



## Steel Treaters

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**ESCO Turbine Technologies** has the strength and agility to exceed customers' shifting expectations in a continuously changing business environment. With facilities in North America, Mexico and Europe, ESCO specializes in challenging production that requires exotic alloys and complex geometries. **Steel Treaters** was founded in 1957 and is a subsidiary of ESCO Turbine Technologies Group. Steel Treaters provides high-quality heat treating services for customers throughout North America.

### Service Capabilities

#### Testing

Rockwell Hardness Testers  
 Superficial Hardness Testers  
 Microhardness Testers  
 Portable Rockwell Hardness Testers  
 Brinell Hardness Testers

#### Laboratory

Metallographic Microscopes  
 Cutting, Polishing, Etching  
 and Sample Mounting Equipment

#### Certifications

Instrument Calibration Equipment  
 Portable Survey Instruments  
 Computerized Job Tracking  
 Computerized Charting  
 Computerized SPC

#### Customer Service

Pick-up and Delivery Service  
 Metallurgical Consulting  
 Temperature Uniformity Surveys

Process	Equipment	Size
Solution	Vacuum	36" x 48" x 36" (2)
Homogenization		24" x 36" x 18"
Annealing		24" x 36" x 24" (2)
Aging		24" 36" x 24" (2)
Tempering		12" x 18" x 12"
Tool Steel Hardening		
Carburizing	Integral Quench	24" x 36" x 18"
Carbonitriding		
Carbon Restoration		
Neutral Hardening		
Precipitation Hardening	Direct Feed	24" x 36" x 24" (2)
Stress Relieving		
Aging		
Aluminum Aging and Annealing		
Normalizing		
	Electric	18" x 37" x 18"
		24" x 36" x 28"
		14" x 10" x 12"
		14" x 20" x 18"
		72" x 48" x 26"
		24" x 36" x 24"
High Temp Argon Temper	1000°F to 2200°F	6" x 20" x 6"
Cryogenic	Sub-zero (to -300°F)	23" x 35" x 24"
Induction Hardening	Flame Hardening Equipment	
Cleaning	Tumble Blast	36" Belt
Finishing	Sand Blast	36" x 36" x 24"