

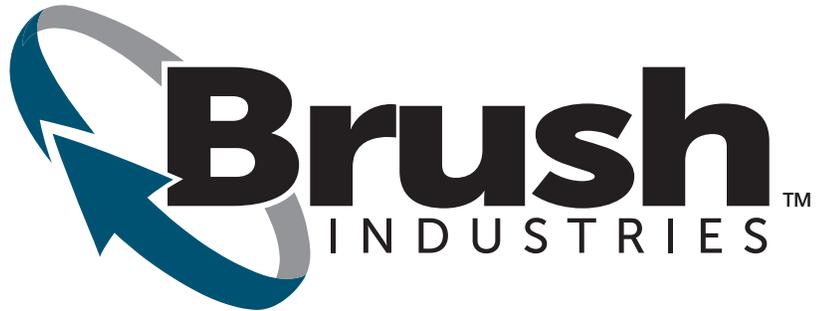
electromechanical



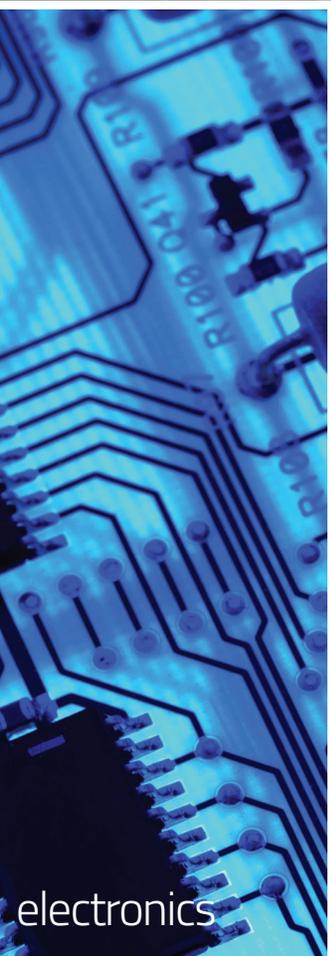
unattended vending



Innovative Solutions for Industry



transit



transactions



aerospace



petrochemical



automotive

electronics



Innovative Solutions

Solving Problems

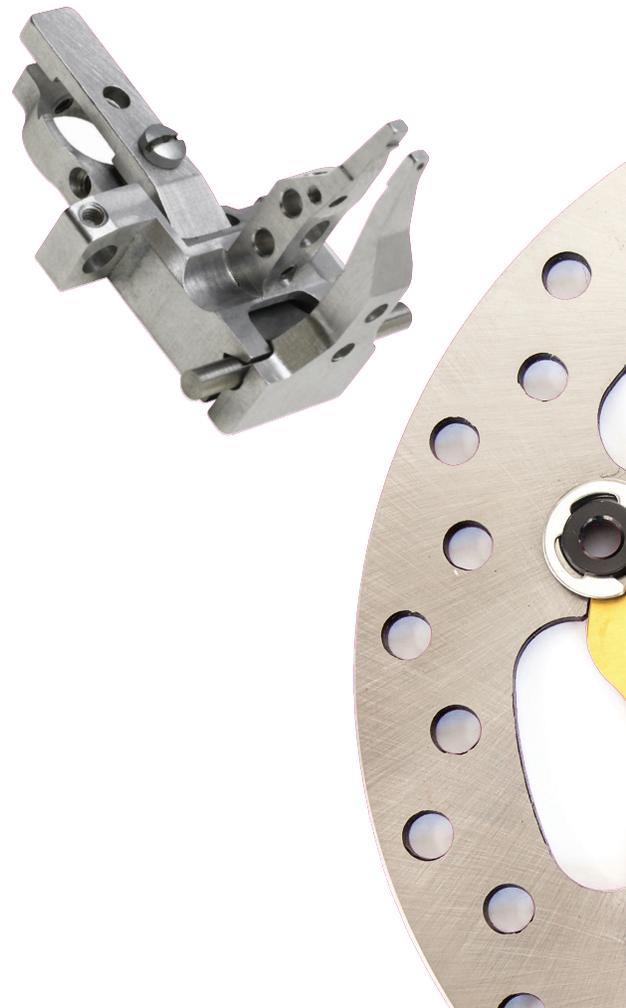
Brush Industries has a history of providing innovative solutions for industry. Over the years, we've developed proprietary materials and processes for our customers to ensure products perform remarkably well, even under the harshest environments. Brush has a broad range of expertise to help make your products more reliable, durable and cost effective.

