

CEMENT PULVERIZER WEAR PARTS



OVERVIEW

Riley Power Inc., a Babcock Power Inc.® company, now provides a new technology for weld overlay resurfacing for Vertical Pulverizer Grinding Rolls, Bull Rings and Table Segments. Using a patented process owned by Riley Power, a special tungsten carbide material is applied during the overlay process that increases the life cycle of the refurbished part to beyond that of the original OEM part. This process has been utilized on multiple manufacturers' equipment including: Loesche, Pfeiffer, Polysius, Alstom (Raymond), and FLSmidth, with Ni-Hard and high chrome rolls.

Riley's patented DURATECH™ process has a proven track record of providing superior wear life with over one thousand plus rolls in service grinding some of the most abrasive fuels. Tungsten carbide particles are embedded during the final overlay process providing the superior wear resistance of tungsten carbide in the highest wear area.



Tungsten Carbide

FEATURES / BENEFITS

Patented process uses special tungsten carbide material

Increases life cycle of refurbished parts

Embedded tungsten carbide particles provide superior wear resistance

Can be utilized on multiple manufacturers' pulverizers



FLSmith Grinding Roll after overlay and carbiding



Loesche Grinding Roll after overlay and carbiding



Worn Polysius Doral Tire before overlay and carbiding



Polysius Doral Tire after overlay and carbiding



Worn Pfeiffer MPS Tire Segments before overlay and carbiding



Pfeiffer MPS Tire Segments after overlay and carbiding

SAFETY³ PEOPLE. POWER. PROJECTS.

We're giving safety the third degree.

Babcock Power Inc. and its subsidiaries place the safety, health and security of our people at the core of our company values. Our team is our most valuable resource, generating solutions everyday to deliver safe, clean, reliable energy globally. With a keen focus on safety, Babcock Power Inc. conducts business in a manner that protects our people, our customers and the environment. From innovation to generation, we are proud of our award-winning safety record and are committed to operating with integrity and excellence.

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