

We are in the field listening ...and have solved OEM problems



Clearing Cylinders

- Repeated OEM failed clearing cylinders led to Optimum Crush Patented design US 10,940,482.
- Now easier to install, repair, and maintain
- Increased the life of the component.



Clamping Cylinder

- Customers experienced bowl shaking, high vibration, reduced capacity of the crusher with OEM part.
- We designed cylinders & hardware that have more stroke and allow the Clamp Ring to lift higher and fully lock the Bowl into position during operation.



Tramp Cylinder

- Failure from internal oil by-passing.
- Client requested an improved design.
- New design is more robust with increased efficiency / uptime of the machine.



Counterweight Guard

- Customers experienced expedited wear on the OEM leading edge step design.
- We designed a single-level Counterweight guard that raises the lower half of the guard to the same height as the upper half.
- Multiple wear metals are available to provide optimal wear.



Head Stub Ball Failure

- Usage wear allowed movement, oil loss, bolts breaking & head ball falling out of the head.
- We combined both the Head Stub and Head Ball into one part. This eliminates the possibility of oil loss from the bolt-on Head Plate.



Locking Nut Wear Sleeve

- Customers experienced heavy wear on the outer surface of the Locking Nut which led to frequent replacements.
- We designed a wear sleeve made from that can be welded to the Locking Nut. This provides a replaceable part that is less expensive & designed to resist wear.



Hopper Wear Ring

- Field studies found that the I.D. of the hopper wears out with use and leads to more time needed to change out the wear liner.
- Designed a removeable (and flippable) Hopper Ring that does not require welding or bolt in installation.



Audits – Field Service Team

- Confirmation of your operating parameters with corrections if necessary.
- Record of parameters to assist with current or future issues.



Client Files – OC Team

- Electronic copies of your parts books are maintained, updated and added to as needed.



Welding / Repair Procedures

- Certified Welding Engineer.
- Weld Procedures.
- On site management to work with client's staff for weld repairs.
- Alliance Partners & repair facilities to ensure quality repair.

16211 W Lincoln Ave.
New Berlin, WI 53151 USA

(414) 909 - 8800
info@optimumcrush.com

www.OptimumCrush.com