



CASE STUDY

"All in all, the results were impressive, hence the additional and ongoing orders"
Maintenance Superintendent

OUTCOME:

1.9x

increase in service life

Contact us to learn more about **Hansteel Industries Australia** and **ENDURASTUD®**:



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Location:

Southern Murchison, Western Australia

Commodity:

Copper / Gold

Plant Throughput:

650,000 tonnes per annum

Equipment:

1 x Metso C100 Single Toggle Jaw Crusher

CHALLENGE:

Since commencing operations in 2016, the site had used various vendors for the supply of key crusher wear components with varying success. However, when the customer wanted to extend the time between liner replacements from 2 weeks to 4 weeks, they needed a vendor who was willing to work toward co-developing a solution that would double the service life.

SOLUTION:

Through analyzing the worn jaw liners and equipment configuration in conjunction with the customer, HSI offered a tailored set of jaw liners utilizing the **ENDURASTUD®** technology to maximize the equipment service life.

The HSI solution focused on design, manufacture and supply of new jaw liners that included:

- **ENDURASTUD®** technology
- HSI proprietary Mn alloy
- Optimized liner thickness
- Optimized jaw tooth profile
- Optimized crushing chamber length
- Machine set-up adjustment (OSS/CSS)

BENEFITS:

Improve Service Life



ENDURASTUD® jaw liners achieved a step-change improvement in service life.

Low Risk Profile



ENDURASTUD® technology builds on proven crusher wear parts providing improved performance at significantly lower risk.

Technical Support



All ENDURASTUD® products are backed by HSI's extensive industry experience and technical support.

"I have no issues whatsoever in recommending this product"

- Maintenance Superintendent

JAW CRUSHER

~2x the Service Life

1/2 the Downtime

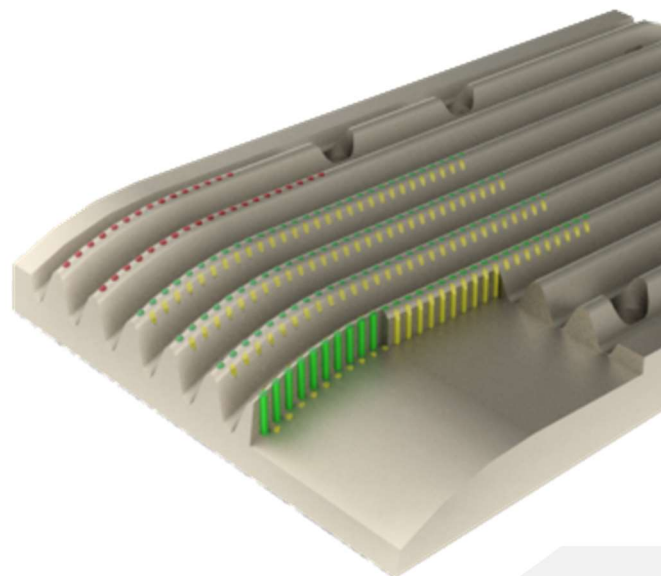
1/2 the Required Labour

EXISTING

ES ENDURASTUD

25,000 tonnes

48,000 tonnes



hsi

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