

Did You Know?



P&H Parts can custom-make virtually any part for any crane, regardless of age or brand. Even if the maker of your crane is no longer in business, you can still get parts made to the original factory specs.



Managing The Budget

It's that time again...

The calendar year is just about to end, and that means for many companies the door will soon close on 2009 budgets. This is a great time to take advantage of unallocated budget funds to help keep your cranes running at peak performance:

Use holiday shutdowns to schedule your annual crane service and maintenance with P&H.

You'll get the benefit of having service performed without shutting down and using 2009 budget dollars to do it.

Order crane parts now. Using 2009 dollars to order parts will help ensure that your 2010 inventories will be adequate to keep you running efficiently. Contact 800-PARTS-PH for any part for any brand of crane.

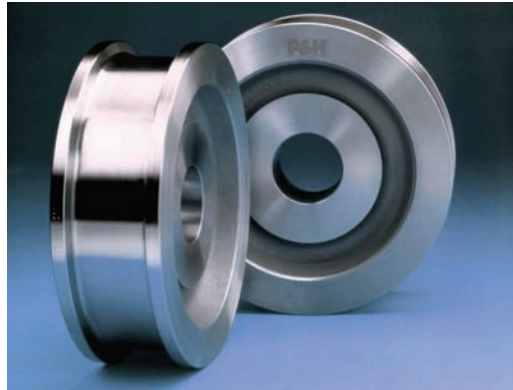
Use our expedited service to get parts before the year ends. P&H offers two levels of expedited service - MVP and VIP. In most cases, we can get custom crane parts to you by the end of the year if you ask for our expedited service when contacting P&H to order your parts.

P&H Didn't Invent the Wheel – We Simply Made it Better

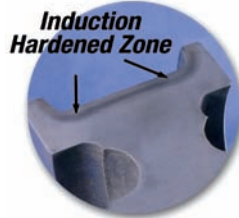
Walk into just about any industrial plant or warehouse in North America and – if there are overhead cranes present – it's likely you'll see P&H® wheels on the job.

And it's a good bet that those wheels are the patented 60-Plus Wheels®, which have become the recognized standard for all brands of cranes - both P&H and other crane manufacturers.

Morris Material Handling, the maker of P&H cranes and hoists, has been manufacturing 60-Plus Wheels® for well over 20 years, with thousands in use across the U.S., Canada, Mexico and South America.



- Machined from high carbon, forged steel, the tread and interior flange surface of the durable 60-Plus replacement wheel is hardened in excess of 60 Rockwell C – the highest in the industry.

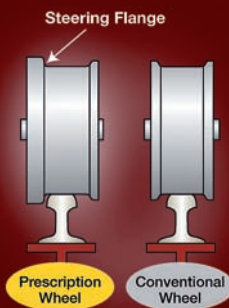


- The higher hardness and load capacity of the 60-Plus Wheel leads to 2 to 3 times longer life than standard, rim-toughened wheels.
- This 60-Plus process will retain consistent driver wheel diameter over a longer period of time, result in a straighter running crane, which extends the life of the rail, the wheel assembly components and the crane as a whole.

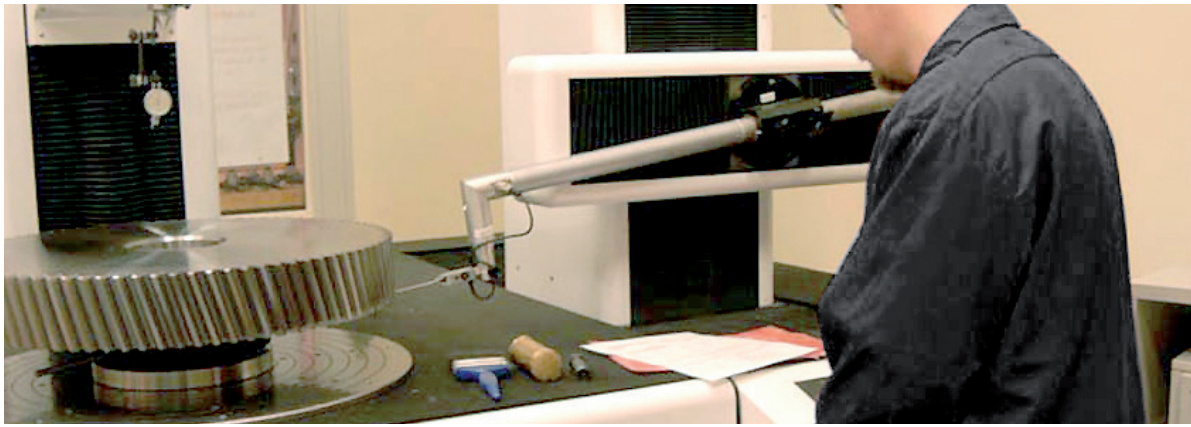
P&H Prescription Wheels: Just What the Doctor Ordered

