

# Aluminium Foundry Heat Treatment Furnace T-4, T-5 & T-6 Application

## Drop Quench Furnace

- Drop-Quench Furnace with a water quenching Tank for Solution Hardening Process.
- Aging Furnace used for Aging Application after Water Quenching Process.
- Both the Furnaces together deliver large volume and reliable production in continuous operation.
- These high-technology units provide consistent quality throughout while in using predictable/repetitive results. In addition, both furnaces perform a wide variety of metallurgical processes.
- Such as: solution treating, specialized quenching and aging. T-4, T-5 & T-6 Heat treatment process.
- Thyristorised and PLC control furnace, All mechanism made easy with hydraulic Loading & Unloading Charge Basket system & PID based to suit specific process requirement. Hot charge quenching is possible within 20 seconds.
- SS304 grade basket/ baffle wall and air circulation fan is provided.
- Temperature uniformity can be maintained  $\pm 5^{\circ}\text{C}$ . Through out the working chamber area.

Hot air circulation fan for temperature uniformity. ▶

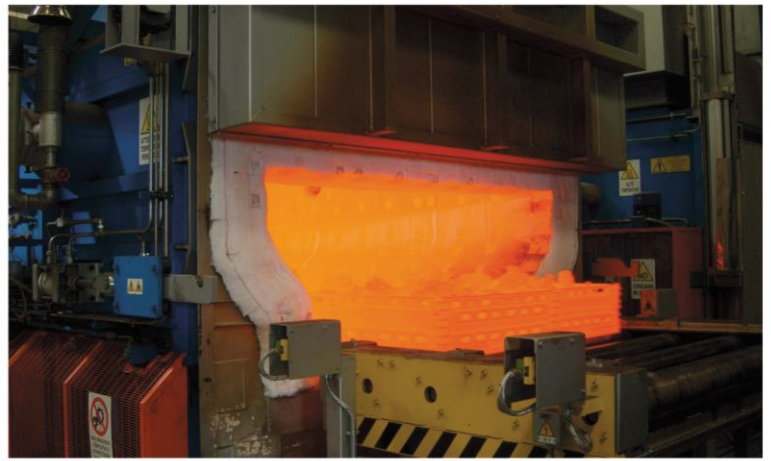


▲ Total turnkey HEAT TREATMENT plant for aluminum casting industry.

# Aluminum Foundry Continuous Heat Treatment Furnace T-4, T-5 & T-6 Application With Water Quenching.

## T5/T6 Continuous Roller Hearth Furnace

- Roller hearth furnaces are designed to provide greater uptime, ease of maintenance, trouble free operation and can be custom designed to meet your exact processing requirements of aluminum casting heat treatment.



▲ Continuous Roller Hearth Heat treatment furnace in Gas fired heating



▲ Continuous Roller Hearth Heat treatment furnace in Electrical heating.



Mfr.: Industrial Ovens, Furnaces  
& Aluminum Scrap Recycling Plant

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