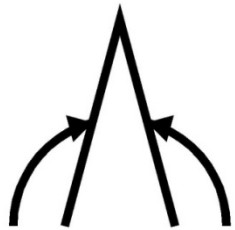


Medical, Energy, Railroad Semiconductor, and Industrial Markets



Where ever you go
ARC Systems, Inc. is there!

ARC Systems, Inc. is a leading supplier of AC and BLDC Motors and motion control components in many different markets.

ARC Systems, Inc. has been producing quality motion control products for over 40+ years. At ARC, our engineers interact continuously with customers from concept through manufacturing solving technical issues. We support our capabilities with state-of-the-art computer aided design (CAD) system and proprietary magnetic design programs specifically developed at ARC. All of our employees are ambitious by taking on challenges and solving them through innovative ideas.

We have a vast library of proven designs along with a broad base of frame sizes and configurations of each product line. This along with our engineering and manufacturing experience enables us to respond quickly and reliably to any design specification. We have a strong reputation for nourishing relationships with our customers and their engineers.

ARC Systems, Inc. has an excellent reputation for quality, reliability, and service. All of our products are designed and manufactured in the USA. We are ISO 9001:2015/AS9100D certified. Basically, we match our component knowledge to our customers needs allowing a quality solution at a reasonable price.



ARC's Systematic Design Process

CUSTOMER'S
REQUIREMENTS



- Concept Definition
- Requirements Established

ENGINEERING
DESIGN

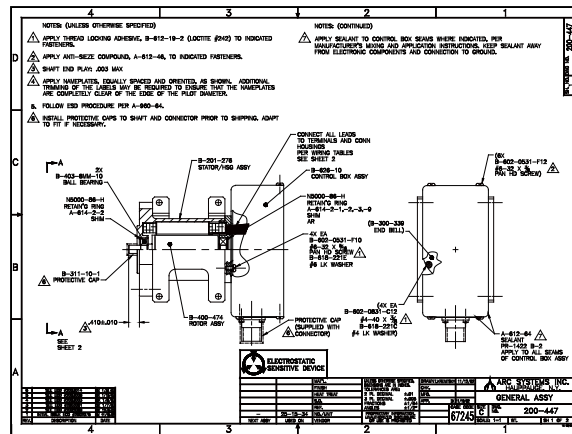


- Magnetics Design
- CAD Design Layout

DESIGN
VERIFICATION



- Proto-type testing
- Qualification Testing

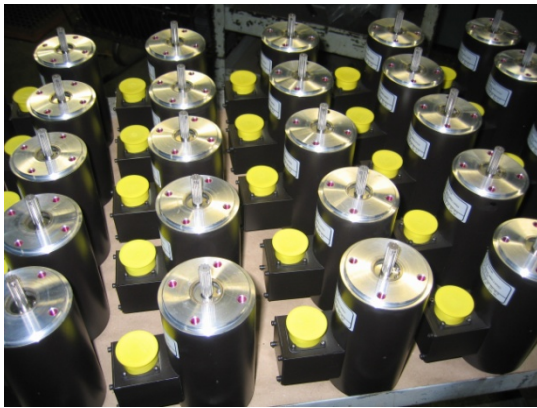


ARC's Systematic Design Process continued

PRODUCTION

FINAL INSPECTION

SHIP



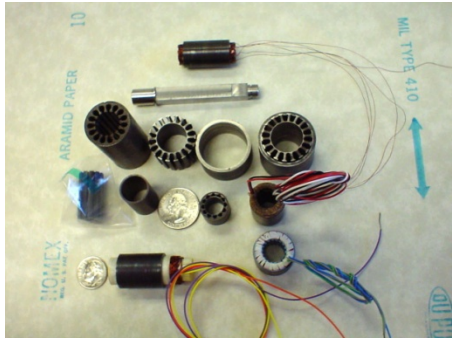
Products and There Application

ARC Systems, Inc. is proud to state we supply many different components to the following Markets:

- Medical – surgical tools
- Energy – oil drilling systems
- Railroad – train stop equipment
- Industrial – Freight Elevator Door and Gate Motors
- Semiconductor – components used for vacuum systems
- Environmental – motors used for monitoring pollution
 - Textile - motors for fabric spinning machines
 - Paper – Linear oscillators for paper doctor
- Entertainment – BLDC motors used on amusement park cars
 - Machine Tool – stator windings for spindle motors



ARC Systems manufactures key components in surgical tools.



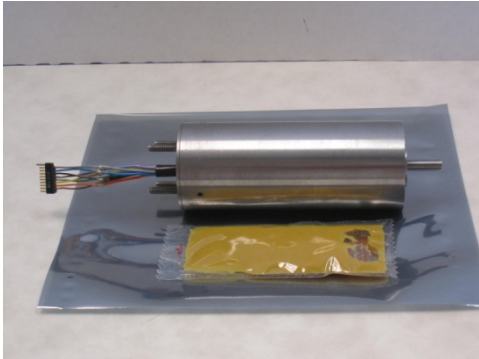
The medical market is forever changing. Technology advances almost exponentially. The components we manufacture are portable and require high efficiency and reliability. Our BLDC kits are often used since they exhibit high power density, high speeds, and are well balanced.