Our products range from small electromechanical assemblies and precision machined parts - we work in the .0005 tolerance range - and assemblies to larger components, or even complete equipment builds, for a variety of industries; always with an eye for making them more reliable and durable.

Custom Engineering Services

The Brush team of engineers offers an average of 20 years of experience developing custom solutions for global customers across diverse markets.

Our team-based approach, offering expertise in design, manufacturing, mechanical and electrical engineering, ensures we will develop the right innovative solution for your project. Our services include design and development, prototyping, systems integration, value engineering and manufacturing.



for Industry

Contract Manufacturing

Are you looking for a turnkey manufacturer with unique capabilities? Brush offers complete dock-to-stock solutions. We are a leading global provider of manufacturing and assembly services. Brush can provide companies and OEMs with full-scale solutions including:

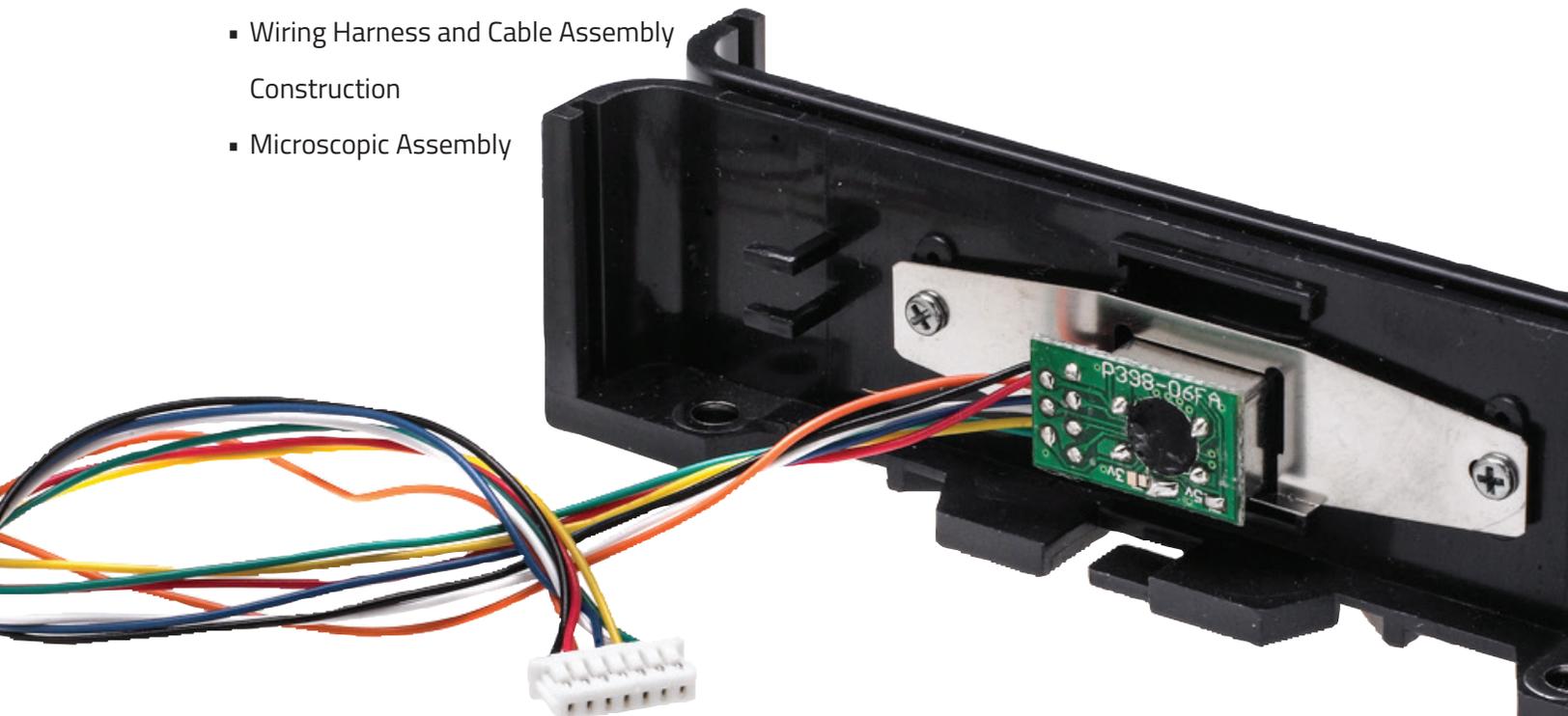
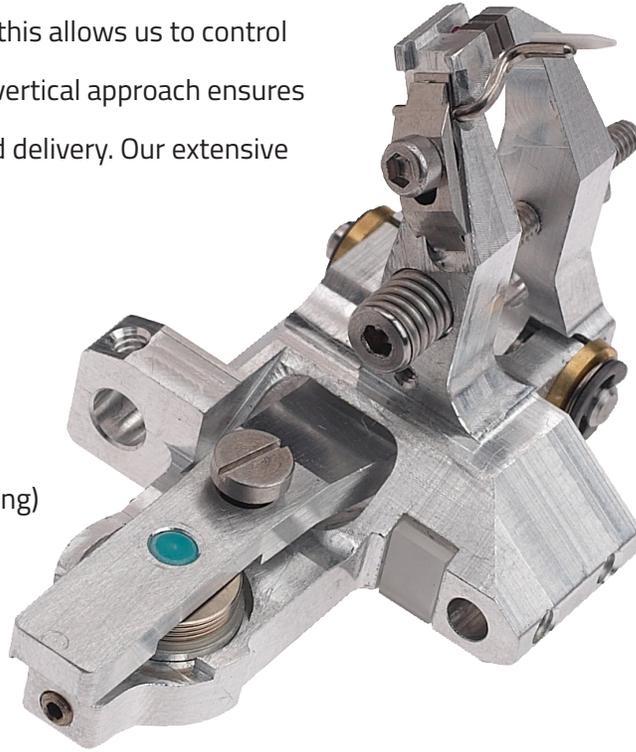
- Product Design and Development
- Software Development
- Systems Integration
- Component Assembly
- Manufacturing
- Product Testing
- Packaging and Distribution



