

# Maintenance & Repairs

# OEM Replacement Parts for Maintenance & Repair

Our service department offers complete repair/refurbishing of existing Power Semiconductor Stack Assemblies:

- Testing and replacing components.
- Inspect and clean heat sinks.
- Replace power semiconductors, clamps and snubbers.
- Test reports provided with each refurbishing.



The Power Semiconductor Tester Model AL 3300 is specifically designed to test all types of power semiconductors rated up to 3300 volts and tests are done according to JEDEC Standards.



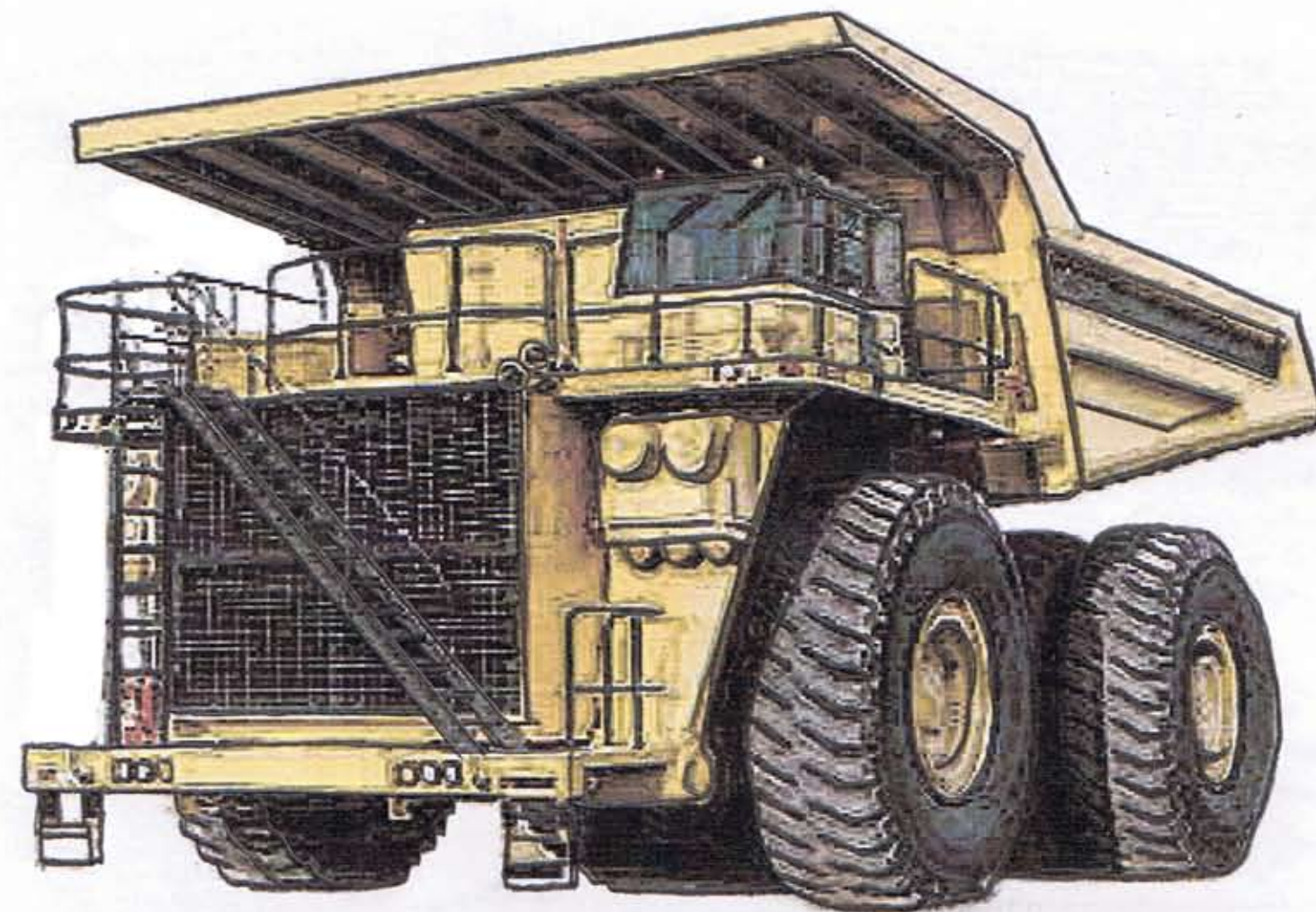
Power Semiconductor Tester  
Model AL3300



Test set-up with press pack thyristor



Standard Accessories for AL3300



## Electrical Parts & Services for Drives and Controls

Replacement Parts  
for the Following  
Manufacturers:

Bucyrus  
GE  
Komatsu  
Le Tourneau  
Liebherr  
Marion  
P&H  
Siemens  
Terrex  
Unit Rig

# Thousands of Replacement Parts for the Mining Industry



GTO Thyristors



Pulse Transformers



SCR Thyristors



Voltage Sensors



Rectifier Diodes



Current Sensors



IGBT Modules



Semiconductor Clamps



Diodes



Stack Assemblies



DC Contactors



Heat Sinks



Heat Sink Assemblies



Contactors/Starters/  
Circuit Breakers



Gate Drivers



Snubber Capacitors



Fuses



Gate Drivers for  
GTO's, IGBT's and SCR's



Diode/SCR Modules



Capacitors

## DC Drive Systems

- GTO Thyristors
- SCR Thyristors
- Rectifier Diodes
- Vacuum Contactors
- Field Static Excitors
- DC Contactors
- Semiconductor Clamps
- Fuses
- Voltage/Current Sensors
- Capacitors
- GTO Gate Drivers
- Contactors/Starters/Circuit Breakers

## AC Drive Systems

- IGBT Modules
- GTO Thyristors
- SCR Thyristors
- Free Wheeling/Snubber Diodes
- Current/Voltage Sensors
- Pulse Transformers
- Gate Drivers
- Semiconductor Clamps
- Fuses
- Contactors/Starters/Circuit Breakers
- Field Static Excitors
- Snubber Capacitors