



EMPOWERING PERFORMANCE



Performance is now driven by the **TRIDO Industries** suite of solar powered products: Innovative and environmentally sustainable solutions designed to maximize reliability and efficiency.



Never Compromise.

TRIDO Industries began with the simple belief: **the oil and gas industry has an environmental opportunity to create long-term sustainability.** This set in motion a company dedicated to doing things differently. TRIDO high-quality solar power products lead the industry with zero-vent technology, one of the most reliable and powerful motors available and delivering flexibility to integrate with any existing system.

Since 2008, TRIDO chemical injection pumps and air compressors have helped customers experience success on their own terms – empowering performance and delivering results. While at the same time, establishing long-term environmental sustainability by reducing greenhouse gas emissions.



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Solar Power Done Differently

- Motor designed specifically to work with solar technology.
- Motor and VFD controller creates torque and acceleration that is perfectly linear with no dead spots.
- Motor creates instant peak torque at any RPM.
- Ultra-low power draw on startup (300 to 400 mA).
- VFD Controller samples the motors cycle position at a rate of 4000x per second and makes instant efficiency adjustments.



Accountable Technology

- Motor rated Class 1 Div 1 to be placed in a hazardous (methane gas) environment.
- 2- year warranty.
- Certified training and product support programs available.



Proven Field Performance

- Tried, tested and proven technology even in the harshest environments.
- Controller and SCADA technology adopted by major industry producers.
- Reduced footprint from fewer solar panels and batteries required
- Dependable service helps mitigate work-overs and well maintenance.



Flexible Integration

- Can use from 1 to 8 heads, in any configuration, with one motor and controller unit.
- Individualized volume adjustments for each head.
- Connects with almost any existing fluid pump technology.



Profitable Solutions

- Easy and accurate chemical delivery adjustment for substantial chemical cost savings.
- Virtually fault-less technology over traditional products for long-term cost savings.
- Low life cycle costs, long product life expectancy, for best long-term value.



100% Emission Free

- Environmentally responsible approach to meeting Greenhouse Gas goals.
- Carbon Credit rebate program approved.
- TRIDO systems enable achieving a 100% emission-free site with compressor & chemical pump.



Top Performers

Fully customizable and able to integrate with any system.

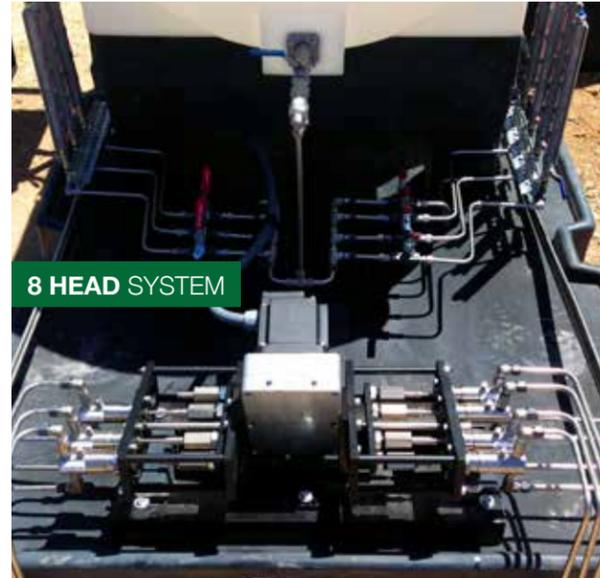
Solar Powered Chemical Injection Pump

The TRIDO Mini-Mizer Solar Powered Actuator is field-proven to accurately deliver desired chemical amounts year-round with zero venting. Ultra low power usage combined with ultra high torque enable the unit to pump against higher than normal pressures. Maintenance-free motor technology, combined with VFD controller, delivers power & efficiency with little or no wear. TRIDO customizable fluid head carrier system can carry from 1 to 8 heads and is built using components to enable almost any required configuration. The TRIDO system can be utilized with almost any fluid head technology available on the market today.

Features & Benefits:

- Maintenance free, 95% efficient 3-phase 24V brushless permanent magnet solar motor rated CSA Class 1 Div. 1.
- Controller, rated Class 1, Div 2 performs as a VFD and samples the motors position at 4000x per second to deliver the most efficient energy use possible.
- Low power consumption on start-up (approximately 400 mA) mitigates premature battery failure and provides longest autonomy available.
- Pinpoint injection control from 0.5L to 6 barrels per day.
- Operates against extremely high pressures (10,000 psi+) utilizing extremely high torque.
- Able to inject different volumes of different chemicals using 1 to 8 heads on a single system.
- Adaptable to fit the most common fluid heads on the market (ie, Texsteam 5100 series).
- TRIDO's Mini-Mizer programmable VFD controller operates in several modes including variable, temperature, pressure and SCADA via MODBUS.
- TRIDO's efficient motor allows the system to operate on fewer batteries and solar panels reducing the systems footprint.

