

Bloom Engineering

Industrial Combustion and Controls Specialists



Every photograph of Fred Bloom shows a tall, spare gentleman in a well-tailored suit, with a crisply pressed shirt and a smartly knotted bowtie. Look closely, and you will also see something extra – cufflinks, a pocket square or watch – that sets him a little apart.

After all these years, the Fred Bloom spirit still infuses the company he started. Bloom Engineering, founded in 1934, is a company that pays attention to details, turns out a good product and offers a little extra.

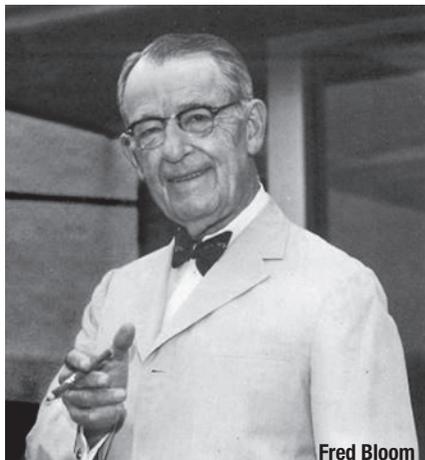
With over 80 years of experience serving a wide array of industries, Bloom prides itself on being able to solve complicated heating and combustion problems. Of course, the Pittsburgh, Pa.-based company can engineer and provide individual burners, but with a large research-and-development laboratory, a growing controls department and a service team that travels to customer sites globally, Bloom is much more than a burner vendor – Bloom is a combustion solutions company.

Combustion Equipment

The range of burners available from Bloom is vast. From very small to very large and able to burn nearly every conceivable liquid or gaseous fuel, Bloom has a burner that is appropriate for most applications.

Research and Development

One of the secrets to Bloom's ability to satisfy many customers in many industries is its continued dedication to research and development. At any time, Bloom will have up to 10 lab staff working on numerous projects. The company thoroughly tests many new concepts, such as firing unique fuels, exploring different applications of existing equipment, determining better ways to use extant burners or improving control strategies.



Fred Bloom

Controls

While the hardware for a combustion system often receives much attention, Bloom has long known about the importance of the controlling software in making that system work properly.

Realizing that proper design and execution of the controls system is critical, Bloom pays attention to every detail, tailoring each system to the application, and following through with implementation, installation and start-up. This focus allows the company to continue to lead the field in providing optimized combustion systems for almost any application.

Combustion and Industrial Service

With a dedicated team of expert combustion technicians, Bloom is able to respond to combustion problems anywhere in the world. While unscheduled service work is a big part of what the service group does, Bloom is working hard to increase regularly scheduled maintenance for its customers. By optimizing the performance of the system on a regular basis, the customer can have a more reliable system, minimizing both unscheduled service and downtime. A well-tuned system is more efficient and has minimal emissions issues.

Bloom regularly hosts combustion training seminars covering topics such as combustion theory, industry applications, and equipment sizing and selection. These seminars can be hosted off-site or at a customer's location, tailored to the customer's specific needs. In addition, energy audits, outage management, performance studies and operational consulting are all available.

Conclusion

One other thing to notice about those photos of Mr. Bloom – he is always smiling. It's clear that he is enjoying what he is doing, and he seems to be ready for another opportunity to solve a problem. That's another way that his spirit still suffuses the company that bears his name. Bloom Engineering still loves what it does, and it can't wait for the next challenge.

Visit www.bloomeng.com for more information on Bloom Engineering.