



PO Box 1124  
194 Shott Court  
Bluefield, WV 24701

304.253.0777 phone  
304.253.0719 fax

- POWER UTILITY
- HEAVY PROCESS
- MINING
- TUNNELING

**SPEC SHEET**

## Underground Coal Mining Application

*Air Handling and Cleaning System*



Englo Type 27 Mounted on Joy 14cm15 Continuous Miner-Over 18,000 cfm



Englo Type 18 Being Retrofitted on a Joy 14cm15 Continuous Miner

### Englo Global Underground "Scrubber" Systems

*New Technology for an Age Old Problem.*



Underground coal mines routinely need efficient gas cleaning systems that reliably maintain their rated air volume so that workers are not exposed to hazardous airborne dust particles and potentially harmful or flammable gases. The Englo® Technology is appealing because it requires little maintenance as compared to conventional wet scrubbers, and its unique fan technology allows it to achieve volumes of up to 19,000 cfm with a single unit. A reduction in air volume during operation will not occur with the Englo® Technology because of the **"Self/Cleaning"** feature of its extraction panel that functions to remove dust particles from the dirty air stream. Instead of powering down the unit and manually washing the filter panel, the Englo Technology uses a simple "back-flush" system that can be activated while the scrubber is in operation. In addition to its operational advantages, the Englo® system has the highest collection efficiency of any wet scrubber on the market today; over 99% removal of the total dust from the dirty gas stream. Improved productivity, reduced maintenance, lower operating cost, and high dust capturing efficiency. A huge success for the American coal mining industry.

[www.englinc.com](http://www.englinc.com)