Precision Machining and Assembly

Precision machined parts - we work in the .0005 tolerance range - and assembly is at the core of what we do. Our capabilities are broad on purpose; this allows us to control schedules, quality and costs. This vertical approach ensures timely, efficient manufacturing and delivery. Our extensive capabilities include:

- 3 and 4 Axis Machining
- CNC Turning
- CNC Profile Grinding
- Milling, Lapping
- MIM Parts (metal injection molding)
- Plastic Injection Molding
- High Vacuum Heat Treating
- Plasma Coating
- Hard Anodizing
- Coil Winding
- Environmental Testing
- Fabrication and Component Assembly
- Wiring Harness and Cable Assembly Construction
- Microscopic Assembly





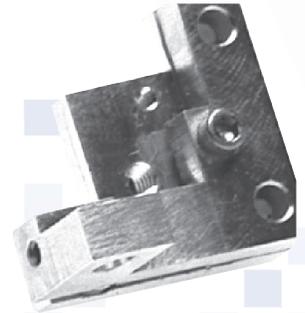
Applications

- Coin Changers
- Card and Ticket Dispensing Machines
- Hardened Wear Parts
- Bezels and Plates for High Traffic Machinery
- Textile Equipment
- Medical and Dental Devices
- Firearm Parts
- Automotive Parts
- Computer Peripherals
- Semiconductor Production Equipment
- Consumer Products
- Electronic Packaging
- Custom Parts for Manufacturing Equipment
- Custom Jigs, Fixtures and Test Equipment

