

Modern Heat Treating & Forging, Inc.

Services, Processes and Capabilities

PROCESS	EQUIPMENT	SIZE / CAPACITY
<i>VACUUM</i>		
Hardening	- 2 Bar Vacuum Pressure Quench - Vacuum Furnaces (4)	Maximum Capacity - 52" x 36" x 30"
Bright Annealing		
Normalizing		
Stainless Steel Hardening		
Aging		
Stress Relieving		
Brazing		
Solutionizing		
<i>ATMOSPHERE</i>		
Hardening (quench & temper)	Integral Quench (3) Continuous Mesh Belt	52" x 36" x 30" 1000# / hr.
Carbonitriding		
Carburizing		
Carbon Restoration		
<i>AIR</i>		
Annealing	Maximum Capacity - 96" x 48" x 48"	
Age Hardening		
Stress Relieving		
Normalizing		
Tempering		
<i>INDUCTION</i>		
Hardening	Induction Unit (4)	30 Kw
Drawing		
<i>SPECIALIZED SERVICES</i>		
Cryogenic Treatments	Units to -150°(2)	36" x 20" x 20"
Black Oxiding		
Brazing	Vacuum and Atmosphere	

Modern's Metallurgical lab can meet all your testing needs.