

# D-Q-H

## Metal Pot Salt Bath Furnaces

### *With Removable Electrodes*



Ajax Metal Pot Furnaces are engineered with many innovative features designed to ensure durability, ease of service, and reduced maintenance requirements including:

- Heavy metal plate (steel or alloy) fabrication
- Removable “over the top” electrode design that allows electrodes to be changed without first emptying the furnace
- Large cross section electrodes fabricated from heat-resistant alloys for long life
- Internal heating provides maximum heat transfer efficiency to save energy and to simplify operation and maintenance
- Additional energy savings with the use of manual or automatic furnace covers
- “Electrodynamic” circulation provides uniform temperatures within +/- 5°F in the working area of the bath.
- Benefits of all models include fast internal heating, low first cost, durable construction, and ease of operation

# Application Guide

## Type D Furnaces:

- Solution heat treating of aluminum
- Tempering and coloring of steel
- Annealing of non-ferrous alloys
- Precipitation hardening
- Curing plastics and cleaning molds
- Nitriding



## Type Q Furnaces:

- Quench for high speed steel martempering

## Type H Furnaces:

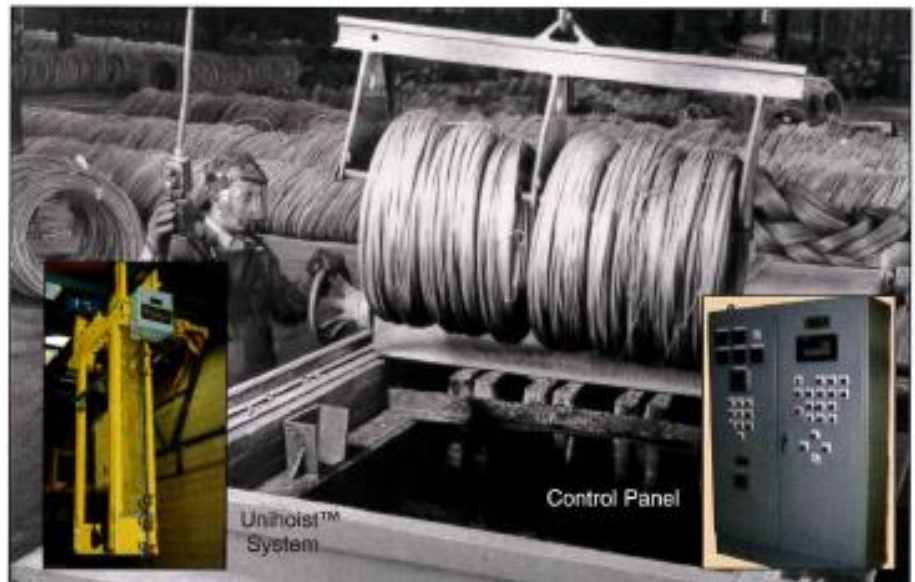
- Wire and process annealing

Photos shown are Type H furnace for wire annealing application with retractable rolling cover and removable electrodes

**Ajax Metal Pot Furnace Systems are supplied with air-cooled transformer and prewired cubicle with interlocking circuit breaker disconnect for operator safety.**

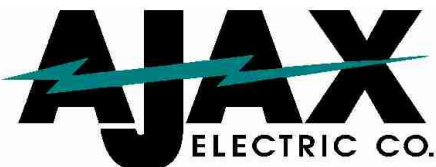
The many options available include the Ajax Unihoist™ system which may be easily programmed for many material handling functions.

**About Ajax Electric Company.** With nearly three quarters of a century of experience in metals processing, Ajax Electric is uniquely qualified to help you



select the best equipment for your application. Because we design and build our equipment in-house, we are able to provide and ensure comprehensive quality control at each phase of the manufacturing process. Strong aftermarket support is

provided by our service and replacement parts departments, with on-site service, training, and 'turnkey' installations also available.



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### Need Help?

Call us toll-free at (800) 516-9916 to speak to one of our applications engineers. We'll be happy to assist you with any technical questions you may have concerning salt bath furnaces.