



***"Cleaner and
Greener for the
Next Generation"***



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Air Handling and Cleaning Systems



OUR HISTORY

Englo Dust Extraction Technology started out in the underground coal mining industry. It is while working in the coal industry that they made their greatest transformation by addressing the needs of customers with a desire for a safer means to manage and control combustible coal dust. Today Englo Dust Extractors are used worldwide for Mining, Power Utility and Heavy Process Industries. Englo specializes in the safe control of combustible dust and in fact The Englo Dust Extractor is considered to be one of the safest and most reliable dust extraction systems available on the market today. According to the Environmental Protection Agency Part II 40 CFR 60 Standards of Performance for Coal Preparation and Possessing Plants; Proposed Rule, Englo is considered Best Demonstrated Technology (BDT), and has a lower cost than conventional dry collection systems. Englo Dust Extraction and its highly experienced team have met the challenges set forth by MSHA, OSHA and the EPA to address the needs of its customers to better manage fugitive combustible dust.

Underground "Scrubber" Ventilation Systems



WE LEAVE YOU SPOTLESS...

MSHA APPROVED
Portable or Equipment Mounted
Scrubber Ventilation Systems
1,500-19,000cm

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UNDERGROUND COAL MINING APPLICATION

Equipment Mounted "Scrubbers"



■ **Englo Type 27** mounted on a Joy 14cm15 Continuous Miner—over 18,000 cfm

Portable Ventilation and Gas Cleaning



■ **Englo Type 24P** Portable Ventilation & Dust Extraction for Conventional and Longwall Mining

- | | |
|-----------------|-------------|
| ■ VENTILATION | ■ MINING |
| ■ POWER UTILITY | ■ TUNNELING |
| ■ HEAVY PROCESS | ■ LONGWALL |

Underground "Scrubber" Systems

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 the conventional wet scrubbers, and its unique fan design allows it to attain volumes of up to 19,000cfm with a single unit. Consistent air volume during operation is achieved through the unique **"Self/Cleaning"** feature, instead

of powering down the unit and manually washing the extraction panel, the Englo Technology uses a simple "back-flush" system that can be activated while the scrubber is in operation. Englo offers dust extraction systems that improve productivity, reduce maintenance and lower operating costs. Englo Dust Extractors have the highest collection efficiency of any wet scrubber on the market today. Englo Dust Extraction Technology is truly a huge success for the American coal mining industry.

