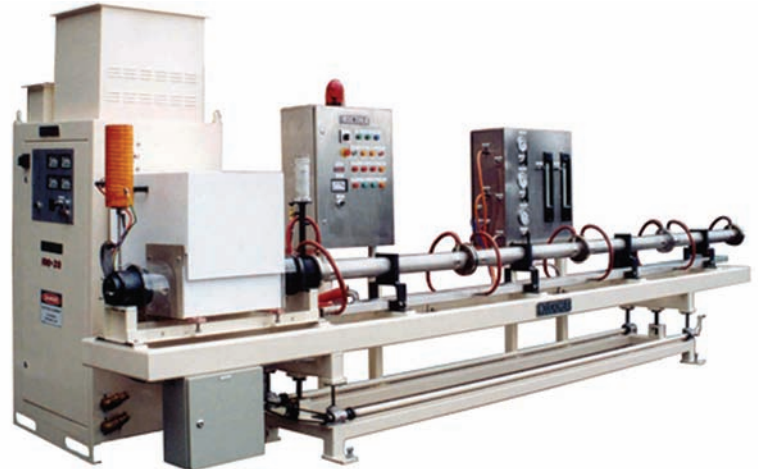


BRIGHT ANNEALING OF STAINLESS STEEL TUBING

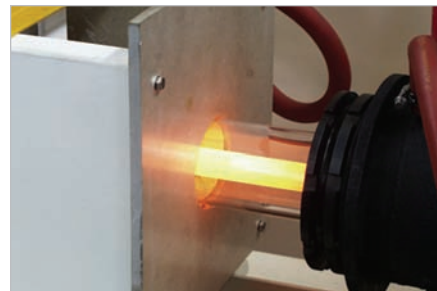
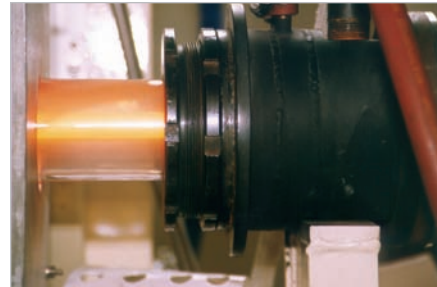
Stainless steel tubing is being used in greater quantities than ever before and the demand for high quality, fully annealed tubing with a bright surface finish is increasing. To meet this demand, Thermatool has developed a bright annealing system which delivers tube from the end of the production line requiring no further surface finishing, final sizing, and cutting.

The Thermatool bright annealing system can be used in series with additional equipment such as cleaning prior to anneal and direct water quench immediately upon exit from the annealer atmosphere cooling chamber prior to the sizing rolls. The direct water quench is essential to maintaining uniform product size.



Features & Benefits:

- 100% Solid State design with high power, high frequency as required provide consistent power, and high reliability.
- High efficiency up to 85% reducing energy cost... water cooling requirements.
- Simplified output control and automated operation
- Closed loop water recirculation system.
- Refractory line induction heating coil, including temperature sensors, flow and pressure switches.
- Dwell and Quench Chamber complimented with O.D. sizing blocks, multigland and seals.
- Gas control system with automatic ignition, interlocked with purge gas and electrical control to ensure complete operational safety.
- The operator control station provides easy and safe monitoring of the process including analogue and digital display system operations screen.



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