

Cost reduction for high pressure sintering (HIP)

Innovative products around technical gases

ReiCat is your competent partner for gas purification and gas recycling plants. ReiCat develops and produces systems for the most efficient application of valuable technical gases.

Your application

- Sintering (HIP) of metals and ceramics
- Argon as inert gas for high temperatures, where nitrogen is not applicable
- Argon is rare and expensive
- The used Argon is currently led to the atmosphere

Your advantages

- Direct reduction of operation costs within your production
- Short amortisation period (return of invest < 2 years)
- Leasing or Built Operate Transfer possible
- Competitive advantage by cost reduction of consumption

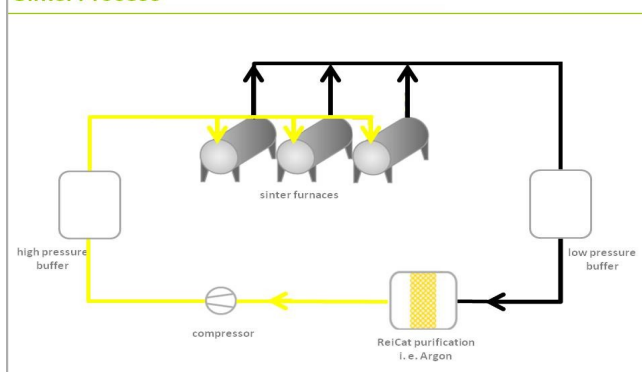
Our solution

- ReiCat has developed and implemented a process to recover **more than 80 %** of the used Argon

Special features

- Reduction of Argon consumption of **more than 80 %**
- Fully automated operation with remote control
- Highest availability of systems for long-term operation
- Guaranteed gas quality higher than 5.0 (99,999 %)

Sinter Process



Diagram



Realization

PLEASE FIND MORE INFORMATION UNDER:

ReiCat GmbH, Zum Wartturm 7, 63571 Gelnhausen, Telefon: +49 60 51 / 92 04-10
info@reicat.de, www.reicat.de

02.398.0.340

