Drop Bottom Furnace
Aluminum Heat Treat

Standard Features:
• Meets all Aerospace, MIL & Automotive specifications
• Fastest heat-up & recovery rates
• Gas (Direct & Indirect) and electric versions
• Variable speed hoist system
• Heavy plate construction
• Accepts heavy loads
• Energy efficient ceramic fiber insulation
• NEMA 12 Control Panel (machine-mounted)
• Sliding positive sealing door systems
• PLC/HMI for process automation
• High volume recirculation air system
• Mobile quench tank (water/glycol) with load/unload station
• Work platforms/access ladders

Additional Options:
• Data acquisition
• Quench tank heating/cooling
• Rinse tank
• Filtration systems
• Glycol separation systems
• Automatic shutdown circuit
• UL/CE listed electrical panel
• Special temperature uniformities
• Hydraulic hoist systems for heavy loads
• Age ovens
• Insulated quench tanks
• Spare parts
• Field installation, installation supervision and commissioning

ITS Drop Bottom Aluminum Solution Heat Treat Furnaces meet all industry specifications including AMS, MIL, NADCAP & CQI 9.

Proprietary air recirculation systems and lightweight ceramic fiber insulation systems ensure the fastest heat-up and recovery times available.

ITS specializes in large volume workspaces with standard lengths to 40’ and heavy loads with standard sizes to 20,000 lbs.

All ITS Drop Bottom Furnaces are designed to operate with tight uniformities from 300°F to 1200°F for maximum flexibility to allow for aging and annealing.

Complete factory testing prior to shipment and full installation & start-up services ensures a smooth project from start to finish.

Contact ITS today for all your drop bottom furnace and heat treat equipment needs.