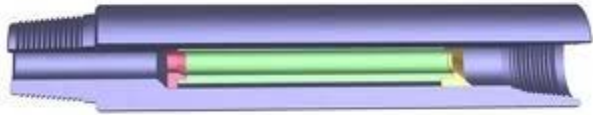
ARC Systems, Inc. has designed and manufactured hundreds of motors and components for the defense industry. Our products play a critical role in many systems. ARC's assortment of thousands of designs allow rapid design and proto-typing. Our technical capability has resulted in market leadership.

Over the past 40+ years, ARC Systems, Inc. has developed a reputation as a manufacturer whose people and products are at the forefront of the motion control industry.

Advancing Energy Technology and Solutions is one way to improve our economy and environment.



ARC has designed and manufactured high performance motion control solutions for oil and gas applications.



Our motors and alternators are extremely reliable which is a critical component for completing or even accelerating drilling operations.





Our engineering collaborates with you to create the best solution for your application. Our high performance components are designed and manufactured to meet your needs. Brushless DC Motors offer exceptional performance and have the benefit of reduced maintenance since there are no brushes or commutators to replace.



ARC Systems, Inc. manufactures stator and rotor kits for the Railroad Industry



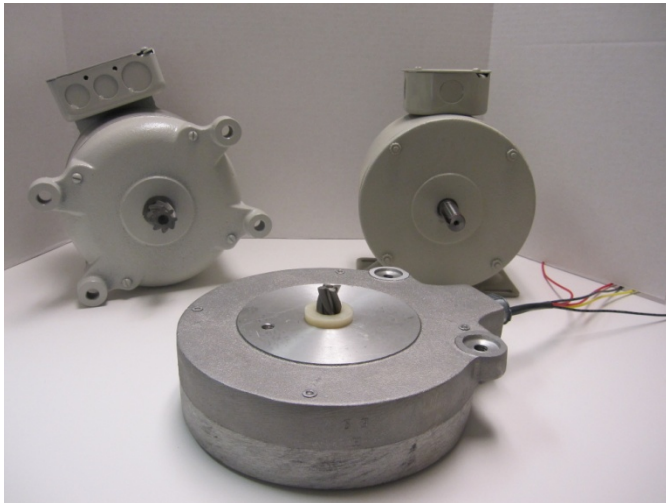
The Train Stop is used in conjunction with wayside signals in rapid transit systems to ensure observance of, and compliance with, restrictive indications. Failure to comply with the rules regarding such indications results in activation of the train's braking system. Operation is completely automatic, entirely independent of any action on the part of the motorman



ARC Systems, Inc. has been manufacturing motors for the Freight Elevator Door and Gate for over 40 years



ARC Systems, Inc. offers High Performance Squirrel Cage Induction Motors with High Energy Magnetic Laminations; these components exceed the most rigid performance requirements.



These motors are used for freight elevator doors Bi-parting Doors: These door panels open vertically away from each other

ARC Manufactures Stator Housing Assemblies and Rotor Assemblies for Vacuum Systems for the Semiconductor Industry



ARC Systems, Inc. High Performance Brushless DC Motors is ideal for many motion control applications. Our designs feature high torque to inertia ratios. We have the experience and the engineering expertise to meet virtually any motion control application.



ARC Systems, Inc. has designed and manufactured hundreds of motors and components for various other industries. Our products play a critical role in many systems. ARC's assortment of thousands of designs allow rapid design and prototyping. Our technical capability has resulted in market leadership.

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PROVEN PRODUCT IN:

- SURGICAL TOOLS
- OIL DRILLING
- TRAIN STOP SYSTEMS
- FREIGHT ELEVATOR DOORS/GATES
- SEMICONDUCTOR INDUSTRY
- ENVIRONMENTAL/TEXTILE/PAPER INDUSTRIES
- ENTERTAINMENT INDUSTRY
- MACHINE TOOLS



ARC Systems, Inc. provides the complete support you need in today's competitive environment, from initial engineering development through after market. Contact ARC to assist you in your electromechanical motion control evolution.

WHEN IT'S GOT TO BE RIGHT THE FIRST TIME .
CALL ARC SYSTEMS, INC.



We are ISO 9001:2015/AS9100D certified, and our ISO 9001:2015/AS9100D procedures apply to all aspects of our organization. These procedures ensure that complete control is retained.

We are committed to providing our customers with Reliable, High-Quality Products, and service. We would be happy to discuss your needs at your convenience.

For more information and application assistance contact D. Kirk in our Engineering Department at: dkirk@arcsystemsinc.com

ARC Systems, Inc.

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Website: www.arcsystemsinc.com

