

STINGRAY™

Increase productivity. Reduce maintenance.

CR Powered by Epiroc's Stingray cast lip systems are built for hydraulic excavators 400t and up, fitted on some of the largest excavators in the harshest conditions across the globe.

- Increase productivity by up to 10% with a lip designed to be 8% lighter than competitors
- Increase lip strength by 6% with a single cast
- Reduce dig energy by 13% and decrease penetration forces by 10% with improved penetration performance through plane alignment for efficient digging
- Less dig energy means less fuel burnt, reducing CO₂e emissions
- Designed in collaboration with world-leading excavator OEMs

High performance in extreme conditions

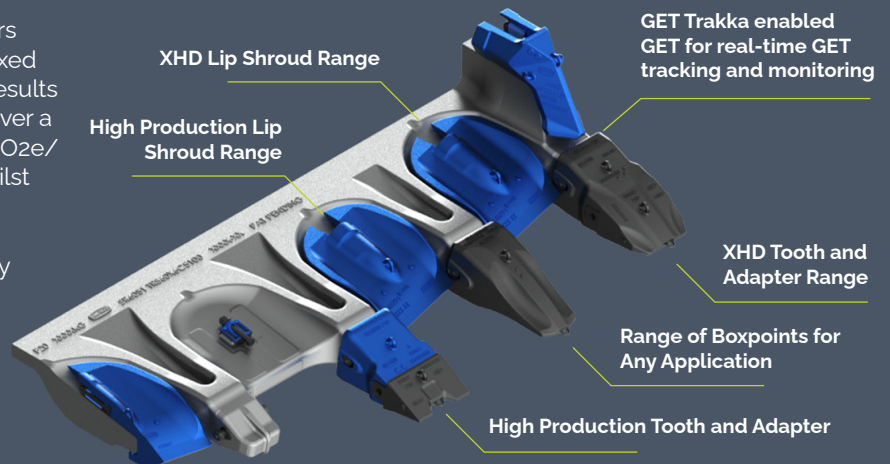


Mine Smarter. Reduce Emissions.

Designed to deliver the ultimate performance, Stingray cast lips are an ROI-driven way for miners to reduce carbon emissions. Since diesel has a fixed energy density per liter burnt, burning less fuel results in fewer emissions. Stingray is engineered to deliver a 13% reduction in dig energy, saving up to 38 kg CO₂e/hr, adding up to 217t CO₂e saved annually, all whilst increasing payload and efficiency.

A tried and tested system over the years, Stingray cast lips have been fitted on some of the largest excavators digging the harshest conditions, including Iron Ore, Oil Sands and Lithium worldwide, with a strong presence in South Africa, South America and Australia.

**Actual performance will vary based on mining conditions and commodities.*



SLIMLINE PROFILE

Improves Cycle Time
Less Dig Energy

The Stingray lip geometry is designed to allow material to better flow into the bucket with less resistance. This means the bucket can go through the dirt faster.

MATERIAL DISTRIBUTION

Improves Bucket Capacity
Decreases Truck Fill Time

Lip material is distributed where it has to be, which allows us to design a lighter lip. Less weight may enable buckets to be better sized to deliver better pass matches.

SINGLE CAST WITH INTEGRAL NOSES

Reduces Maintenance
Improves Utilisation

Our cast lips are stronger and more reliable, as machines require less maintenance, they are available to dig longer.

All performance claims are validated using the Titan 3330™ Load Haul Optimization System. We are the only OEM of GET that can track and test against real-world applications. This includes real trajectories, digging forces, and actual payloads.

Various infield studies show improvement in both dig energy and payload by simply changing the cast lips to a Stingray lip. For case studies on the Stingray cast lip system, contact your Account Manager today.

CR Powered by Epiroc is on a mission to revolutionize mining productivity.

We engineer the most advanced surface and underground mining solutions for the world's best miners to unlock productivity, enhance safety, and reduce emissions.

Start the conversation



(+61) 1800 987 525



Globalsales@crmining.com



(+1) 866 276 4637



crmining.com