# **SAMINCO** international

# Industrial Controls for:

Pumping and Irrigation Material Handling Fan and Ventilation Crushing **Retrofit/ Upgrades** Lift Stations Remote SCADA

#### **Pumping & Irrigation**

#### **Typical Applications**

Centrifugal pumps Submersible pumps Vertical turbine pumps Pump systems starting from limited power sources like generators:

Irrigation Booster pumps Lift stations Tank fill Water treatment

#### **Special Functions**

Remotely monitor your system from any location at any time. **Operation Status** Alarm notification Data logging with export function

We are a value-added distributor and manufacturer of industrial controls and integrated solutions. We will come to your site to assess your needs, design a fully integrated system to your specifications, retrofit and install as needed, and offer complete start-up and commissioning. We are here 24/7/365 to support our products and service long after the install. From start to finish, we want you to be satisfied with the process and the product.

# **Fan & Ventilation**

#### **Typical Applications**

Mineshaft ventilation Tunneling ventilation HVAC systems Smoke ventilation Fire control ventilation

#### **Special Functions**

Reduced inrush currents and mechanical shock Compatible with all building automation systems: BACnet Metasys N2 Siemens APOGEE™ ELN Modbus Ethernet / IP Stand alone, 2 contactor, 3 contactor, dual motor, etc. Package options available. Harmonic mitigation to fully comply with IEEE 519 levels EMI / RFI control

Medium Voltage

3.3kV for 175 - 4.000 HP

4.16kV for 300 - 10.000 HP

6.6kV for 330 - 16,000 HP 11+kV for 700 - 13,200 HP

**Typical Applications** Aggregates Quarry Coal mining Asphault and concrete

Crushing

pin

#### recycling **Special Functions** Reduced inrush currents and mechanical shock Allows generator or soft line supplies Load sensing to reduce shear







## **VFD Drive Controls**

#### Low Voltage

240V for .5 - 175 HP 480V for 1 - 1000 HP 600V for 1 - 250 HP Single phase input with three phase output available on all voltages. Please consult Saminco for details.

All enclosure options available, NEMA 1, 12, 3R, 4X as well as custom configured packaged control.

## Soft Starter Controls

#### **Voltages Available**

208V - 600V, 8A - 1100A, with built in by-pass 230V - 600V, 72A - 1100A, heavy duty rated with provisions for external by-pass 1000V, 105A - 460A, heavy duty rated with provisions for external by-pass 2.3kV - 15kV, up to 50MW

**Material Handling** 

**Typical Applications** 

Process, container and

Overhead cranes

**Special Functions** 

mechanical shock

braking capabilities

available

Food and beverage packaging

Reduced inrush currents and

Load sharing, positioning and

Common DC bus and dynamic

synchronization capabilities

Fully regenerative front end

Harmonic and EMI / RFIO

mitigation options available

Conveyors

Slope belts

All enclosure options available, NEMA 1, 12, 3R, 4X as well as custom configured packaged control.

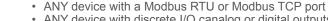
## **Remote SCADA Systems for Industrial Controls**

Saminco is an authorized service provider and

systems integrator for Yaskawa's VFD products.

The SCADA server allows you to access your control system by using a PC, tablet or mobile device via mobile or direct internet connection. Used to connect to:

- VFDs .
- Soft Starts
- Motor Protection Devices



Measurement Devices

· ANY device with discrete I/O canalog or digital outputs





Danfoss Drives **DrivePro**® Service Partner





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Our Fort Myers location includes the main facility for R&D, production and testing (the light gray building) as well as our testing yard in the background with the white structures and test hill .

Ph: 239-561-1561



Our Huntington, WV facility includes our panel shop, rebuild / repair workshop, and motor warehouse.



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