

Low-Cost 3-Phase Power

Gentec American Rotary's phase converters supply 3-phase power without 3-phase service or cost. Motors wired for 3-phase power, run smoother, draw less power and last longer than single-phase motors, but retrofitting 3-phase service is costly.

"A primary benefit of our converters is that we use VIT generators instead of a 3-phase motor," says Christopher Feavel Business Development Manager, Gentec American Rotary. "We provide a true soft-start application and require only a third the starting power of others. We also use a patented microstart controller that provides precise control and monitors voltage every 50 milliseconds. It offers fail-safe features unavailable with other converters. They prolong the life of the phase converter and the equipment it powers."

Rotary phase converters can be an economical alternative, whether for a single irrigation pump or one or more 3-phase motors in a shop.

"Our phase converters are often packaged with 3-phase equipment by the manufacturer or as part of an OEM application," says Feavel. "Irrigation equipment companies may build in a phase converter so the equipment can be used with either single or 3-phase power. We also have customers who simply got great deals on 3-phase equipment."

Gentec American Rotary offers a wide variety of phase converters from the AR line for home hobbyists and small businesses to the newly introduced AI industrial line.



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Converter models AR, AD, and ADX range in price from \$349 to \$5,500.

"Our new AI industrial line is rain, dust and snow proof," says Feavel. "It operates in temperatures from minus 50 degrees to 120 degrees. It has dust filters, a sun shield, rodent screens, and comes with automated and wireless control options."

Sizes in the AI line range from 3 hp to 600 hp and start at \$999. In all lines, final price depends on upgrades and accessories, such as wireless remote start, internal breakers and delay on/delay off timers.

Gentec American Rotary sells only American-made equipment and offers an extensive warranty and 24/7 customer support and sales.

Contact: FARM SHOW Followup, Gentec American Rotary, N59 W16600 Greenway Circle, Menomonee Falls, Wis. 53051 (ph 262 402-6400; toll free 888 743-6832; info@americanrotary.com; www.americanrotary.com).

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Extend Belt Life, Improve Control With Mechanical Disc Clutches

Mechanical disc clutches are easy add-ons to a multitude of uses from belt tightening to engaging and disengaging equipment. The long-proven, simple design eliminates wear caused by belt tighteners. Georgetown Hydraulics makes 8 models of mechanical disc clutches for use with 5 to 40 hp engines.

"They can be used to replace belt tighteners for longer lasting belts, used on line shafts or on engines," says David Esh, Georgetown Hydraulics. "All pulleys are A/B combination for use with either A or B type belts. Some models are available

with stub shafts for direct drive hook ups."

"Prices range from \$211 to \$776," says Esh.

Georgetown zinc-plates the clutches for rust resistance. Esh says they can be controlled either by cable or air cylinders. He says they are popular with wood shop operators with tools operating off line shafts. They are also popular with farm equipment and powered implements.

Contact: FARM SHOW Followup, Georgetown Hydraulics, 343 Christiana Pike, Christiana, Penn. 17509 (ph 610 593-2753).

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The clutches can be used for everything from belt tightening to engaging and disengaging equipment.