CRANE INDUSTRY
PartsBulletin
PARTS HOTLINE 800-PARTS-PH

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MORRIS MATERIAL HANDLING

Rebuild & Perform Like New at a Fraction of Cost

When it comes to budget cuts and belt tightening, it's tempting to sacrifice performance for price. At **P&H** we're aware of that temptation. And that's exactly why we offer the industry's finest crane motor rebuilds and rewinds.

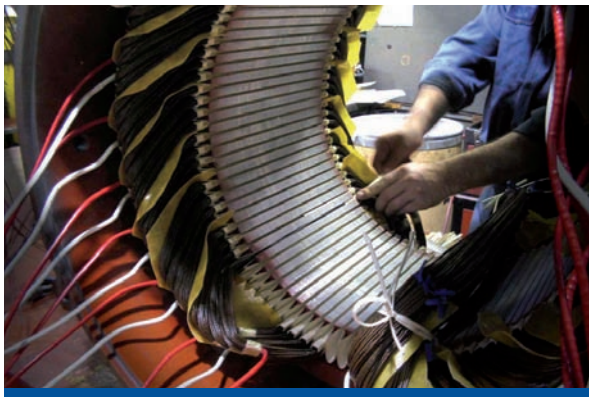
You no longer have to choose between price and performance - with P&H **you can have both.**

Our motor rebuilds **perform just like new** electrical crane motors at a fraction of the cost. And we do that while **maintaining OEM integrity** to ensure OE specifications and OE performance by using higher quality materials and quality craftsmanship.

In addition to being the recognized leader in motor rebuilds, P&H is also the industry leader in motor rewinds. Here are just a few of the benefits of rewinding with P&H:

- **Proprietary Wire** - Heavy gauge fiberglass over enamel wire for improved varnish retention to withstand mechanical forces and provide higher heat resistance.
- **High Efficiency Design** - OE diamond shaped coils offer more efficient end turns than standard round-end turns.
- **Maximum Durability** - Class H insulation increases temperature tolerances.
- **Core Loss Testing** - Eliminates core losses that lead to inefficiencies and higher temperatures.
- **Craftsmanship** - Rotor connectors are copper banded, TIG welded, taped and covered for optimal heat and vibration resistance. All done by the same people who build new P&H motors.
- **Quality Processes** - Rotors and stators are dipped multiple times with our proprietary vacuum impregnation process and without solvent according to our OE specs.

We're also the only source for rewinding and rebuilding P&H crane motors to their original equipment specifications. All others guess or "estimate" at the OE specs.



Motor Rewinds from

The Customer's View

"We use our cranes in continuous cycles of operation in an environment that exposes them to high heat along with an airborne particulate matter. As a result, the motors become stressed and need to be replaced often.

"With the economy being down, we were looking to cut costs and made the decision to accept a lower price from a local rewind shop when we needed to replace the worn motors. Let's just say that you get what you pay for!

"After struggling due to the poor performance and reduced life span of the local shop's rewound motors, we have returned to P&H. The P&H rewound motors have lasted 5 times longer than the motors we got from the local rewind shop. The story doesn't end there: after analyzing our crane productivity, P&H recommended and designed motors more suited to our environmental conditions to improve the duty cycle well beyond the original motors. That reduced our downtime and increased our crane productivity to levels beyond what they ever have been."

- Maintenance Supervisor, Waste-to-Energy Customer

Any part.

Axles | Bearing | Blocks | Drums
End Trucks | Gears | Gear Boxes
Housings | Motors | Pinions
Controls | Retainers | Shafts
Sheaves | Wheels | Wire Rope

Any crane.

Overhead | Crawler | Floater
Gantry | Hot Metal | Jibs | Mill
Mobile | Portal | Refuse | Stacker
Single Girder | Tower

Any time.

24 | 7 | 365

TECH Tips for Improved Crane Motor Performance

Improper storage of spare motors can lead to corrosion and may affect performance.

To ensure top performance, spare motors should be positioned off the floor in a heated and/or cooled area to eliminate condensation that may result from changes in temperature and humidity.

This will help protect the spares from corrosion and other issues related to the buildup of moisture.

COMING NEXT ISSUE

Patented 60-Plus Wheels® from P&H are field proven, with literally thousands operating successfully on all brands of cranes. In fact, P&H routinely supplies high quality wheels for non-P&H cranes and otherapplications. Our extensive forging stock and cellular manufacturing process allows us to offer a highly durable wheel at affordable prices.

Did You Know?

When we say "any part for any crane at anytime" we mean it – P&H / Morris Material Handling supplies parts for more than 100 major brands of cranes.

...and the list just keeps on growing.

800-PARTS-PH
ANY PART. ANY CRANE. ANYTIME.