

A Steel Manufacturing Plant

CRANE PRO PARTS PROVIDES EXCEPTIONAL CUSTOMER SUPPORT AFTER THE SALE

CHALLENGE

Bottom block incompatible with attachments, threatening safety

A steel manufacturing plant, located in the southern United States, produces 1.4 million tons of hot-rolled steel coils per year. The company's manufacturing facility features a twin-shell DC electric arc furnace, a ladle metallurgy facility, a thin-slab continuous caster and a six-stand hot finishing mill. The company utilizes overhead cranes in their manufacturing process.

The steel manufacturing plant purchased a rotating bottom block for their overhead crane located in the Roll Shop, in order to enhance safety and increase productivity. After the block was installed, they realized that the hook was not compatible with the lifter bails used to handle back up rolls to support the rolling mill. Maintaining a safe working environment is the first priority at the steel manufacturing plant, so this was a major concern.



SOLUTION

Block rebuilt, with temporary replacement to maintain production

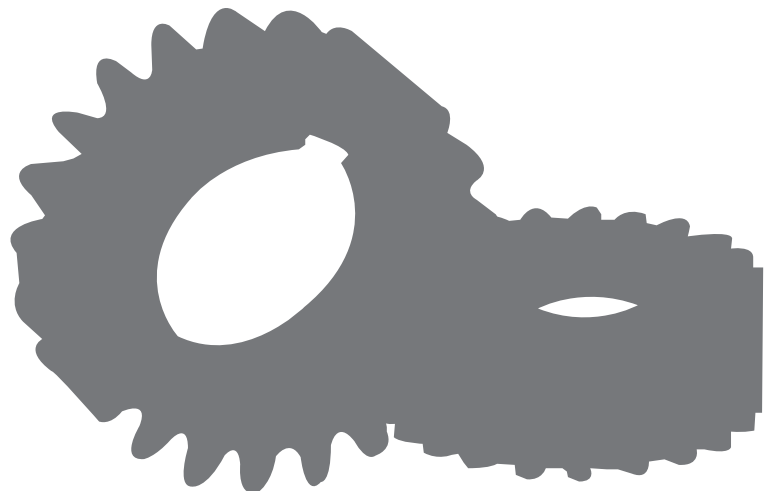
Crane Pro Parts was on site when the customer noticed the problem and responded immediately with a solution. The block was removed from service and temporarily replaced with the original unit. The new block was sent to a local Konecranes preferred machine shop and was customized to fit the customer's roll lifters.

The block was reassembled and returned to the customer within a few weeks, then reinstalled with support from the Konecranes Service group.

RESULTS

Rebuilt bottom block returned to service with enhanced safety and productivity

The steel manufacturing plant was able to enhance the safety and productivity of the roll handling crane because of the rotating bottom block that Konecranes provided. The customer is happy that Konecranes was able to provide a solution to the situation and offer support for the products sold. Crane Pro Parts has provided parts proposals for OEM cranes on hand in the plant for future spares requirements.





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.