

WE DIDN'T INVENT THE WHEEL. WE SIMPLY MADE IT BETTER.

PERFORMANCE WHEELS[®]

60-PLUS EXTENDS WHEEL AND RAIL LIFE

Crane Pro Parts' proprietary in-house induction hardening process – 60-Plus – creates crane wheels with the deepest case depth in the industry. This case hardening improves the wear resistance and fatigue strength of our Performance Wheels.

60-Plus hardens the wheel tread and interior flange surface. This extends wheel and rail life as it reduces friction between the wheel and rail. We precisely engineer and manufacture Performance Wheels to retain their ductility so they won't break when subjected to lateral forces such as a misaligned rail.

MADE ENTIRELY IN THE U.S. TO ASSURE QUALITY

We manufacture and heat treat our Performance Wheels entirely in the U.S., at the Konecranes' machining facility in Watertown, WI, which is equipped to machine almost any size crane wheel. This gives us complete control of wheel quality, from engineering and design through heat treating and final inspection.

Due to the hardness provided by the 60-Plus process, Performance Wheels maintain their diameter for a longer period of time. This helps your crane run square down the runway, free of skew.

WHEEL ASSEMBLIES REDUCE DOWNTIME

Crane Pro Parts offers wheel assemblies to minimize loss of production time. Manufactured at our Watertown machining facility, these assemblies include the wheel, axle, bearings and retainers. These pre-assembled units arrive drop-in ready to significantly accelerate installation time at your site so your crane can get back into production faster.

To further speed up our manufacturing process, Crane Pro Parts' Watertown, WI machining center has forgings in stock for all crane wheel sizes.

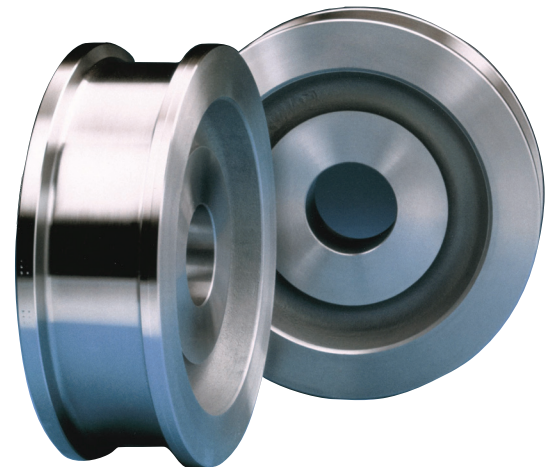
Most effective wheel solution for crane skew

PRESCRIPTION WHEELS FOR SEVERE SERVICE APPLICATIONS

Screeching crane wheels, excessive rail wear, worn wheel flanges, crane vibration, broken rail clips, and bearing and axle failures. All of these can be symptoms of crane skew.

What is the prescription for treating and eliminating crane skew?

In many cases, Prescription Wheels[®], made in the U.S. by Crane Pro Parts, Konecranes' crane parts supply organization.



PRESCRIPTION WHEEL ASSEMBLIES MINIMIZE ALUMINUM PLANT'S DOWNTIME

Pot room cranes in aluminum smelting plants typically encounter above average wear and tear. That's because they travel relatively long distances at high speeds – 400 to 450 feet per minute.

An aluminum plant in Missouri faced increasing costs of replacement parts and downtime due to premature wear of bridge wheel flanges, eroding rails and other damage related to crane skew.

To rein in these rising costs, the company chose to retrofit 12 cranes with Crane Pro Parts' Prescription Wheels. These wheels are designed and manufactured to withstand the stresses of tough applications.

To minimize installation time – because of the cranes' critical production role – the company purchased Prescription Wheel assemblies and partial assemblies.

One of the plant's managers reports, "In the years that the Prescription Wheels have been on, we've seen no noticeable wear on either the wheels, or rail, other than what would normally be expected. Prescription Wheels are a great product. They solved most, if not all, of our wheel and rail problems."

Due to this success, the plant is considering retrofitting another group of cranes as their wheels wear and require replacement.

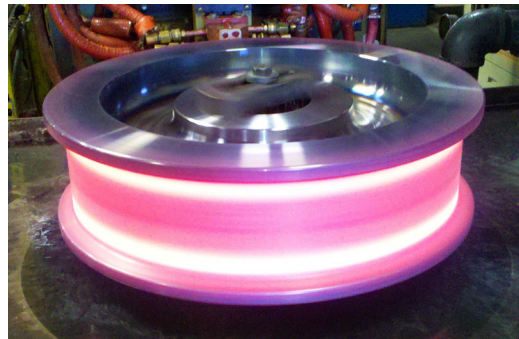
WHAT ARE PRESCRIPTION WHEELS?

Available for overhead cranes of any make or age, Prescription Wheels are much more than replacement wheels. They're:

- The most effective crane wheel solution on the market for fixing overhead crane skew
- Made to withstand the stresses of severe service applications, to keep you running
- Part of Crane Pro Parts' robust line of Performance Parts, which are engineered to perform beyond the limits of original parts in critical process applications.


THE ADVANTAGES OF PRESCRIPTION WHEELS

- Seven patents for Crane Pro Parts' proprietary design, manufacturing and heat treating processes, which extend wheel and rail life while correcting skew.
- High carbon forged steel construction allowing for more strength, durability and flexibility.
- Proprietary steering flange design engineered to enable cranes to self-correct in skewing conditions. This reduces flange forces and prevents rail damage and structural fatigue.
- Induction-hardened tread and interior flange surfaces, using Crane Pro Parts' proprietary 60-Plus induction hardening process. They're heat treated and hardened in excess of 60 Rockwell C, the highest in the industry, for longer wheel life. (For more on 60-Plus, see reverse side.)



Crane Pro Parts is the crane parts supply organization of Konecranes in the U.S. Visit our online store for standard part pricing, availability and placing orders.

Konecranes is a world-leading group of Lifting Businesses™, serving a broad range of customers, including manufacturing and process industries, shipyards, ports and terminals. Konecranes provides productivity enhancing lifting solutions as well as services for lifting equipment of all makes. The Group has 18,000 employees at 600 locations in 50 countries. Konecranes class A shares are listed on the Nasdaq Helsinki (symbol: KCR).

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