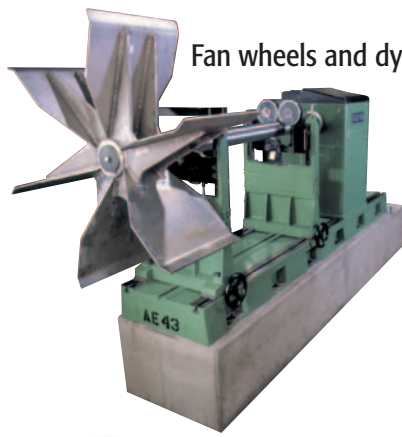


Air preheater

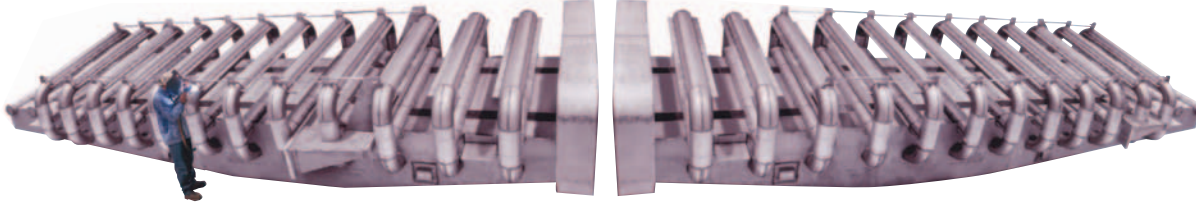


Fan wheels and dynamic balancing



Piping assemblies

64-ft plenum fabrication



## The Alloy Engineering Family of Products



With headquarters in the Cleveland, Ohio metro area, we offer a full array of corrosion-resistant, high-temperature fabrications and products.

Contact us: Call or visit our web site – [www.alloyengineering.com](http://www.alloyengineering.com) – to discover how Alloy Engineering can enhance your operations and bottom line.



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Web: [www.alloyengineering.com](http://www.alloyengineering.com) • Email: [sales@alloyengineering.com](mailto:sales@alloyengineering.com)

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CarBlk01 3/05

# CARBON-BLACK INDUSTRY ALLOY PRODUCTS

Specialists in fabricating corrosion-resistant, high-temperature products for over 60 years.



F A B R I C A T I O N I N G E N U I T Y S I N C E 1 9 4 3



Trust Me.



Ask Me.



Test Me.

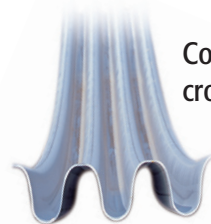
Wet bead machine



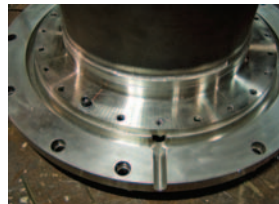
Burner fabrication



Corrugated cross section



Damper assembly



Machined alloy assembly



Cylindrical dryer

**Specialists in fabricating corrosion-resistant, high-temperature products for over 60 years.**

*Since 1943, we have been a reliable, responsive resource for alloy fabrications in a variety of applications, many of them for the carbon-black industry. Our reputation has been built on a foundation of solid engineering expertise, extensive application experience, and superior manufacturing techniques.*

*Over the years, Alloy Engineering has pioneered the development of rolling, forming, and welding techniques for stainless steels, nickel-based alloys, and other exotic materials. Our fabrications are the highest quality, most durable available, anywhere. The Alloy Engineering manufacturing team is focused on fabricating products that meet, or exceed, application requirements.*



**Focusing on fabrication**

Our production capabilities include a full line of metal bending and forming equipment that allows us to form large, high-integrity fabrications with a minimum of seams. We roll a variety of cylindrical and conical shapes and can produce corrugated, rolled shapes in a single cost and timesaving operation.

Alloy Engineering offers a full range of welding capabilities. We are an ASME Certified Code facility and all our welders are certified by the American Welding Society. We are experienced in welding stainless steels, nickel-based alloys, and other exotic metals.

Our welders use the most sophisticated equipment including automated beam and boom welders that are capable of MIG, TIG, plasma, and flux-core welding. We are also capable of performing precise plasma cutting on our computerized servograph system.

Alloy Engineering carries a Certificate of Authorization to build to ASME Section VIII, Division 1, specifications. We combine these ASME code procedures with our experience, expertise, and dedication to assure our fabrications meet all specifications and tolerances.

**Managing Resources & Service**

Alloy Engineering's production-management capability makes it possible to quickly respond to customers' needs. We work with customers to anticipate their component needs. In this way, we can quickly deliver solutions to minimize maintenance and retrofitting downtime while eliminating the need to maintain a costly on-site inventory.



**Commitment to Customer Satisfaction**

We believe that customer satisfaction defines quality. And, delivering, or surpassing, expected product performance and life is the essence of customer satisfaction. Our commitment to quality assurance ensures our products meet the highest quality standards and provide predictable, consistent performance throughout their operational life.

With an unwavering commitment to keeping customer needs and desires in focus throughout our operations, we consistently deliver an unprecedented level of product quality, dependability, and performance.