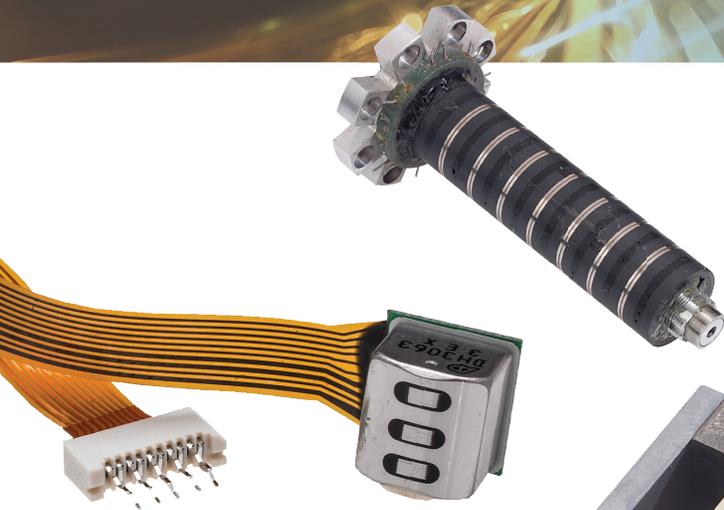


**Hardened
Wear
Components**

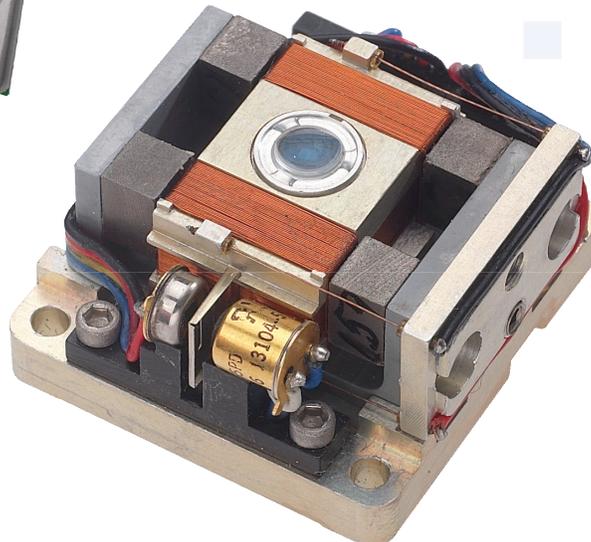
Mil-spec
MIL-A-8625 III



From prototypes through



**Electromechanical
Assemblies**



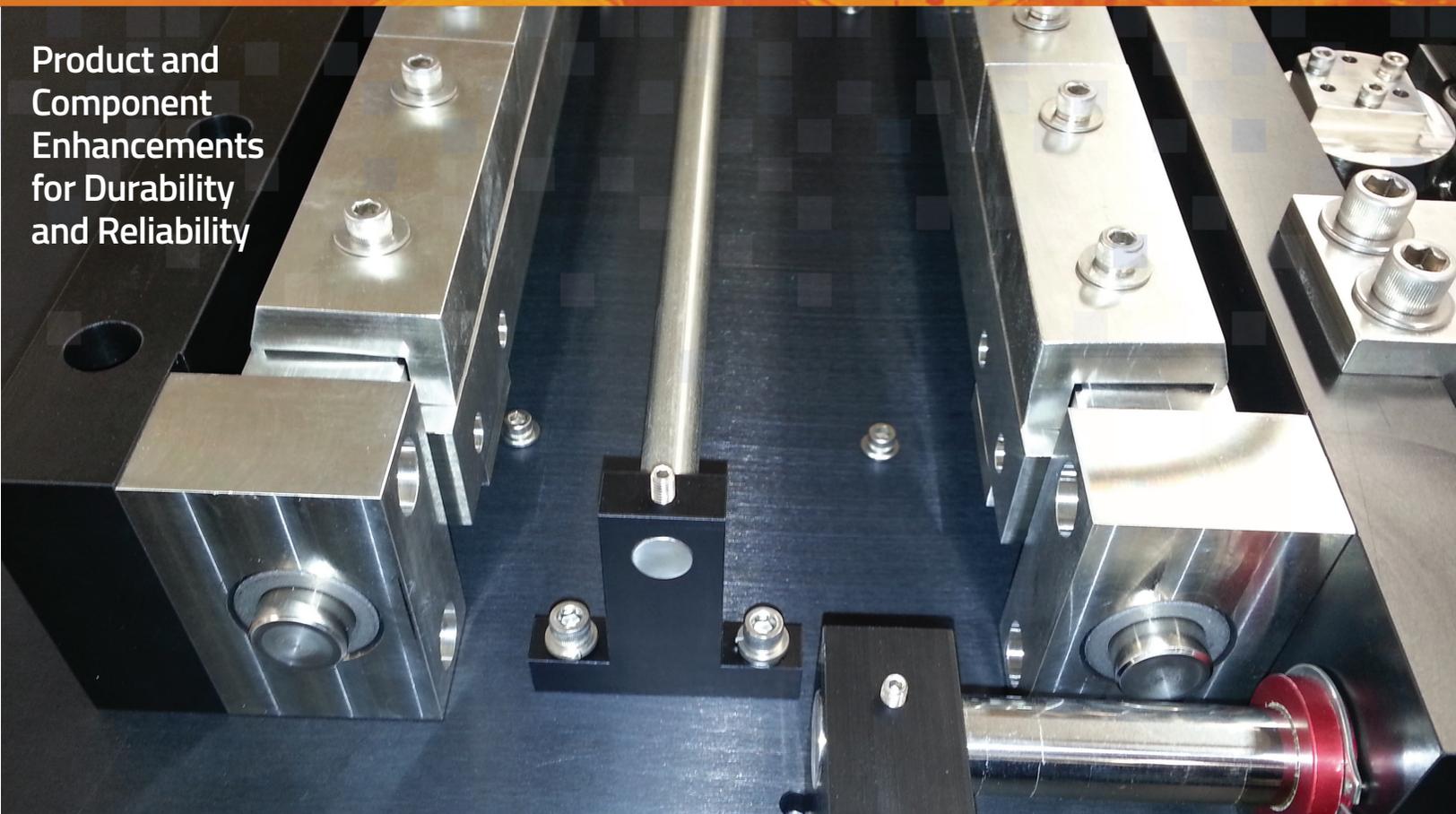
Coil Winding



Complex
Assemblies

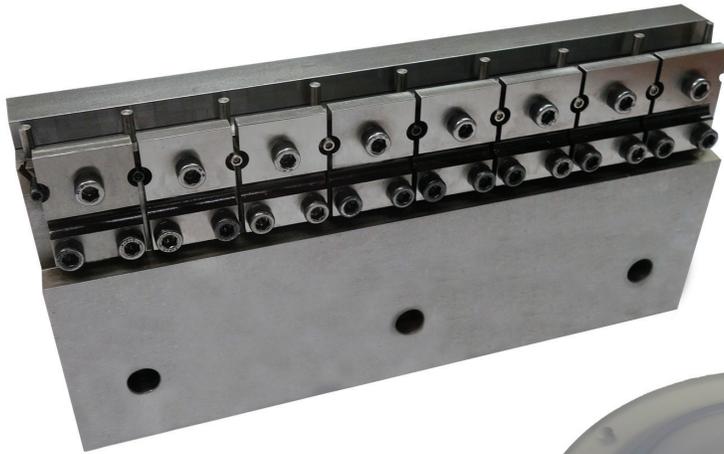
final manufacturing

Product and
Component
Enhancements
for Durability
and Reliability





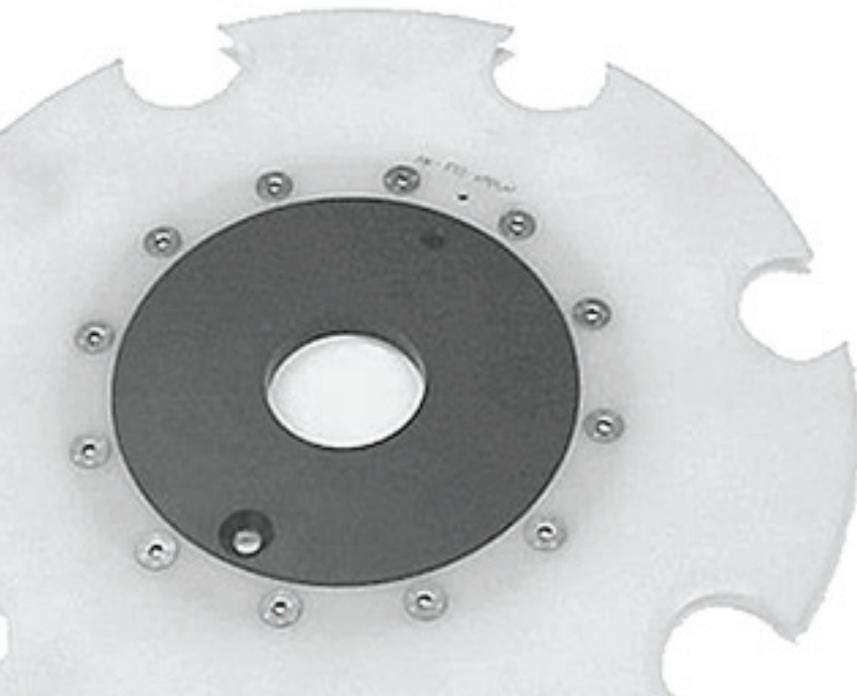
Custom Jigs and Fixtures



Precision Machined Components

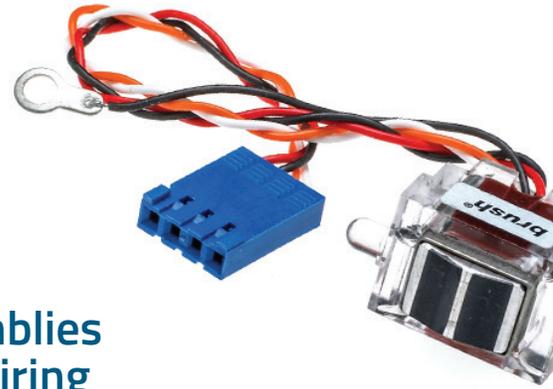


Complex Subassemblies



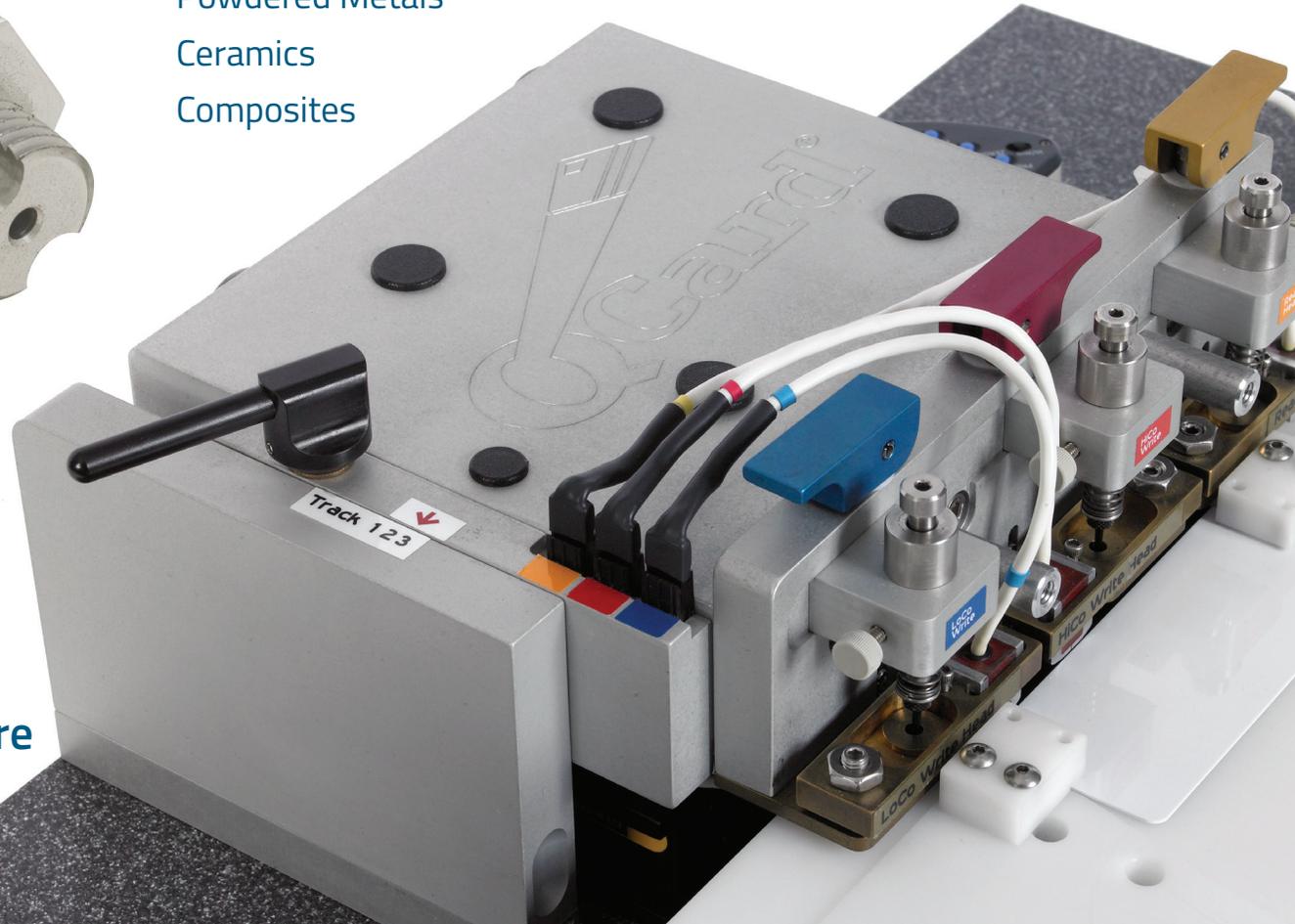


