



JOY MINING MACHINERY
A Joy Global Inc. Company

NEWS RELEASE

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FOR IMMEDIATE RELEASE

Stamler Battery Hauler with Innovative Design

WARRENDALE, PA October 2006 – “An underground battery hauler that runs as fast with a full load of coal as it does when it’s empty, including hills and grades” is how operators have described the new generation battery hauler designed by the Stamler Battery Hauler Engineering and Development Group of Joy Mining Machinery.

The “innovative design” of Stamler’s new Battery Hauler Alternate Current (BHAC) with its patented electronics is setting a new pace in underground haulage; the result of continuous development, testing and refining of the hauler’s revolutionary concepts.

According to Joy, the BHAC system was engineered to run parallel with the development of the Stamler direct current (DC) Lionetics drive, allowing the company to offer the mining industry two premier state-of-the-art systems.

Development goals of the BHAC, fine-tuned since its introduction and application underground, are extended battery life, high motor efficiency, ease of maintenance utilizing brushless alternate current (AC) motors, enhanced variable frequency drive (VFD) controls, and cutting-edge diagnostics and data acquisition.

The continuous development of the BHAC since its introduction at MINExpo 2004 and through its initial application at a Midwest underground coal mine recently have “raised the bar” for underground haulers, according to Joy, and have resulted in high levels of efficiency and productivity.

To maximize transition to the BHAC battery hauler, both the manufacturer’s and the mine’s service engineering and maintenance personnel attended on-site training programs at Joy’s Bristol, Tennessee facility utilizing the new BHAC training simulator. This portable simulator was also employed for training at the mine site.

The new BHAC with its patented electronics and innovative design places this battery hauler product line as one of the most innovative in the industry.

PHOTO CAPTION: The new Stamler Battery Hauler Alternate Current Machine with three of the members of the Stamler Battery Hauler Engineering and Development Group; (left to right) Billy Hughes, Allen Horton and Donnie Evans.

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Joy Mining Machinery, a subsidiary of Joy Global Inc., is a global leader in the development, manufacture, distribution and service of underground mining machinery for the extraction of coal and other bedded materials. For more information on Joy Mining Machinery visit www.joy.com.