



We Make It Happen

***Producers of Quality Compacted
Powder Metal Products***





About Sintergy

Sintergy, Inc. is a world-class manufacturer of custom-engineered, Powder Metal Components. We have the capability of producing a wide range of Powder Metal (P/M) Components, with molding capabilities from 20 to 500 ton presses. These components are used by a host of manufacturing industries, such as: Automotive, Agricultural Equipment, Lawn & Garden, Small & Large Appliances, Business Machines, Hand & Power Tools, Electronics, Consumer Products, etc.

Sintergy's employees have the expertise and experience, along with a "make it happen" attitude, to provide a distinctive edge over its competitors. Sintergy produces top-quality products, which are reliably delivered, on-time and cost efficient, for our valued customers. We employ a "common sense and logical approach" to meet and exceed the needs of our customers' requirements. At Sintergy, we use our engineering expertise to design custom solutions in partnership with our customers. This consultative approach provides solutions that fit the P/M process and best meet customer needs.



Our Facility

Sintergy, Inc. constructed a new 42,500 square foot facility on a 10 acre plot of land at the Industrial Park located in Reynoldsville, PA in 2010. This is just 15 miles south of Interstate 80, and 90 minutes northeast of Pittsburgh, PA. This new facility allows Sintergy to better meet the needs of our customers. The new plant has been designed to maximize efficiencies for the entire production process. The flow of materials during production has been streamlined to minimize handling, while reducing waste of product and production time.

Why P/M?

The P/M process provides many significant advantages over competing metal-working technologies:

Greater Shape and Material Flexibility

Application Versatility

Part-to-Part Uniformity

Improved Product Quality

Cost Effective (Very Little Material Waste)

Truly a "Green," Environmentally Friendly Manufacturing Process – most P/M is made of recycled material and can be reprocessed, so scrap is almost non-existent.



Further expansion of our facility is currently underway to add 8,000 square feet, enabling increased production capabilities. Our total manufacturing and office space will exceed 50,000 square feet, with the expansion provisions already in progress. This will allow Sintergy to serve our customers' growing needs well into the future. We are looking forward to supplying you with the highest quality parts, in a timely manner, from our clean, environmentally responsible facility.

SinTer-gineering Technology

An Innovative Approach to Engineering

Design Solutions

We work with our customers, engineer to engineer, to develop part designs that will serve their needs, through the P/M process. Customized Design Solutions is one of our main advantages over the competition. We can work with a variety of alloys, such as iron, steel, copper, bronze, and brass. We've produced parts never before made with P/M Technology, resulting in improvements in performance, and cost reductions for our customers.

Multi-Piece Assemblies

Sintergy takes great pride in developing customized solutions for our customers. We listen to our customers and find the best, most cost effective and process efficient way to meet their requirements, while fitting into the P/M process.

Sintergy specializes in engineering and producing multi-piece assemblies, which many P/M manufacturers do not have the expertise to produce. We take manufacturing challenges and convert those to cost efficient, value-added solutions. Multi-piece assemblies are a cost effective alternative to machining processes, with little or no wasted material.



Original Machined Part



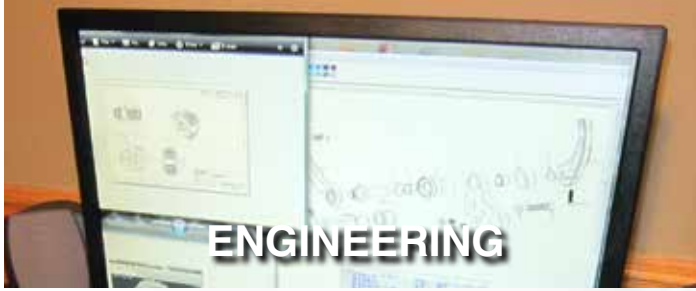
Sintergy's Solution: 3-Part Assembly of PM Parts



Final Sinter-bonded PM Part

THE P/M PROCESS

Some of the processes and options available when using powdered metal products include:



By using a variety of powdered metal mixes, we can achieve a wide range of structural characteristics, allowing us to custom-design tooling with Flanges, Keyways, Splines, Gear or Sprocket Teeth, and many others.



With multiple presses and various capabilities such as tonnage, multi-action, and sizing, we can cover many different design applications.

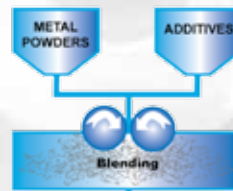


We maintain a controlled atmosphere, which allows a consistent repeatability of the products' unique characteristics. We also offer part infiltration as an option during this process.

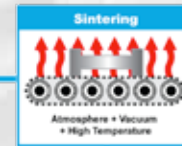
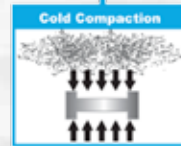


Different finishing techniques can be Machining, Tumbling, Tapping, Honing, Grinding, Oil Treating, Heat Treating, Grit Blasting, and Plating, as well as several other possibilities.

We use only certified raw materials as follows:



- Iron Carbon Steels
- Copper Steels
- Copper Infiltrated Material
- Bronze Material
- Brass Material



OUR MISSION

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.

QUALITY

Quality Policy Statement

Sintergy, Inc.'s goal is to have satisfied customers by meeting or exceeding all of their expectations the first time, every time.



ISO 9001:2008 Certified

Sintergy is proud to be registered to the ISO-9001-2008 Quality Standard, as a part of our commitment to the complete satisfaction of our customers. Our ISO certificate is available on our website.

CONTACT SINTERGY

To request a quote, please contact us via the contact information provided below.



We Make It Happen

Sintergy, Inc.

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