



Vacuum Hardening and Vacuum Tempering

Vacuum Hardening

We currently have an Ipsen 10 Bar Turbo Treater 24"× 24" × 36" with a payload capacity rating of 1500 pounds @ 2400°F. This unit has multi directional, modulating control capability, along with variable speed fan control. Temperature is controlled with a 4-point load thermal couple system that allows us to process parts in accordance to aerospace & military specifications.



Working Dimensions:
24" x 24" x 36"

**We can heat treat to the
NADCA specifications.**

Vacuum Tempering

In addition, we have an IVA vacuum tempering furnace 36"× 36" × 48" with a payload capacity of 4000 pounds @ 1400°F. This unit has a special hydrogen option that allows us to achieve bright finishes and excellent precipitation hardening of stainless steels.



Working Dimensions:
36" x 36" x 48"

Load Capacity:
4,000 pounds