



# Remanufactured Dynampower Rectifiers

Dynapower's remanufactured rectifier program offers an opportunity to

## **EXTEND THE LIFE OF YOUR RECTIFIERS**

at a fraction of the cost of new equipment. Units carry

## **FACTORY-BACKED WARRANTIES**

that equal or exceed most of our competitors' new unit warranties. The result is a unit whose performance can be relied upon at

## **PRICES THAT MEET YOUR BUDGET.**

Remanufactured rectifiers should not be confused with used or refurbished equipment offered by our competitors. Units remanufactured at our facility in South Burlington, Vermont leave the factory with more than a coat of fresh paint and polished bus bars. Our remanufactured rectifiers go through a variety of steps to restore them to "like-new" condition. This results in improved performance, productivity and reliability of the rectifiers as a key element in your process.

### Initial Evaluation

Rectifiers are mechanically and electrically evaluated to assess their condition and prepare a plan to remanufacture the equipment. This evaluation includes semiconductor assemblies, the main transformer, circuit boards, interlocks and protective systems.

### Enclosure

After the initial evaluation, the unit is disassembled and all surfaces are primed and repainted. Contact Dynapower Corporation for cleaning instructions prior to returning the unit.

### Electronics

Circuit boards are evaluated and repaired or replaced as needed. Obsolete circuit boards are replaced with the most current versions.

### Transformer

The transformer is tested upon receipt at Dynapower Corporation to ensure electrical operation. If the transformer does not pass this initial test a Sales Engineer will contact the customer to discuss available options.

### Cooling System

In air-cooled units, fans & filters are examined, tested, and replaced when necessary to ensure reliable, effective cooling of the rectifier. In liquid-cooled units, manifolds, nylon tubing and associated fittings are replaced & coolant passages are checked.

### Diode and Thyristor Assemblies

Thyristors and diodes are evaluated and replaced when necessary. Heat sink assemblies are completely cleaned, replated, and reassembled.

### Controls

Dynapower Corporation is also offering to refit units being remanufactured with our new NEMA 4X Touch Pad at a reduced price. Contact a Sales Engineer at Dynapower Corporation for details.

### Final Testing

After reassembly, the remanufactured unit is completely tested at full load to ensure long term reliable operation.

### Quantity Discounts

Contact a Sales Engineer to establish a complete remanufacturing program for multiple units at a discounted price.

### Loaner Units

Dynapower's wide variety of power supplies can be loaned to customers while their units are remanufactured. A wide selection of these stock power supplies is currently available and can be shipped to your facility within days.