

World-class Manufacturing, Worldwide Reach

CBC is recognized worldwide as the market leader for quality, reliability and service in manufacturing galvanizing and annealing kettles.

With more than 120 years of experience, CBC is the leader in kettle manufacturing for the Central, North and South American markets and in fact ships kettles to all reaches of the globe.

Our breadth of experience fabricating kettles and ASME pressure vessel products, combined with the newest fabrication and welding techniques available, give our customers guaranteed state-of-the-art products.

CBC can support any customer-specific requirements in the kettle design and fabrication process, including multiple flanges, spouts/extensions, lift eyes, heat shields and stainless steel.

After fabrication, all kettles undergo a complete post-weld heat-treating process before they are shipped. This ensures our customers receive a uniform grain structure throughout the kettle, and the advantages of faster heat up. It also eliminates the burden and responsibility of customers having to properly heat treat a kettle themselves during installation and start-up.



*Installations in
Europe, North America,
Central & South America,
Middle East, Africa, Asia*



CBC
Columbiana Boiler Company

Quality Control & Serviceability

CBC's quality control begins by specifying the ideal steel composition to the steel mill, and continues with ongoing research on the resistance of our kettle steel to the various available zinc alloys and furnace and burner types on the market.

Furthermore, our fabrication process is completely standardized and undergoes continuous scrutiny as a project is built. A final inspection is performed and documented for each kettle prior to shipment. Each customer receives a data package of all related documents with their product.



Our Largest Kettle to Date

82'4" long x 10'4" wide x 12'4" deep
(25.1 m long x 3.2 m wide x 3.8 m deep)

Weight 155 tons (310,000 lbs)
(140,613 kg)

Custom Kettle Fabrication & Services

In addition to the manufacturing of our major products, we also offer fabrication of custom-made accessories and related equipment.



If you wish, our affiliates can assist you in the entire kettle change-out procedure to ensure a quick and seamless turnaround to get your operations back up and running.

- Post-weld heat treatment provided in our large furnace
- Fabrication of custom equipment to your specifications:
 - Dross scoops
 - Sinkers
 - Spinner baskets
 - Augers
 - Kettle covers
 - Thermocouple wells
 - Kettle steel plate cut to size
 - Other related fabrications

Fabrication Capacities

Kettle Sizes to Date:

Lengths: 12" to 82' (304 mm to 25.1 m)

Depths: 6" to 16' (152 mm to 4.9 m)

Widths: 6" to 10' (152 mm to 3.1 m)

Material Thickness Range:

Carbon: 1" to 2.5" (25.4 mm to 63.5 mm)

Stainless Steel: 1" to 2" (25.4 mm to 50.8 mm)

Stainless Clad: up to 2.1" (52.3 mm)

***Where Experience
and Excellence
Come Together***



CBC

Columbiana Boiler Company, LLC
200 West Railroad St.
Columbiana, OH 44408 USA
Tel: (330) 482-3373
Fax: (330) 482-3390
sales@cbco.com
www.cbco.com



MADE IN USA

KETTLE-EN-0517

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