Engineered for severe service requirements, P&H Prescription Wheels are more than just replacement wheels. P&H Prescription Wheels are custom designed and built to resolve problems related to crane skew: premature flange wear, rail wear, broken rail clips, broken axles, failed bearings, damaged bearing caps, broken column tie backs or other related building damage.

Extensive forging stock and a cellular manufacturing process allow us to offer a highly durable wheel at affordable prices.



- The design of P&H Prescription Wheel incorporates a steering flange to reduce the torque forces related to crane skew and eliminates bridge binding.
- A no-charge inspection is provided by a P&H engineer to evaluate the crane system, consult with the plant engineer and maintenance personnel. A follow-up visit is also typically provided after installation.
- The P&H replacement wheel is then designed and manufactured based on the specific requirements of the on-site inspection.



TECH Tips

for Best Crane Performance

Here is a quick look at the guidelines to maintain hook integrity and ensure safe performance:

Monthly inspection and visual daily.

Records must be kept.

No cracks are allowed.

No twisting is allowed.

Throat opening cannot be stretched more than 5% beyond the original specification.

Safety Latch must be in working condition.

Hook must be secure in bottom block.

Maximum saddle wear is 10%.

Do not use slings that do not fit the hook.

Can't find obsolete crane parts? Need higher quality crane parts? Reverse Engineering Just Might Be the Answer

Parts for older model cranes can often be hard - if not impossible to find. And, the quality of many replacement parts - even for newer cranes - often is a concern.

P&H has the answer to those critical parts issues with the introduction of Reverse Engineering Process (REP). Through REP, virtually any obsolete or hard-to-find replacement part can be manufactured to meet or exceed the original specifications, at the high quality level the industry has come to expect from P&H.

There are several reasons customers choose to use REP for their replacement parts:

- The original drawings have been lost or destroyed.
- Prices and/or lead times from the OEM are unacceptable.
- The OEM is no longer in business.

Reverse Engineering Process begins with 1 of 3 options:

Existing Part Analysis

A sample part is available to be evaluated and reverse engineered by the skilled P&H REP team.

On-Site Dimensions

A P&H rep or someone from your company measures the part on site and then produces a rough drawing of the required part.

Original Drawings

Existing OEM drawings are supplied to P&H.



Want more information on the P&H Reverse Engineering Process?

Send an email to ktebon@morriscranes.com

The Customer's View



ESCO is a global provider of highly engineered consumable products for industrial applications in the resources, infrastructure, power generation and transportation markets. The company was experiencing heavy flange wear crabbing and rail wear related to a 15-ton crane in which the drive wheels are powered by a common line shaft. Following inspection by a P&H specialist, P&H Prescription Wheels® were installed to minimize the damaging effects of flange climbing.

"Following installation of the P&H Prescription Wheels, all problems were eliminated and bridge travel was almost effortless. After years of service, wear is minimal in comparison. P&H Prescription Wheels are a sound financial solution vs. extensive rail work when multiple cranes are on the same runway. It's nice to know that P&H folks understand real world rail problems and have feasible counter measures to resolve these issues. The wheels are virtually maintenance free and have exceeded our expectations, providing us with sustainable reliability. In today's global economy, it's critical to maintain equipment to OEM specifications or better."

— Pete Betich
Maintenance Supervisor, ESCO Corporation



Morris Material Handling is a world-class supplier of overhead cranes and maintenance services, and the original equipment manufacturer of P&H® Cranes, Hoists & Replacement Parts.

We have the experience, expertise and an inventory of quality components to deliver and install

- any part
- for any crane
- at any time.



CRANES / HOISTS / SERVICE / PARTS

125 YEARS
1884-2009

800-PARTS-PH
800-727-8774