

A Leading Steel Company INNOVATIVE WHEEL DESIGN INCREASES LONGEVITY

CHALLENGE

Wheel flanges wearing thin

One of the world's leading steel companies has a plate heat treating plant in the Midwest. The plant heat treats steel plates that range from a quarter inch to several inches thick. The heat treating process makes the steel plates more durable. The steel plant uses cranes during the manufacturing process and to transport the final product.

The wheels on a semi-gantry crane needed to be replaced because the flanges were wearing thin. While the purchasing department wanted to purchase wheels based on price, the area manager wanted wheels that would last a long time.



SOLUTION

Konecranes and Crane Pro Parts, the sole Provider of 60 Plus™ wheels

With over 40 years of experience in the steel industry, the area manager understands the value of having great wheels. During his time in the business, he has tried several other wheels and was not satisfied with how frequently they needed to be replaced. He wanted to get 60 Plus™ induction hardened wheels because they are the industry standard for longevity.

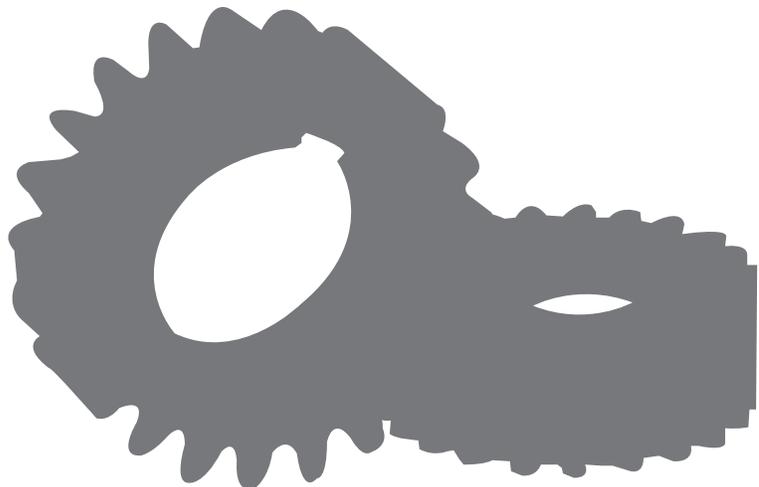
Konecranes 60 Plus™ wheels have a hardened exterior flange profile and a softer flange core which increases its toughness. The uniform hard profile on the flange exterior surface causes less friction upon contact between the wheel flange and the side-of-rail head, decreasing flange and rail wear rates and increasing the life of the wheel.

The area manager called Konecranes for a budgetary quote for the set of wheels. The company policy is to receive three quotes, so two other crane companies were consulted as well. Instead of leaving the choice up to chance, the area manager explained to the purchasing department that it is necessary to select the wheels with the best quality. He firmly believed that the 60 Plus™ wheels had the best value overall. In the end, he justified the purchase of the 60 Plus™ wheels.

RESULTS

Peace of mind with a good buying decision—Konecranes 60 Plus™ Wheels

Five of the 60 Plus™ hardened wheels have been purchased and were delivered to the plant in July. The area manager knows that this was a good economic choice for the company.





INDUSTRIAL CRANES: Konecranes is the industry benchmark for safety, reliability, cost saving and productivity-enhancing innovation. Standard and heavy duty cranes include electric overhead cranes up to 1,000+ tons and explosion-proof cranes and components. Workstation lifting systems feature enhanced material flow with ceiling-mounted monorails and free standing cranes systems, jib cranes and manual lifting products and electric chain hoist up to 7500 kg. Konecranes provides any lifting application in any industry.



NUCLEAR CRANES: With nearly a half century of nuclear crane experience Konecranes is the most seasoned supplier in the industry. Our wide range of products are designed specifically for operation in nuclear applications and our quality control program ensures that each nuclear crane and component is designed, manufactured and installed to the demanding standards of the nuclear industry.



PORT AND PORTAL CRANES & SERVICE: Konecranes designs, manufactures, and delivers large cranes for ports, container terminals, intermodal terminals, shipyards and bulk material handling. We also provide expert maintenance and after-sale support as well as complete crane service worldwide for all types and makes of harbor and shipyard cranes.



HEAVY-DUTY LIFT TRUCKS: Konecranes is a world-leading manufacturer of lift trucks with lifting capacities of 10 to 80 tons. For over 50 years Konecranes has designed and customized trucks for the most demanding applications and continues to offer a wide range of trucks for customers in many different industries. Products include fork lifts, reach stackers, container handlers, and Roll-on Roll-off (RoRo) Trucks.



CRANE SERVICE: Konecranes provides an extensive range of services and unique capabilities dedicated to improving safety and helping your business decrease the cost of downtime and increase the productivity of uptime. We can service any brand of crane and hoist. As a leading global manufacturer with a 120-year history and the leading maintenance provider in the Americas and around the globe, Konecranes technicians understand what it takes to keep your equipment working at top performance.



MACHINE TOOL SERVICE: As a global leader in machine tool maintenance service, Konecranes offers world-class service on all makes and models of machine tool equipment. From maintenance programs to rebuild, remanufacture and retrofit, we have the knowledge and expertise required to keep your equipment running effectively and efficiently.



PARTS: Konecranes is the OEM for many of the best known brands of hoists and cranes as well as the largest single source supplier for parts of all makes. We have the most extensive inventory in the industry, as well as dedicated in-house parts manufacturing and extensive reverse engineering services to assist you with obsolete and/or not readily available parts. Our expert technicians are always available to help with field installation and support.



TRAINING: One of the easiest and most cost effective ways to improve safety and productivity while reducing maintenance costs is crane operator training. We can provide on-site training that is tailored to your needs, budget and schedule. In addition you will improve employee morale, generate good will and may reduce liability. We also offer courses at our Training Institutes in Milwaukee and Los Angeles as well as regional seminars in 40 cities per year.