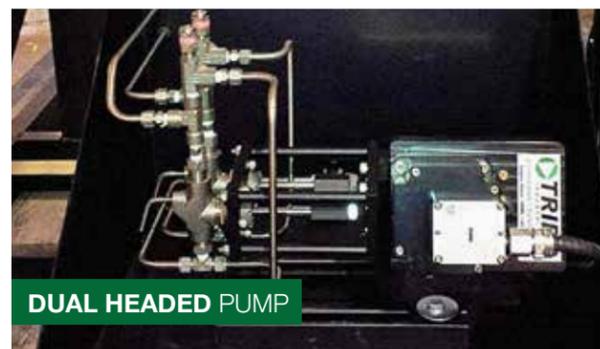
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8 HEAD SYSTEM



SOLAR PUMPING STATIONS



DUAL HEADED PUMP

Solar Powered Instrument Air Compressor

The TRIDO Solar Powered Instrument Air Compressor is a realistic solution to create emissions free well site instrument air. This simple design combines cutting-edge motor technology with the TRIDO VFD Controller to enable successful solar-power for an entire well site in the harshest of conditions. Where other systems freeze up, and the use of bottled gas is inefficient, the TRIDO compressor stands alone in its capacity to provide reliable instrument air.

Features & Benefits:

- Replaces fuel gas, propane or bottle gas driven instruments.
- Delivers air at more than 85% efficiency with a simple and efficient compressor design.
- Low RPM.
- Utilizes the TRIDO proprietary low wear and long life, Class 1, Div 1 motor.
- The design of TRIDO compressors simplifies maintenance.
- The oil-less compressor design provides contaminate & oil-free air supply.
- Produces 400scf per day at 30 psi, while maintaining a 30% duty cycle.



SOLAR COMPRESSOR SYSTEMS WITH MULTIPLE END DEVICES

TRIDO VFD Controller

The TRIDO VFD Controller is a patented, custom-built controller. The TRIDO Mini Mizer VFD controller is essentially the high-tech center for all the TRIDO product offerings.

Completely programmable and upgradable, this unique controller is easily adjustable with the ever-changing advancements in technology.

Features & Benefits:

- Easy to use.
- Operates in several modes to empower performance, variable, temperature, pressure and SCADA via Modbus protocol.
- Programmable and upgradeable.
- Rated Class 1, Div 2.
- Compact design to mount in existing panels or multiple mounts in a single panel.
- Additional ports make inputs customizable.

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VFD CONTROLLER

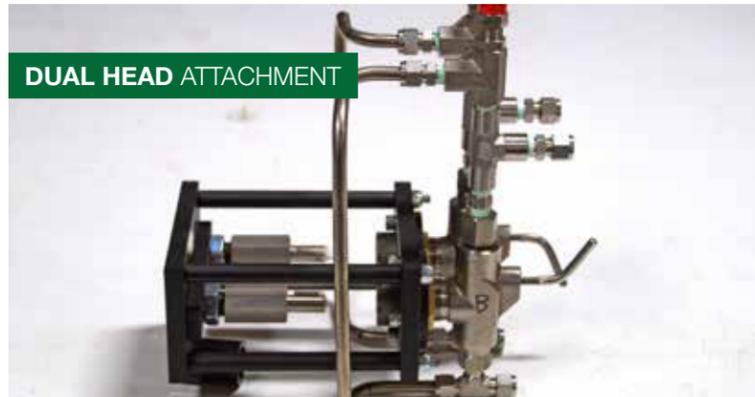


Heat Exchange Unit (glycol pumps)

The TRIDO Heat Exchange Unit, or heat trace system, is designed to replace conventional diaphragm style pumping units that circulate glycol around the well site. This high capacity pump is tried and tested in the field. When used with the cutting-edge TRIDO motor, the result is an efficient and virtually maintenance-free, high capacity pump.

