



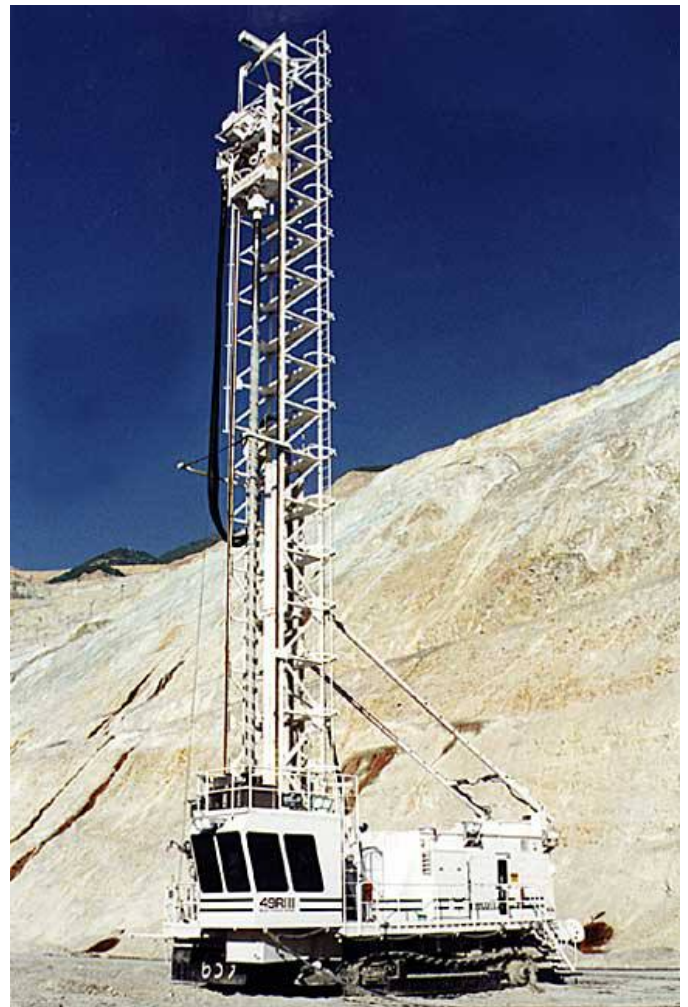
Drill Electrical Upgrades

Replace your old drives with modern off the shelf Digital DC Drives for greater torque regulation and faster speeds in the Hoist and Pulldown modes!

Flanders Electric can help you upgrade your rotary blasthole drilling machine by replacing the outdated DC drives giving the operator greater speed and range.

- By retrofitting the drives and PLC program, you can achieve a level of control over the drill process that you haven't been able to achieve in the past.
- While the machine is in the hoist mode, be it low hoist or high hoist, the drive acts as a speed control system.
- When the machine is placed in the pulldown mode, the drive then switches to a torque control system where the operator selects how much torque or down pressure he wishes to apply.
- By retrofitting your equipment with new drives and possibly a new PLC, you can increase the potential connectivity for future automation goals.
- Various mine sites are realizing increases in production of at least 10% with this retrofit.

Ask us about our other mining solutions like our **Mining Shovel Electrical Upgrades**, portable **Mining Switchgear**, **Portable Mini-Substations** with controls for pumping or other specialty operations, Custom **E-Houses** and full panel fabrication shop, **Automation Integration**, **AC and DC Variable Frequency Drive Systems** and so much more!



THE POWER TO PERFORM