

## NEW FURNACES DATA SHEET

# VACUUM SINTERING FURNACES



Vacuum sintering with high pressure quench and/ or Hot Isostatic Pressing for metals and ceramics

### TECHNICAL INFORMATION

- Horizontal- and vertical-loading furnaces
- Load from 100 to 2,500 kg
- Quenching or process gas pressure of 2, 20, 60 or 100 bar
- Maximum temperature of 1350, 1600 or 2200°C
- Furnaces equipped with state-of-the-art control system enabling technological norms procedures
- Furnaces for specific tasks according to customer specifications

- Designed for:
  - sintering of tungsten carbides (at a bonding pressure of 60 or 100 bar)
  - production of tools using the powder metallurgy technology
  - production of parts from stainless steel powders, including metal injection molding
  - production of Alnico alloys and magnetic materials, production of magnets and high-alloy materials for the aviation industry
  - production of ceramic elements
  - annealing and degassing of metal powders



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](http://www.secowarwick.com.pl)