Features & Benefits:

- Eliminates venting common with diaphragm pumps, and allows recapture of gas revenue.
- Replaces a high-maintenance system with a low maintenance system.
- Can be set up in parallel to increase volumes to meet any need.
- Extremely compact system for mobile or temporary placement.
- Complete with innovative TRIDO motor technology.



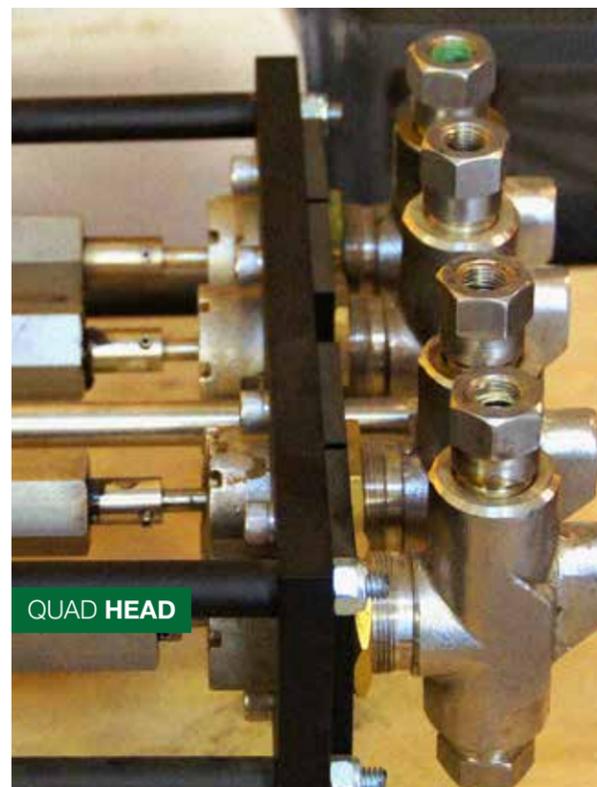
Accessories

TRIDO offers a wide variety of fully customizable accessories allowing you to set up your TRIDO system in the exact configuration you require. Extremely well-built and durable, the TRIDO pump and compressor accessories compliment the cutting-edge TRIDO motor and controller technology.

Features and Benefits:

- Completely customizable to work with your exact system and specific location.
- All TRIDO components are interchangeable.
- TRIDO accessories enable a “made-to-order” solution for each and every application.
- Simple and well thought-out to be the most adaptable and serviceable accessories – built with operations staff in mind.

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The TRIDO Advantage

The TRIDO advantage is how we demonstrate our products and solutions deliver significant and real improvements over your current operation.

TRIDO is essentially solar done differently – and we ensure that performance is not compromised.



TRIDO products empower the performance you demand.

From field performance to boardroom results, The **TRIDO** Advantage means:

Reliability TRIDO technology has restored confidence in solar products by bringing long-term reliability to a technology that truly needed it. Low power draw on start-up and our efficient VFD controller means that a powerful, energy efficient motor can complement existing systems. This low power technology means that batteries will not be compromised and less solar panels will be needed, while delivering unprecedented autonomy.

Versatility All TRIDO products are easy to integrate and flexible enough to work within almost any system set-up and environment. Working with existing fluid ends means that the highly adaptable TRIDO products complement existing systems. Our adaptability means the TRIDO system can be adopted without a lengthy learning curve.

Accountability Accountability starts at the top of our organization with a hands-on approach from the entire management team. This is demonstrated by our 2-year motor and controller warranty. Our commitment to distributors and end-users mean we are available, responsive and rely on feedback to deliver a superior product. TRIDO also offers certification programs and ongoing training to ensure our users are up-to-date with our continually evolving suite of products. We design environmentally smart products and are hands-on in the communities where we live and work.

Profitability Ultimately, TRIDO offers a highly-attainable method of significantly increasing profitability on your own terms. Our reliability allows lower operating costs through maximizing battery potential and fewer work overs due to proper chemical delivery. This alone provides significant cost savings. Our versatile suite of products can dramatically reduce the amount of chemical as well as seamlessly integrate with your existing systems so that no start-up costs need to be incurred with incorporating TRIDO products. With government approval of the TRIDO stroke counter system and carbon credits collection, profitability is deeply entrenched in each part of our business.



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Productive & profitable solar-powered solutions.

Integrate our solutions with your systems. Find out how the TRIDO suite of products can deliver the sustainability and reliability your business demands. All our products are available through a TRIDO certified dealer and backed by our 100% satisfaction promise.

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For data, product downloads and our dealer listing, visit www.tridoind.com