

SAMINCO

ELECTRIC TRACTION DRIVES

World Class Conveyor Controllers

VX1 Series

Feeder-Breaker Conveyor Controller

230 to 600VAC - Up to 500HP



ELIMINATES

- Shear Pin Trips
- Broken or Bent Chain Flights
- Chain and Sprocket Wear
- Shock Loading of Gearboxes

PATENTED 3 LEVEL VFD CONTROL

- Allows retrofit of existing Standard AC Motors
- Reduced motor heating
- Eliminates electrical noise Associated with standard VFD controls

- Reduced Down Time
- Reduced Maintenance
- 1 year Warranty, Parts and Labor
- Start Up Included
- Local 24/7 Support
- Turnkey Solutions from Saminco
- Custom Controls Available

Ask about our **SWAP TEAM** service:
Saminco can retrofit your Feeder Breaker
System in the field at your site!

The Saminco Feeder-Breaker conveyor system automatically adjusts the speed of the conveyor motor depending upon the work load of the pick breaker. The harder the pick breaker works, the slower the conveyor chain runs. This results in an increase of production by reducing down time due to shear pin failures and other mechanical failures.



Standard Operational Specifications

- Patented 3 Level Inverter Design
- Overload Capacity: 150% for 1 min, 200% peak
- Starting Torque: 150% @ 1Hz
- Output Freq: 0.01 to 400Hz (normal duty)
- Adjustable Accel/Decel: 0.1 to 6000 seconds
- Drive Efficiency: 98% (typ)
- Serial Communications Standard
- Programmable Auto Restart on Re-settable Fault
- Overheat Protection
- Over Voltage Protection



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 Pump Systems
- VFD / 230 to 4160V / 1 - 10,000 HP
- DC Drives / 230 to 690V / 5 to 2,000 HP

SAMINCO INC.

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