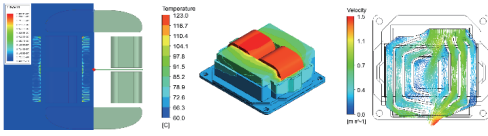


## Capabilities for Boost Choke

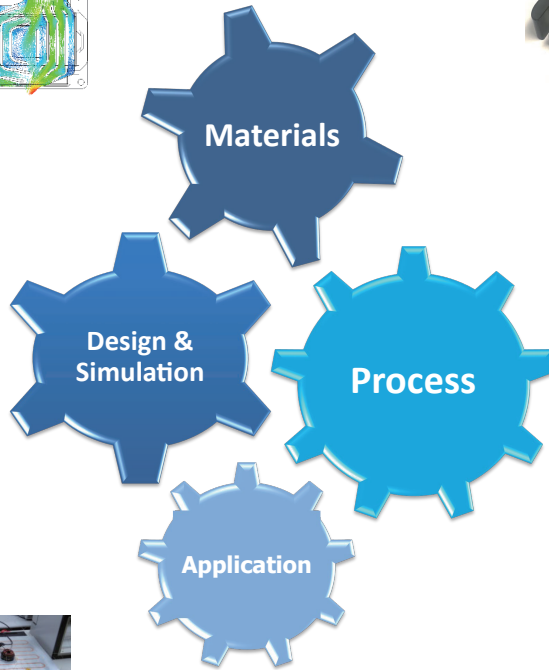


- Electrical design (Inductance, Isat, DCR, Winding & Core Loss)
- Thermal / Stress simulation
- Vibration / Noise simulation
- Mechanical / Safety design



- Alloy powder / Amorphous / Self-developed magnetic core
- B-H &  $\mu$ -H curve / Core loss / Saturation flux density / Cost

- Choke performance evaluation
- Noise evaluation
- Water cooling tester



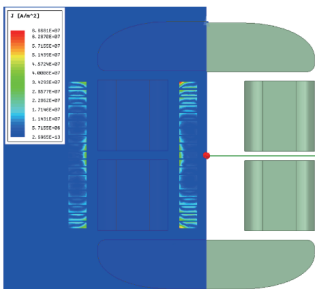
- Edgewise winding
- Laser stripping / Arc welding
- Assembly / Termination
- Potting process / Varnish



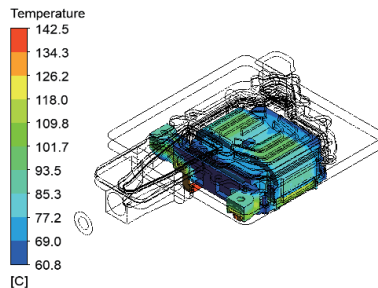
## Multi-physics CAE Capabilities

Built up multi-physics (includes electrical, thermal, mechanical, and noise analysis) CAE capabilities for better reactor performance and robust design.

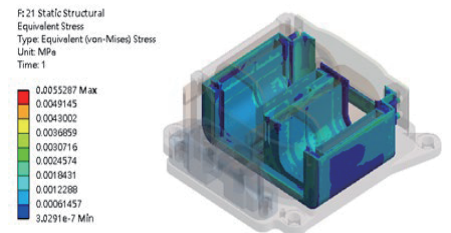
### Magnetic Analysis



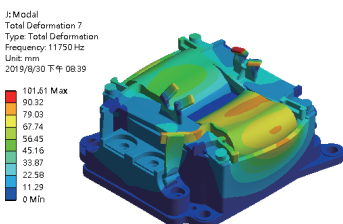
### Thermal Analysis



### Stress Analysis



### Vibration Analysis



### Noise Analysis



### Fatigue Analysis

