

# SAMINCO

ELECTRIC TRACTION DRIVES



# PX1 *Series*

## VFD\* Pump Control Systems

AVERAGE PAYBACK PERIOD OF LESS THAN 1 YEAR  
DUE TO ENERGY SAVINGS.

230 to 600VAC - Up to 500HP

\* VARIABLE FREQUENCY DRIVE

- System Control Based On Flow or Pressure
- Elimination of Water Hammer Reducing Stress on Pump, Pipes and Valve Seals
- Reduced Demand on Power Center/Generator
- Built in Motor O/L
- Input/Output Phase Loss Protection
- Ground Fault Detection
- Full 1 Year Warranty, Parts and Labor

The Saminco PX1 Pump Control System automatically adjusts pump operating conditions as the process variables change while maintaining optimum pump performance and protection.



**NEMA 1**



**NEMA 3R**

**MULTI-MOTOR CONFIGURATION AVAILABLE**

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**Standard Operational Specifications**

- NEMA 1, NEMA 12 and NEMA 3R Enclosures Standard
- 3 Contactor By-Pass Design to Ensure Continuous Operation
- Power Loss Ride-Thru Capability
- Auto Restart on Fault
- Automatic Switch to By-Pass on Fault
- C/B with Thru Door Pad Lockable Mechanism
- 120VAC Power Supply for Customer Use
- Fault Contact Outputs
- Run Contact Outputs
- Customer Safety Interlock Inputs

**OTHER PRODUCTS AVAILABLE FROM SAMINCO INC.**

- Starter Boxes
- 2.3kV - 15kV Soft Starter Packages
- Synchronous Motor Starters
- Wound Rotor Starters
- Load Break Switch Controls
- VFD Ventilation Systems
- VFD Feeder-Breaker Systems
- VFD / 230 to 4160V / 1 - 10,000 HP
- DC Drives / 230 to 690V / 5 to 2,000 HP

**SAMINCO INC.**

10030 Amberwood Road  
Fort Myers, Florida 33913 USA

Tel: 239.561.1561 Fax: 239 561-5493

Visit us online at [www.samincoinc.com](http://www.samincoinc.com)