

## HOPPER WEAR RING

**Part Name:** Hopper Wear Ring

**Equipment:**

XL900 – Optimum Crush Part Number 500656

XL1100, XL1300 – Optimum Crush Part Number 500589

XL2000 – Optimum Crush Part Number 500620

**Interchangeability with OEM Part:** The Optimum Crush® Hopper Wear Ring installs into the OEM Hopper

**Purpose:** Increase Hopper Life and Decrease the Material Getting Under the Hopper



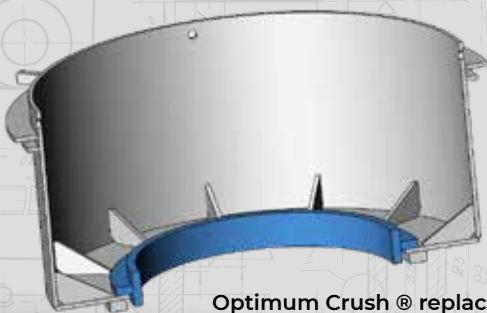
## Background

The mild steel hopper supplied by the OEM has a rock shelf design to it. However, field studies have found that the I.D. of the hopper wears out with use. The leading edge wears away and allows material to get in under the hopper. This material fills up the area of the mechanical hardware used to secure the manganese bowl liner in place.

The material becomes Cementous and adds to the time involved to change out the wear liner. It should be noted that in several cases the material builds up and has raised the hopper, adding to vibration and contact with chute work.

## Optimized Design

The Optimum Crush® Hopper Wear Ring allows for use with the OEM hopper. It encompasses a heavy steel ring design that sets in the bottom of the hopper and is easily removable. The ring does not require welding or bolt in installation, simply lay it flat in the hopper bottom. It utilizes a rock on rock bed of material designed to protect the hopper. Wear resistant material is used in the design to allow for longer service intervals. The design allows for the wear ring to be flipped over for additional wear utilization. Additional sizes of wear rings are available for different sized crusher hoppers. Consult Optimum Crush® for assistance in increasing the life of your crushing components.



Optimum Crush ® replaceable Hopper Wear Ring shown in blue

