

# Billet Taper Quench



Isothermal extrusion—maintaining a constant exit temperature over the entire extrusion cycle is the overriding benefit of the Billet Taper Quench. It allows maximum extrusion speed for a given alloy profile and press tonnage. It also eliminates variations in dimension and structure along the length of the extruded product.

## Highest Quality Profiles:

- Reduced dimensional variation
- Maintain consistent extrusion temperature
- Eliminates end-of-extrusion blisters

## More Throughput:

- Taper heating allows faster press speeds
- Cycle time of less than 25 seconds

## Isothermal Extrusion:

- Lowest acquisition cost
- No induction heater

### General Benefits

- Dramatic Increases in productivity
- Extrusion of longer billets
- Improved billet metallurgy
- Any combination of taper length and desired temperature will yield benefits for all profiles

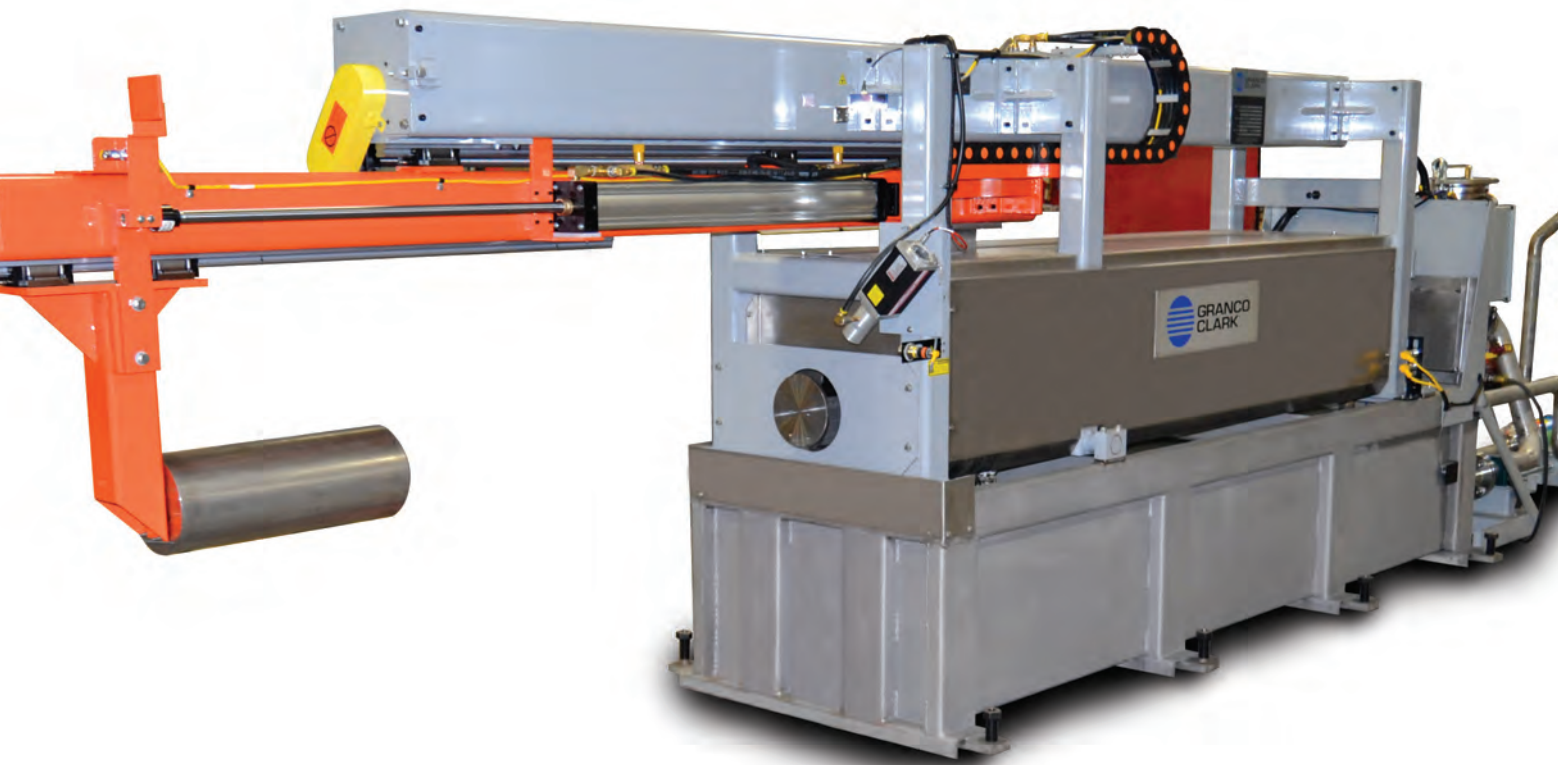
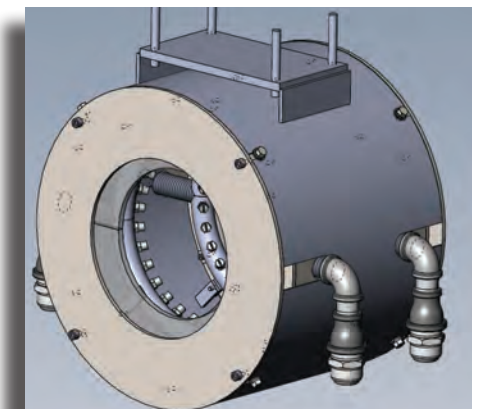
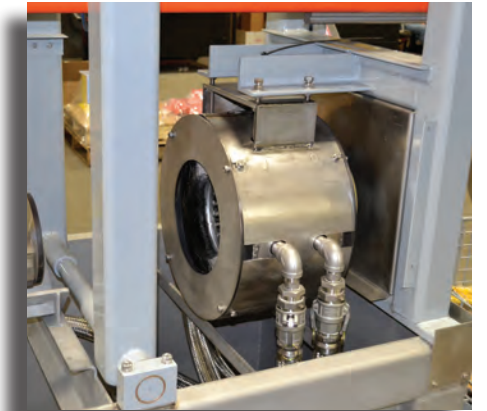
### Design Features

- Unique transport - billets are suspended, no conveyor drag and full water coverage
- Ball/Screw actuated, all drive components are isolated from water and steam
- Servo Motor gives accurate speed and position control
- Stainless steel construction
- Standard "V" jet nozzles for ease of maintenance



Granco Clark Re-Designed  
Taper Quench

Scan this with your QR  
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a short movie clip.



- Improve Billet Metallurgy
- 10% - 40% Ram Speed Increase
- Higher Yield
- True Isothermal, Isopressure Extrusion without Slowing the Press
- Very Low Maintenance



100% USA Supply



AEC Member and Supporter

Fully Assembled and Shop Tested



## Extrusion expertise that's always within reach

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