

# Global HIP Consultants, LLC



## Hot Isostatic Pressing (HIP)

HIP is typically referred to as high pressure heat treatment and is primarily used to close porosity within investment castings. It can also be used to produce near net shape components from powdered metals and to bond dissimilar materials together.

GHC has extensive experience in all aspects of HIP as well as contacts across the globe for HIP equipment and HIP service providers. Our experience also extends to the installation and start-up of new systems, maintenance, inspections and all aspects of safety when it comes to HIP plant operations.

[www.globalhipconsultants.com](http://www.globalhipconsultants.com)

Call 978-390-6800

# Global HIP Consultants

Global HIP Consultants, LLC (GHC) is an independent consulting service focused on Hot Isostatic Pressing (HIP) and related services, including Powdered Metal Near Net Shapes (PM NNS), Cold Isostatic Pressing (CIP) and bonding.

Our primary objective is to assist customers in several areas:

- Information with regard to HIP, CIP and PM NNS capabilities
- Cost justification and decision making regarding the purchase of equipment or services
- Choosing the right equipment or service provider
- Negotiating the best pricing for equipment or services

# Global HIP Consultants Experience

- Management of multiple HIP Service facilities in North America and Europe, including:
  - Powdered metal and bonding operations
  - Quality Management Systems
  - Safety Systems
  - Vessel inspections
- Capital Cost Justification for HIP systems ranging in size from 8" diameter to more than 60" diameter
- Oversight of HIP installations and building expansion at numerous sites
- HIP Equipment Relocation
- HIP of Castings
  - Aerospace
  - Medical
  - Power Generation
- HIP of PM Containers
  - Complex PM Near Net Shapes
  - Simple Shapes
- HIP of Components for Bonding
  - Sputtering Targets
  - Extrusion Barrels
  - Valve Lifters
- HIP of Additively Manufactured Components
- HIP Service Market Analysis