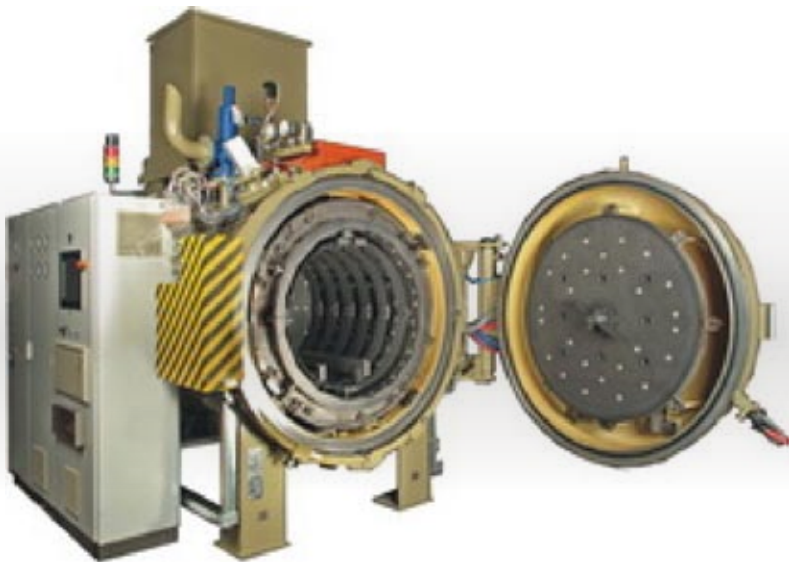


NEW FURNACES DATA SHEET

VPT-VP-VVP UNIVERSAL FURNACES



Vacuum heat treatment furnaces
with fast quench options and
high energy efficiency

TECHNICAL INFORMATION

- Furnaces with horizontal (VP/VPT) and vertical (VVPEH) loading configurations
- Load from 50 to 5,000 kg
- Graphite and screen insulation with maximum vacuum of 10⁻² / 10⁻⁵ / 10⁻⁶ mbar
- Quenching pressure 2, 6, 10, 12, 16 and 25 bar
- Quenching gases N₂, Ar, He and H₂
- More than 250 installations in the past 5 years
- Best solutions for industry
- Best operational features, including uniform heating and quenching and ability to harden a wide range of materials and cross-sections
- Radial-type standard dynamic quenching (3600 seconds)

- As required for programming directional cooling, option to build a radial/axial system in one furnace
- Programming solutions for zone quenching
- Rotary hearth in VVP(EH) vertical furnaces conducive to uniformity of quenching
- Isothermal hardening suitable for hardening of tools and hardening after FineCarb® vacuum carburising
- VPT (HPGQ) furnaces best for the technology of hardening forms and matrices under NADCA procedures and GM DC9999-1 and Ford AMTD –DC2010 norms
- Unique construction of heating chamber assures excellent stability and equipment life
- Integrated Power Control System installed in VPT furnaces (high power factor)
- Vacuum-pressure door with long-lasting seal and automatic rapid closure
- ConFlap™ system supporting convection heating
- Optional equipment for vacuum carburising technology – FineCarb® / PreNit® LPC
- User-friendly SimVac computer control system, enabling NADCAP procedures
- Conforms to CE and NFPA
- Compact installation reduces space requirements
- Comprehensive delivery including cooling water circulation, gas installation, instrumentation etc.



We represent Seco Warwick (one of the largest furnace manufacturers in Europe) for their range of Vacuum and Atmosphere furnaces, and are sure to have the type of furnace you require within their product range – see www.secowarwick.com.pl