



Advanced Digital PLC Control

**ISO 9001-2000 CERTIFIED**

# SCR Drive System

For Land & Offshore Drilling, Production & Marine Industry  
Up to 3000 HP with single bridge

- Advanced Microprocessor Technology
  - Programmable regulator
  - LCD operator's panel, alphanumeric
  - Detail fault diagnostic display
  - Serial ports provide communication with PLC's, other drives & computers
  - On line help screens
- Redundant PLC Controls & Communications
  - Connectability to various operator interfaces including touch screen
  - Direct connection to remote diagnostic and display programs via hardwire or telephone modem
  - Reduces cable required for lower rig up and maintenance cost
- Full Four Quadrant SCR Bridge
  - Regenerative braking
  - Electronic armature reversing
  - System utilizes fewer components which lowers maintenance cost
  - Automatic field weakening without tachometer
- Safe & Quiet System operation
  - Quiet compact fan > 70 db
  - Full height barriers inside metering compartment
  - Local control
  - Password protection



Designed to meet  
IEEE, ABS, USCG,  
SOLAS & DNV



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