UL 508 & UL 698 Control Panels

Custom Switch Gear

Custom Variable Frequency Drive Systems
Product Design and Development

Dead front panel

Busbar

Solidworks
Cutting edge 3D modeling software produces precise mechanical products

Autodesk

Wallmount Enclosure Schematic

AutoCAD Electrical
Industry standard software creates accurate and effective drawings
Manufacturing Solutions

**Crusher duty**
- Heavy duty dust systems
- Custom stainless steel and aluminum enclosures
- Air conditioning NEMA 4X
- Explosion proof
- Air/water heat exchangers
- Bullet resistant

**Mine duty**
- 600 HP 5KV VFD
- Skid mounted
- 1/4” steel construction

**Legacy Product Replication**
- Drop in replica by Quality Electrical Systems 2008
- 3000 Amp - 5 KV bus duct
- Throat to throat configuration

1940’s Alice Chalmers Bus Duct System
designed and custom built to

- UPS Paralleling systems up to 5000 Amp
- Generator paralleling systems up to 5000 Amp
- Fixed or draw out breakers
- Auto throw over systems
- Bus duct connections
- CNC fabricated bus work

- Programmable Logics Controls
- Variable Frequency Drives
- Solid state reduced voltage starters
- Active harmonic filters
- Touch screens

- 12, 18, 24 and 36 pulse systems
- Low pass harmonic filters
- Active rectifiers
meet your exact requirements

**Airplane tug**
- 24V System
- Towing capacity up to 15000 lbs.
- Variable speed throttle
- Forward/Reverse switch
- Programmable motor controller
- Plug-in connector for on-board battery charger

**Point of Sale**
- Transaction system with satellite up link performing credit card transactions for the oil industry

**Utility Services**
- Turnkey with service entrance
- Remote control via radio network or electrical contactors
- Mechanically held