



LECTRODRYER

TURBINE /GENERATOR AUXILIARY EXPERTS

Water Injection Pump Skid

The Lectrodryer Water Injection Pump Skid increases the pressure of Demineralized Water supply for injection into the combustion chamber of the gas turbine. Utilizing a Water Injection Pump Skid decreases the amount of NOx in a gas turbines exhaust.

PRODUCT:

The Water Injection Pump Skid is skid mounted for simple field installation and is constructed of stainless steel wetted components and piping .

The system is composed of:

- Centrifugal Pump
- Pressure Measurement Devices
- Emergency Shut Off Valve
- Filter
- Junction Box for Instrumentation Termination

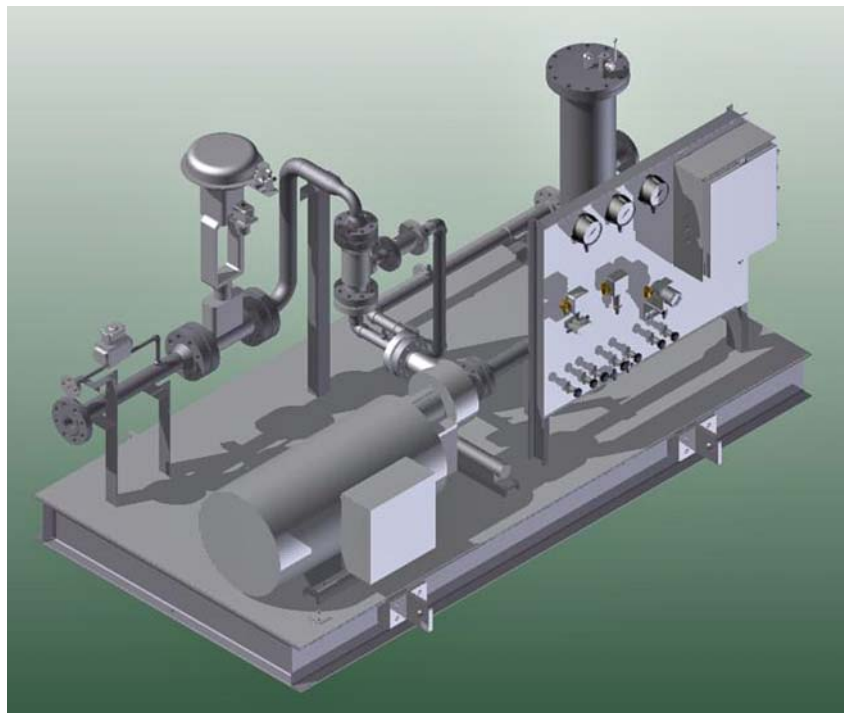


CRN



DESIGN PARAMETERS:

| | |
|--------------------|--|
| Gas/Liquid | H ₂ O |
| Operating Pressure | 1900 PSIG (131 bar) |
| Design Pressure | 2000 PSIG (137 bar) |
| Design Temperature | 131°F (55°C) |
| Maximum Flow Rate | 145 GPM (548 LPM) |
| Power Supply | 480 volts 3 phase 60 hertz 250 HP |
| Connection Sizes | 4" inlet (100DN) 3" outlet (80DN) 2" return (50DN) |
| Junction Box | NEMA 4 |

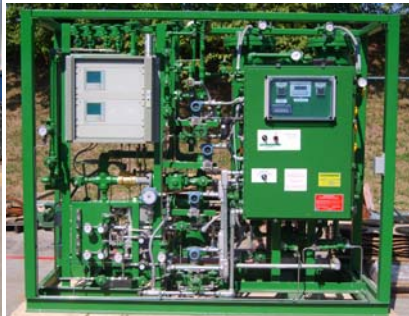


Lectrodryer Power Sector Products

Hydrogen Cooled Generator Auxiliaries

Hydrogen is used to cool large stationary generators because of hydrogen's high heat capacity and low density. It is vital that hydrogen remain dry in order to maintain these properties and prevent damage to the generator.

Lectrodryer's BAC-50 hydrogen dryer is a continuous automatic operating unit that guards against damage causing moisture which can lead to costly repairs and extensive down time. The BAC-50 reduces maintenance and minimizes operator involvement. Lectrodryer also offers the Gas Optimization Skid, which incorporates and unifies the typical generator auxiliaries. The Gas Optimization Skid can be tailored to meet customer specifications including such components as the BAC-50 dryer, gas control piping, continuous generator monitoring, generator purity monitoring, and liquid level detectors.



Landfill Gas

The Lectrodryer Landfill Gas Compression System is designed to compress, clean, and deliver a volume of landfill gas at a specified pressure and quality. The LGCS strives for efficiency, one that minimizes initial cost and seeks to operate at the lowest possible horsepower.



Lube Oil/Air Tanks

Lectrobreather tank vent dryers prevent atmospheric moisture from entering storage during "breathing" due to ambient temperature changes and draining periods. Valuable oils and chemical solutions remain free of water contamination.



CONTINUING THE TRADITION OF QUALITY AND SERVICE SINCE 1932
LECTRODRYER

P.O. Box 2500, Richmond, KY 40476-2602 (U.S.A.)

Phone: +1 (859) 624-2091 / USA Toll Free: 877-403-5215 / Fax: +1 (859) 623-2436

Website: www.lectrodryer.com / E-mail: info@lectrodryer.com