

## Their capabilities include:

- Compaction – CNC & Conventional
- Robotic Parts Handling at Compaction and Furnace

## Powder Metal Parts & Components include:

- Gears
- Complex Structural Components
- Large Tonnage
- Low to Medium Tonnage
- Ferrous base with multiple alloy solutions
- Electrical

- Sintering – Conventional, High Temp, Sinter Hardening, Sinter Brazing
- Secondary CNC Machining
- Surface Finishing
- Surface Treatment
- In House Lab

## Their Market Solutions include:

- Electric Powered
- Automotive
- Outdoor Power
- Recreational Vehicle
- Recreational Marine

- Sporting Goods
- Agriculture
- Industrial
- Medical
- HVAC



Pinion Gears, Bevel Gears, Spur Gears, Helical Gears, Internal/External Gears and Dual Gears.



Large Tonnage parts up to approximately 10 inches in Diameter, Clutch Plates, Brake Adjustment, Differential Case, Transfer Case Hubs, Sensor Rings, Tone Rings, Gears and more.



Pole Pieces, Armatures, Sensor Rings, Tone Wheels, Lamination Plates, Contacts, Planetary Gear Actuation Assembly, and many other Electro-Mechanical structural components.

## Electrical Applications:

- Lamination Plates
- Pole Pieces
- Armatures for Solenoids and Actuators
- Sensor Rings
- Tone Wheels



- Induction Contacts for Thermal Control Systems
- and more...

## Electro-Mechanical Applications:

Examples include gear systems and structural components used in advanced braking systems and actuation for BEV and Autonomous vehicles.



## Stainless Steel Solutions

Phoenix Sintered Metals utilizes pusher furnace High Temp to sintering process for the manufacturing of stainless steel products. 300 & 400 SS series



## Compaction Capabilities – Brockway

- 825 Ton Multi-Action
- 200 Ton Multi-Action
- 200 Ton 8 level CNC
- 150 Ton 7 level CNC
- 100 Ton - 5Ton

## Compaction Capabilities – Galeton

- 825 Ton Multi-Action
- 500 Ton Multi-Action
- 200 Ton Multi-Action
- 160 Ton 7 level CNC
- 100 Ton - 45Ton

[Click Here to Visit Phoenix Sintered Metals website](http://www.phoenixsinteredmetals.com)

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