



# EQUIPMENT & CAPABILITIES

877-653-9640/814-653-9640 OR [www.sintergy.net](http://www.sintergy.net)

## “We Make It Happen!”

2130 Industrial Blvd  
Reynoldsville, PA 15851



**Manufacturing: 86,500 sq. ft.**  
**Office: 2,000 sq. ft.**  
**Property: 10 Acres (with room for growth)**

**Mission Statement:**

*To earn a leadership position, in providing high-quality components and services to our customers, utilizing empowered employees, in a lean environment, to “make it happen” the first time, every time.*



**Q.C. Inspection**

- Vision System - Keyence (2)
- CNC CMM Unit – Hexagon
- CMM Unit – Reflex by Brown & Sharp
- SPC ProLink Monitoring Systems (5)
- SMART Resonate Testing
- Ultra Sound Tester
- Crush Tester - Carver
- Crush Tester - Forney
- Hardness Tester - Wilson (2)
- Hardness Tester - Misawa Seiki
- Visual Comparator - Gauge Master
- Digital Micrometers – Mitutoyo (Multiples)
- Digital Bore-Micrometers – Mitutoyo (Multiples)
- Many Parts Specific Gauges



Many specific Quality Inspection Tools and Equipment ensure that our products will meet customers' specifications.



**Molding / Compacting**

- 750 Ton – Gasbarre Multi-Level Press (2)
- 550 Ton - Gasbarre Multi-Level Press
- 500 Ton – Best Press
- 220 Ton – Gasbarre Standard
- 200 Ton – Gasbarre Standard (3)
- 200 Ton – Gasbarre DIE - SET (2)
- 100 Ton – Gasbarre Standard (3)
- 100 Ton – Stokes
- 60 Ton (Sizing) – South Bend
- 60 Ton – Gasbarre Standard (2)
- 30 Ton – Gasbarre Standard (2)
- 20 Ton – Gasbarre Standard

State-of-the-Art Presses ranging from 20 tons – 750 tons to accommodate various types and designs of parts.



Continuous Sintering Furnaces ranging from 14 inches – 24 inches; we also offer multiple treatments and platings.



Our in-house Secondary Machining has multiple options to enhance our ability to service our customers.



Our Steam Treatment System has decreased our delivery times on this process.



We have standard Shipping Containers for reduction of handling and standard quantities for your unique parts. Our Bulk Containers are reused often to support our GREEN thinking! And reduces our carbon footprint to the environment.

### **Atmosphere**

Endothermic Gas Generator – Abbott VS & Capacity  
Endothermic Gas Generator - Lindberg, 3000CFH (2)

### **Sintering / Ovens**

14", 3 Zone Furnace - J.L. Becker  
18" Furnace - Sinterite  
18" Furnace - Abbott  
24" Furnace - Sinterite  
24", 6 Zone Furnace - Abbott  
Cooling Tower - Marley Aquatower (Dual)  
Cooling Tower - BAC (Dual)

### **Secondary Machining**

Dual Spindle w/Gantries – MW120 Murata (2)  
Machining Center – VC-3600 Doosan (2)  
CNC Lathe w/UR Robot – GT-75 Omni-Turn  
CNC Lathe – GT-75 Omni-Turn (5)  
CNC Lathe – Geno SL-400 Okuma  
Machining Center – Proto-Trak VMC-2  
CNC Lathe Auto Feed – Takamaz XL-100  
Hone - Sunnen (3)  
Quality Control Monitoring – Keyence (2)

### **On-site Specialties**

Steam Treating  
Tumble (Grit) Blaster- Gibson (2)  
Supersheen Tumbler - Almco  
Tumbler - Ultra Matic & Tumbler - Honite  
Vibratory Tumbler - Sample  
Oil Dip Conveyor (2)  
Oil Impregnator System (2)  
Oil Tank - Husky (2)  
Spin Dryer (2)

### **Support Equipment**

2023 Peterbilt w/ 14' Box (for parts transfer)  
2016 Peterbilt w/ 14' Box (for parts transfer)  
2012 Chevy 1500 Pick-up (for tooling & service)  
3,000 - 4,500 lb. Fork Trucks (5)  
Air Technologies Compressors (60hp, 50hp & 25hp)  
100-Kilowatt back-up Gas Generator

### **Toolroom Equipment:**

2 Lathes, Vert. Mill - Sharp,  
Surface Grinder w/ Precision Tool Grinder,  
Hone – Sunnen, Heat-treat Oven - Lindberg

### **Secondary Processing (Outsourced)**

Heat Treatments & Coatings  
Multiple Platings & Finishes  
Various Types of Machining  
Other Value-Added Processing Options Available