

MAIN FRAME LINER

Part Name: Chromium Carbide Overlay (CCO) Main Frame Liner Assembly

Equipment: XL900, XL1100, XL2000 Cone Crushers

XL900 Uses the Optimum Crush® Part Number: 500685, 500134, 500683

XL1100 Uses the Optimum Crush® Part Number: 500427

XL2000 Uses the Optimum Crush® Part Number: 500027

Purpose: Extend Main Frame Liner Life and Reduce Maintenance Costs

Background

The Main Frame liner is critical to the longevity of the crusher while protecting the Main Frame casting, the core structure. The OEM design Main Frame liner is supplied with AR plate. These liners tend to wear quickly, creating more downtime as well as the need for frequent purchasing and stocking of these liners.

For extreme wear conditions, Optimum Crush has designed a two-layer main frame liner system. The front layer is of CCO and is designed to protect in the high wear area of the crusher discharge. The rear main frame layer is of AR and serves to protect the frame and arm guard areas. The rear layer does not change out 1:1 with the front CCO layer.

Contact us to today to arrange for an inspection and improved design to protect your crusher and decrease your operating costs.

Optimized Design

Optimum Crush® has engineered a solution to this problem. Several mines that are operating XL900, XL1100 and XL2000 cone crushers have greatly extended the wear life of their main frame liners by utilizing Optimum Crush® CCO (Chromium Carbide Overlay) liner sets. In most instances, by as much as 5 times the life.

