress relieve, precipitation hardening and annealing

#554 - • 2 bar Vacuum Furnace • 1250-2250° F, 2500# Capacity - 36" x 48" x 36" Work Zone

Nitrogen fast gas quench - 14PSI: Processes: normalizing, annealing, copper brazing, nickel braze, harden and temper

#555 - • 2 bar Vacuum Furnace • 1000—2250° F, 1000# Capacity - 18" x 24" x 18" Work Zone

Nitrogen fast gas quench - 14PSI: Processes: normalizing, annealing, copper brazing, nickel braze, harden and temper

#556 - • 2 bar Vacuum Furnace • 1250-2250° F, 2500# Capacity - 36" x 48" x 36" Work Zone, Nitrogen fast gas quench - 14PSI: Processes: normalizing, annealing, copper brazing, nickel braze, harden and temper



### Aluminum Drop Bottom Furnace:

#203 - 4000# gross load, 48" W x 48" H x 96" L work zone

5000 gallon water quench 90°-212°F

### Straightening Presses (3)

#284 • Eitel RP 16 ton hydraulic straightening press

#285 • Eitel RP 16 ton hydraulic straightening press

#286 • Eitel 40 ton hydraulic straightening press



### Pit Carburizing Line

#433 & 434 - 72" RD x 72" Long work zone, 35000# Capacity

### Car Bottom / Walk in Furnaces (2)

#207 - • 64" W x 90" L x 72" H, gas fired, 10000# capacity, 1050° F to 2000° F

#208 - • 7" W x 14" L x 7" H, gas fired, 20000# capacity, 1050° F to 2000° F

Process: uncontrolled atmosphere normalize, anneal and stress relieve

### Cleaning / Polishing

#170 - • Wheel-A-Brator - steel shot blast - tumble

#590 - • Gibson (2460SH) - dual spinner hanger - Steel shot blast

#591 - • Zero Tumbler - Dry tumble blasting - bead blast

#591 - • Zero cabinet blaster - Dry hand blasting - bead blast

#271 - • Almco bowl polisher - ceramic and plastic media

#272 - • Almco bowl polisher - ceramic and plastic media

#273 - • Mr. Deburr bowl polisher - ceramic and plastic media

#276 - • MFI - Centrifugal barrel polisher - ceramic media

#277 - • MFI - Centrifugal barrel polisher - ceramic media

#278 - • Randbrite - centerless polishing wheel

#279 - • Hardinge - Speed Lathe - hand polish

#280 - • Hardinge - Speed Lathe - hand polish

### High Velocity Cryogenic Chamber: (AKA Deep Freeze)

#205 - • 36" W x 48" L x 36" W, 3500# capacity, -305° F to 400° F