Cable Assemblies and Wiring Harnesses



Materials

- Copper
- Brass
- Stainless Steel
- Aluminum
- Tool Steel
- Beryllium Copper
- Plastics
- Powdered Metals
- Ceramics
- Composites



Turnkey Equipment Design and Manufacture

Experience

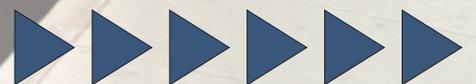
Brush Industries has kept the world moving reliably for more than 50 years. Our precision manufactured magnetic heads are used by hundreds of the world's major transit systems to process billions of fare collection transactions. We also provide magnetic heads to major card manufacturers; the cards in your wallet were likely encoded using our technology. If you've used a subway system somewhere in the world, you likely used Brush technology to speed you on your way. Magnetic heads require engineering and manufacturing that few manufacturers can match. Our experience with these components; in coil winding, machining, assembly, metal injection molding (MIM), electrical engineering, and many other technologies; can directly translate to your requirements. We stand ready to impress you with our precision manufacturing capabilities.





The Speed of Innovation

Without Brush Industries' technologies, much of the public transit world would come to a halt. Our ability to keep the world's transit systems running means we have the capabilities to help you with your precision manufacturing needs. Contact us to find out more.



Custom Test Fixtures For Quality Inspection



Markets move fast. Innovation drives today's companies. Our experience in research, development, prototyping and manufacturing complex, precision components and complete turnkey equipment projects can help keep you ahead of the development cycle.

CALL OUR TEAM TO GET STARTED



301 Reagan Street
Sunbury, PA 17801 USA
Phone: 570.286.5611
Fax: 570.286.2649
www.brushindustries.com



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570-286-5611