

Horizontal Furnaces

- Hardening & Tempering
- Annealing
- Stress Relieving
- Solution, Treat & Age
- Sintering
- Degassing
- Brazing



Standard Horizontal Furnace Range - 1300°C

Model	Work Zone (mm)	Load (kgs)	KVA Rating
HLFC 1218	215 x 205 x 450	60	35
HLFC 1824	330 x 330 x 600	150	75
HLFC 2436	430 x 430 x 910	250	120
HLFC 3448	610 x 610 x 1200	700	170

Standard Configuration

- Double, carbon steel chamber
- Graphite hot zone
- Fully automatic high or low vacuum system
- 850 mbar inert gas recirculating fast cool system
- Eurotherm Instrumentation and PLC control

Design Options

- Stainless steel chamber
- CPS, composite and all metal heating systems
- Special pumping systems
- Hydrogen partial pressure heating
- Over pressure gas quench
- Computer control

Refurbishments

CVE offer second hand, fully refurbished vacuum furnaces that are factory rebuilt complete with 6 months warranty. These machines can provide a cost effective way to enhance production facilities.