

INNOVATION.
NOT DUPLICATION.™



WEARVISION™

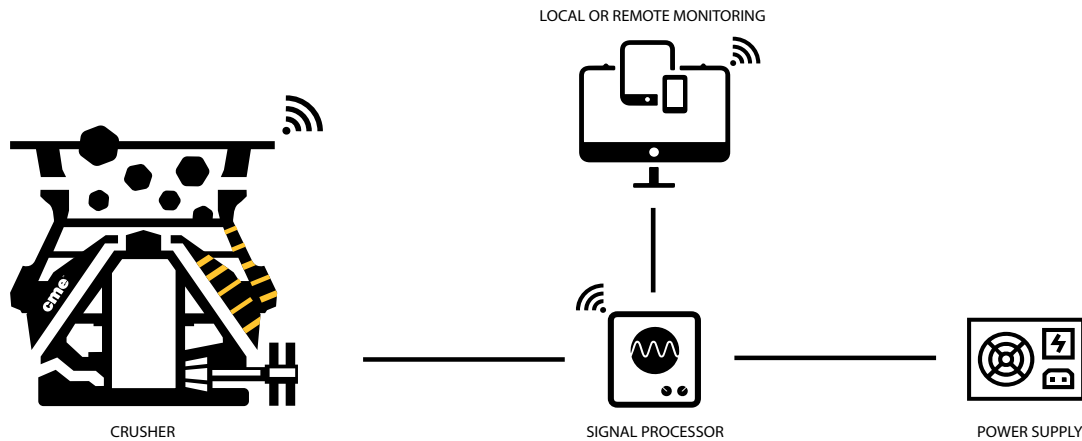
H-E PARTS INTERNATIONAL (H-E PARTS) SPECIALIZES IN PROVIDING WEAR MANAGEMENT SOLUTIONS. H-E PARTS LINER DEVELOPMENT PROGRAM HAS BEEN DEVELOPED TO OPTIMIZE LINER DESIGNS ON A SITE BY SITE BASIS AND INVOLVES THE ONGOING ANALYSIS OF SITE OPERATIONAL REQUIREMENTS, MACHINE OPERATING PARAMETERS, AND WORN LINER PROFILES.

H-E Parts has developed the WearVision™ (patent pending) crusher liner wear monitoring system, which is designed to provide real time information on the condition of wear liners. Data from the WearVision™ can be combined with other crusher data to further improve the optimization of a crusher's performance. The data can also be used to predict and schedule the next liner change date.

Traditional approaches utilize primitive technology and inferred information, focusing only on liner thickness at the closed side setting and often requiring additional off-line, physical measurements (with lead) and visual inspections to calibrate and confirm. This provides imprecise lag data with a limited view of the wear liner condition.



WEARVISION™ SYSTEM CONFIGURATION



WEARVISION™ FEATURES

- Sensors placed along the complete liner profile
- Ability to place sensor in target locations
- Wireless data transmission from moving components
- Local signal processing unit
- Live wear data – adjustable refresh rate
- Local monitoring at crusher
- Remote monitoring at site or off site
- Integration with plant control system
- Configurable system alerts

CME™ LINERS

The WearVision™ system is used in conjunction with H-E Parts range of industry leading CME™ wear liners, which have proven performance and are in operation at mine and quarrying operations, globally. This reputation carries on to H-E Parts flagship MnElite™ grade of manganese wear products, which typically result in a 35% improvement over lower grades of materials.

LIFTING SAFETY

At H-E Parts we pride ourselves on not only providing industry benchmark crusher liners, but also the safest lifting assemblies for quick, reliable and zero harm servicing. Our proprietary CME™ crusher liners, designed for use with

Our LockLift™ and Safe-T Lift™ mantle lifting systems, offer customers the optimal manganese steel grade for the job, while providing customers with the safest means available to remove and replace crusher liners.

H-E Parts International replacement parts are compatible with the makes and/or models of the third-party equipment described. H-E Parts International is not an authorized repair facility of these third parties and it does not have an affiliation with any manufacturers of these third-party products. All brands, original equipment manufacturer (OEM) part numbers or references are owned by the respective OEM entities or their affiliates. These terms are used by H-E Parts International for identification and cross reference purposes only and are not intended to indicate affiliation with, or approval by the OEM, of H-E Parts International or its products.

WEARVISION™ BENEFITS

- Full wear map across liner profile
- No plant down time to determine wear liner condition
- Current profile continuously mapped
- Wear rate trend data continuously updating
- End of liner life prediction based on trend data
- Optimization of crusher performance to balance capacity, setting, power draw and wear rate by integrating wear data with other crusher performance data
- Greater ability to improve profile design to suit operating conditions



CRUSHING SOLUTIONS

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