

# SERVICES



## Electric Motor Rebuild, Re-design, Exchange

Davis Electric is a complete EASA service facility. We can rebuild AC & DC electric motors up to 1500 HP. Our repairs include PDMA analyzation, core-loss testing, VPI insulation, vibration analysis, dynamic balancing and full load testing to 1500 Hp @ 4160 vac. Redesign performed by in house electrical engineer in coordination with EASA. We keep a large inventory of service exchange motors. Prompt service available 24 hours a day, seven days a week.



## Pump Rebuild and Exchange

DE is a full service pump rebuild facility including submersible, centrifugal, vertical turbine, submersible turbine, diaphragm, and air operated. All pumps are performance tested for pressure and volume. We also have a large inventory of new and rebuilt submersible pumps available for immediate service exchange 24 hours a day, seven days a week.



## Mining Component Rebuild

Davis Electric has many years of experience in rebuilding many types of mining components including but not limited to the following: Axle Assemblies, DC Equipment Resistance, DC Contactors, DC Panel boards, Control Switches, Track Switches, Drills, Cable Reels and many other items.



## Mining Equipment Rebuild

DE provides quality rebuilds of several different types of mining equipment. We can perform simple repairs to complete rebuilds from the bare frame. DE specializes in the following equipment: Roof Bolters, Personnel Carriers, Rock Dusters, Locomotives, Loaders, Pump Stations, Scoops, Drive Units and many other types of equipment.



## Custom Manufacturing.

Let us provide you with a manufactured system for your application. We use only quality products such as Roto-Jet Pumps, Ingersoll Dresser Pumps, Svedala Pumps, ABS Pumps, Eurotherm Drives, Breuer Motors and Drives, GE Motors, Marathon Motors, Invensys controls, Allen Bradley controls, Cutler-Hammer and Benshaw controls as well as other customer specified equipment.



## Control Panels and Systems

Davis Electric can provide you with control panels for applications ranging from simple NEMA starter boxes to complex automated control systems. We utilize top quality VFDs, soft starts, contactors, programmable controllers and sensing equipment. This includes in-house design and programming by our own engineer specific to your application.



## Field Service/Roof and Rib Spraying

We provide 24 hour in shop and field service with qualified and experienced technicians to troubleshoot and repair your problems. We also provide technical assistants and labor for applying Minova products, such as spraying Tekflex PM for roof and rib control and fire protection.



## SKF Bearings

DE is an SKF factory trained PREP Repair Facility. We are trained in handling, installation, lubrication and applications of precision ball and roller bearings. As an EASA facility we use only OEM or superior quality repair parts in motor, pump and gearbox repairs.



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