

**FULLER<sup>®</sup>**  
**CONE**  
**CRUSHER**  
**C550**

Efficient and reliable crushing

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# FULLER® CONE CRUSHER C550

## TRUSTED PERFORMANCE

### Adjustment cap assembly

- Application-specific bowls
- XLHStm lock posts
- Steel-lined feed hoppers
- Drive ring mounted to adjustment cap

### Adjustment ring assembly

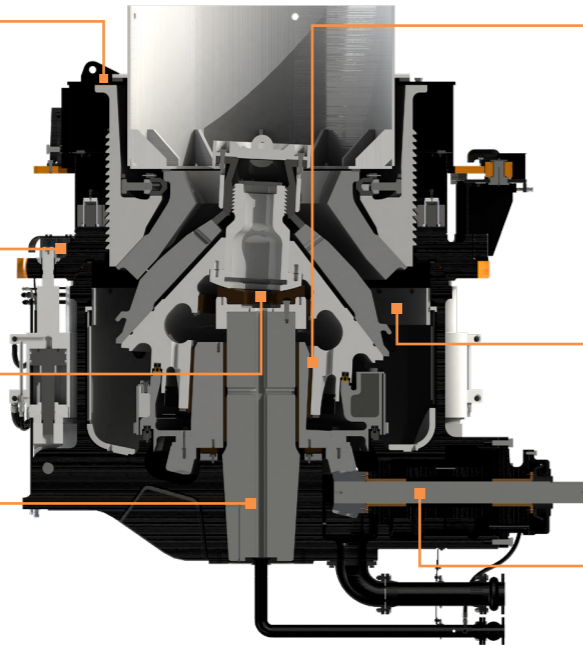
- A148 rebuildable steel
- Dual-drive hydraulic adjustment

### Socket assembly

- CMM-inspected and interference-fit into the frame

### Mainshaft assembly

- High-grade, certified mainshaft forging
- Machined to exacting tolerances and finishes



### Eccentric assembly

- All gears checked against a master
- Eccentric gear is through or induction hardened
- High-grade, certified gear forging
- Independently replaceable counterweight and gear

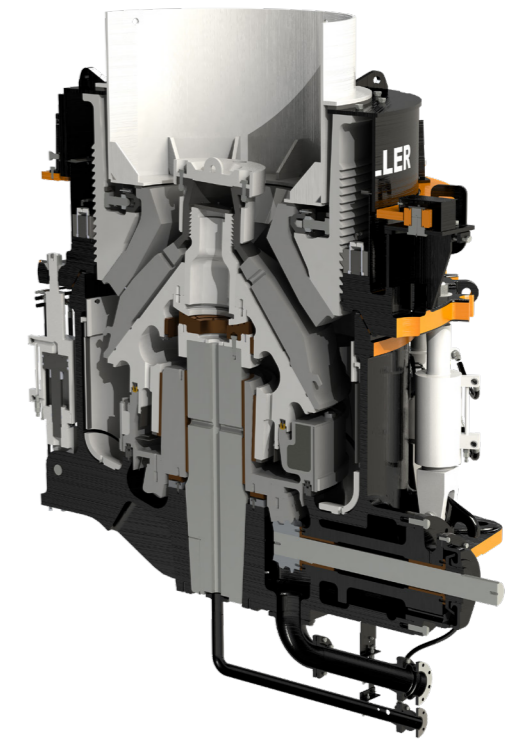
### Mainframe assembly

- 1-Piece cast frame
- Enhanced upper flangers and gussets
- Bolted and doweled socket configurations

### Countershaft assembly

- Steel component, not cast iron
- Premium bronze bushings
- High-grade, certified countershaft and pinion forgings

**RELIABLE,  
CONSISTENT,  
PROVEN AND  
PRODUCTIVE  
PERFORMANCE**



### Designed to decrease downtime

The evolution of cone crushers from the first models introduced almost 100 years ago have led to advanced hydraulic systems that raise, lower and adjust today's high-performance machines safely and with minimal operator interface. Clearing the cone crusher requires the simple push of a button – ultimately increasing safety, reducing downtime and improving production. Maintenance is virtually a breeze, with a proven concept where a motor drives the bowl. A liner change can safely be completed in a matter of hours.

### Design features

- 500 HP motor
- Compatible with modern control systems and automation
- Eccentric design promotes high speed and large throw
- Hydraulic cylinders for safe clearing; greater clearing stroke
- Versatile applications for medium to hard ore
- Liners available for all applications
- Service expertise

### Professional support and service

The FULLER Cone Crusher C550 is a proven, cost-efficient and modernised solution that is backed by a global OEM. To ensure your cone crusher is operating at maximum efficiency and that maintenance is carried out optimally, you have access to professional engineering and maintenance services, conducted by highly trained experts, field engineers and technicians. These experts can optimise your maintenance and shutdown management programs, help plan your preventive maintenance programs, manage scheduled repairs and implement these programs for you.

**High-speed, consistent crushing performance, reduced maintenance time, increased availability and throughput, and digital-ready. The C550 is the perfect drop-in replacement for 4.25-foot-diameter cone crusher footprints.**

Established mines and quarries operating older equipment often face the dilemma of whether to upgrade an existing machine or replace it with new and more efficient technology. Limited budgets for CAPEX can further complicate the decision. The FULLER Cone Crusher C550 provides the ideal, cost-effective solution for cone crusher modernisation, delivering greater capacity than older 4.25-foot cone crushers, along with advanced hydraulic tramp release and a motor-driven CSS adjustment.

### Reliable replacement crusher

Our C550 is the result of a joint venture combining expertise in comminution technology and large-scale cost-competitive manufacturing expertise. With a proven design engineered using FEA, high speed and a larger eccentric throw, you experience higher crushing capacity and better reduction. The C550s reliability and long service life, even in heavy mining applications, are a result of the robust design and construction, derived from an established install base worldwide.

## Key benefits

- **Improved safety** - hands-free clearing and greater clearing stroke
- **Less downtime and increased production** - instantaneous clear and pass
- **Reduced maintenance cost** - innovative liner design