

Agriculture Applications

American Rotary phase converters are built for the demands of agricultural equipment and applications. Often, farms are located in areas which do not have access to the 3-phase power grid. Paying the power company to bring 3-phase power onsite is expensive, and often cost-prohibitive. American Rotary phase converters provide reliable and cost-effective phase conversion for any agricultural setting.



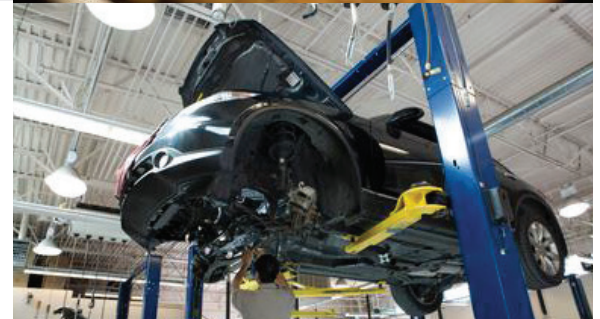
Food Service Applications

All of American Rotary phase converters have been designed to provide the precision output voltage needed for voltage sensitive applications such as pizza ovens, regular ovens, rotisseries and ice cream machines. This type of quality performance is ideal for Hobart mixers, wine presses, coffee grinders and other types of food processing machines.



Industrial/Other Equipment Applications

General Industrial Machinery accounts for so many different applications; there are too many to list! American Rotary phase converters convert single phase power to 3-phase power so any shop environment can take advantage of the tremendous advantages of 3-phase equipment, without being burdened by demand charges and expensive installation by the power company. American Rotary phase converters are quiet, easy to install, reliable, and robust enough to handle even the most demanding applications.



Machining & Metalworking Applications

American Rotary phase converters are perfectly suited for precision metalworking equipment such as wire EDM's, CNC lathes, CNC mills, and other voltage-sensitive applications. General Metal Fabrication equipment such as grinders, welders, shears, brakes, and benders, are often run on American Rotary phase converters. When converting from single phase to three phase power, American Rotary phase converters produce balanced 3-phase output to accommodate both very small, lightly loaded machines as well as very large or heavily...all with just one phase converter.



Woodworking Applications

American Rotary supplies phase converters for every facet of the woodworking industry! While a single phase converter can be used to operate a single piece of machinery, woodworkers often need to start and run multiple 3-phase machines (sometimes simultaneously), which also have varying load conditions. The balanced output of American Rotary phase converters allows for the safe operation of very small, lightly loaded 3-phase machinery on the same rotary 3-phase converter as larger, hard-starting equipment.



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Made & Supported in the USA

Our Phase Converters are made in the USA, using only the highest quality parts. Our Wisconsin-based team includes in-house R&D, engineering, manufacturing, tech support and customer service. We are dedicated to delivering high quality products and great service to our customers.

American Rotary phase converters come with easy to use installation procedures. A step-by-step installation pictorial is available on our website and we have a YouTube video that outlines the ease of installation. In addition, you always have access to our 24/7 toll free technical support.

Built Tough to Last in the Toughest Conditions

Our exclusive integrated soft-start VIT (Variable Impedance Technology) is built directly into the idler/generator and drastically reduces inrush (starting) current. The result is reliable starts, every time, with no voltage drop that can dim your neighbors' lights.

American Rotary phase converters are rated to run single or multiple motor loads. This capacity is only limited by the single phase current available. Our phase converters are precision balanced from a "no-load" condition so you don't need to worry about running a small motor together with larger ones using the same phase converter. More importantly, our phase converters can operate with no load engaged for an indefinite period of time, so you don't have to worry about damaging our units while your equipment loads are not operating. Our engineering department can help determine the right size phase converter for your needs.

Innovation

American Rotary has a 20+ year history of providing innovative technology and design, making our three phase converters more durable, reliable and precise than competitors. We are committed to continuing to introduce features and advances to improve our product to meet your needs.

Industry Leading Phase Converter Features:

- Precision voltage balanced with our patented MicroSmart Controller
- Custom Powder-Coated Steel Nema 1 and Nema 3R Enclosures Available
- Removable Sides for Easy Installation
- Wall or Floor Mount Configurations available
- VIT Electric Induction Generator with Soft Start Technology and Efficiency
- Full Current, Latching Push Button Starter
- PowerGuard Protection from Utility Interruption
- Current Transient Reactor (ADX, AI, AMP Models) for Starting of High Inertia Loads

