

BELOW-THE-HOOK SUCCESS STORY

...EMERGENCY SCRAP TONG REPAIR



SITUATION:

The operations at a major US aluminum mill were severely affected by the failure of a mechanical tong used for charging furnaces with scrap.

The OEM design had a two-piece, welded block for retaining the tong points. This construction is inexpensive to manufacture, but due to the application, also susceptible to weld cracking along the split line.

The unit was shipped to Bradley Lifting for an emergency repair.

ACTION:

After a thorough inspection, cracking at the remaining tong point blocks was discovered...all four legs would need to be repaired. A one-piece block and replaceable tong point were quickly designed and fabricated.

Alloy steel for both blocks and points was used for better performance in the harsh operating environment.

Precise measurements before and after the modifications ensured the lift functioned to original design specifications.

RESULT:

The tong was returned to service in less than one week, saving the customer thousands of dollars in lost production.



BRADLEY
LIFTING
AN **Xtek** COMPANY



Bradley Lifting Corporation

1030 Elm Street

York, PA 17403 USA

ph +1-717-848-3121

fax +1-717-843-7102

www.bradleylifting.com