

# B&W and Magotteaux — Strategic Alliance for Quality Cast Pulverizer Products

Through a strategic alliance, Babcock & Wilcox (B&W) provides advanced coal pulverizer wear parts from Magotteaux®, a leading supplier of high wear, severe duty castings and differentiated wear solutions. B&W's pulverizer tires, grinding segments, grinding rings, balls and other wear components are now manufactured at Magotteaux's worldwide facilities.

This supplier relationship will provide unique benefits to our customers by combining Magotteaux's metallurgical expertise and experience in casting high wear, abrasion-resistant material with B&W's expertise in coal pulverizer and boiler design, operation and optimization.

What's not changing are the rigorous quality specifications and rugged material properties that you've come to expect from B&W pulverizer parts.

## *Combining the benefits of two world-class organizations*

As a leading boiler designer and manufacturer, B&W understands the importance of pulverizer operation. Access to quality pulverizer replacement parts is essential to the daily operation of your boiler. Our engineered pulverizer parts and upgrades are designed to deliver performance and reliability.

And as a leader in process optimization solutions for high abrasion extracting industries, Magotteaux pioneered the use of specialized alloys and composite materials in the manufacture of high value-added products. Its uniquely patented metallurgical technologies combine toughness with high wear, providing solutions not available with other foundries.

What this means is that our customers will benefit from the combined expertise of both organizations, including:

- extensive boiler design and operating expertise
- an understanding of how pulverizer performance affects fuel combustion and emissions
- a network of field service engineers
- access to customized replacement parts stocking programs
- metallurgical experts who pioneered the use of specialty alloys and composite materials in the manufacture of wear-resistant parts
- a leading global supplier of grinding media, castings and optimized wear solutions
- worldwide manufacturing facilities which hold various safety and quality certifications



## Quality Cast Pulverizer Products from B&W

### B&W Roll Wheel® pulverizers

- Tires
  - Wearesistor® asymmetric design
  - Wearesistor low profile (LP) design
  - Wearesistor wide profile (WP) design
- Grinding segments
- Ledge covers

### E/EL pulverizers

- Balls
- Top and bottom grinding rings
- Housing units

(Continued on reverse side)

## Xwin® pulverizer tires and segments

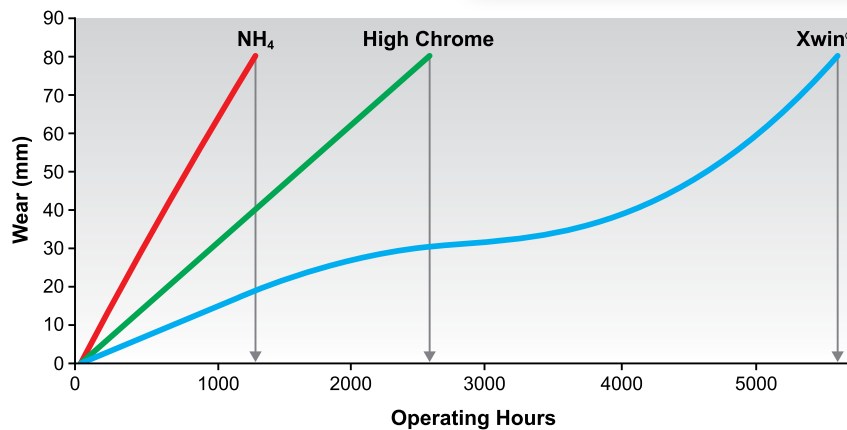
B&W Roll Wheel® pulverizer technology is now combined with Magotteaux's Xwin® material technology to deliver optimum performance and long life. Xwin technology combines the extreme high hardness of ceramic with the mechanical properties of high chromium metal for maximum wear resistance and wear life.

The Xwin technology is available for B&W's Wearesistor roll wheel tires and segments in standard profile, low profile, or wide profile designs.

Advantages of the Xwin technology include:

- extended running life of tires and segments
- increased time between maintenance cycles
- reduced pulverizer operating and maintenance costs
- longer consistency of grinding profiles
- extended duration of optimal pulverizer capacity and fineness
- reduced power consumption

For more information on B&W's complete line of pulverizer replacement parts and upgrades, or on our innovative strategic alliance with Magotteaux, contact your regional B&W sales or service office, or call us at 1-800-354-4400 within the United States, or +1 330-860-1460 outside of the U.S.



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ENERGY | ENVIRONMENTAL

Established in 1867, Babcock & Wilcox is a global leader in advanced energy and environmental technologies and services for the power and industrial markets, with operations, subsidiaries and joint ventures worldwide.

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