



FIELD INSTALLATION SERVICES & CAPABILITIES

Custom fabrication of industrial ductwork
systems, from design to installation.

CECO
Kirk & Blum



ABOUT US

CUSTOM FABRICATION OF INDUSTRIAL DUCTWORK SYSTEMS, FROM DESIGN, TO INSTALLATION, TO START-UP.

Since 1907, CECO Kirk & Blum has been the leader in engineering, fabrication and turnkey installation of ventilation ductwork systems and component parts for air pollution control systems. Our reputation is the result of our ability to develop equipment that meets the strictest emission compliance standards.

It's more than just business for Kirk & Blum. Our experience and knowledge improve our customers' workplaces and protects their workers from dangerous dust, particulates, and mists. We improve the health and safety of industrial facilities and protect the environment – one custom project at a time.

OUR QUALITY

Kirk & Blum offers 24/7 service because we understand that every second your facility is offline, you're not making money.

Kirk & Blum secures and maintains General Contractor licenses in multiple states and we continually train our employees as both state-local and national codes are enhanced or updated. We are committed and aligned with the Sheet Metal and Air Conditioning Contractors National Association (SMACNA) to meet your installation, system assessment and air balancing needs





INSTALLATION

Kirk & Blum provides complete field installation and service, which includes on-site installation of fabricated components, including electrical and mechanical services.

Our nationwide network of experts includes local technicians and field maintenance specialists that are available for routine maintenance as well as emergency service calls. Our highly skilled teams are responsive and get the job done quickly and efficiently to minimize your downtime.

Kirk & Blum is an industry-leading expert in heavy-duty, installation of:

- \ Ductwork
- \ Regenerative Thermal Oxidizers (RTOs)
- \ Cyclone Dust Collectors
- \ Scrubbers
- \ Bag Houses
- \ Mist Control and Filtration Systems

Since the day Kirk & Blum was founded, no two jobs have been the same. Every single project is done to exacting specifications and is completely custom – determined by the unique requirements of the facility, the industrial processes of the project, and the regulatory requirements of the industry.

LASER WELDING - LEADERS IN INNOVATION

At Kirk & Blum, we rely on the LightWELD™ handheld laser welding and cleaning systems to deliver exceptional results for our customers' projects. These systems ensure fast, high quality welding across various materials and thicknesses, while being incredibly easy to learn and operate.

Our use of LightWELD systems, equipped with pre-weld and post-weld laser cleaning capabilities, optimizes weld quality and significantly enhances productivity. Each system is crafted for superior quality, speed, user-friendliness, and consistent performance.

High-Quality Results: Consistent and superior weld quality across various materials and thicknesses.

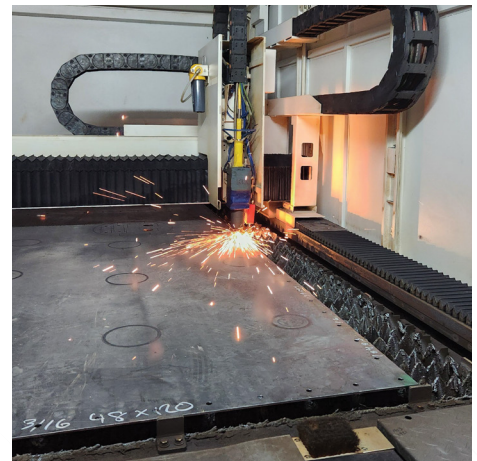
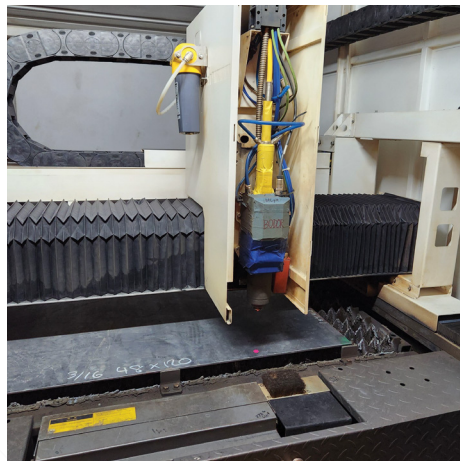
Increased Productivity: Pre-weld and post-weld cleaning functionalities optimize the welding process, saving time and enhancing efficiency.

Speed and Efficiency: Fast operation ensures quicker project turnaround times.

Reliability: Engineered for repeatability, ensuring dependable results every time.

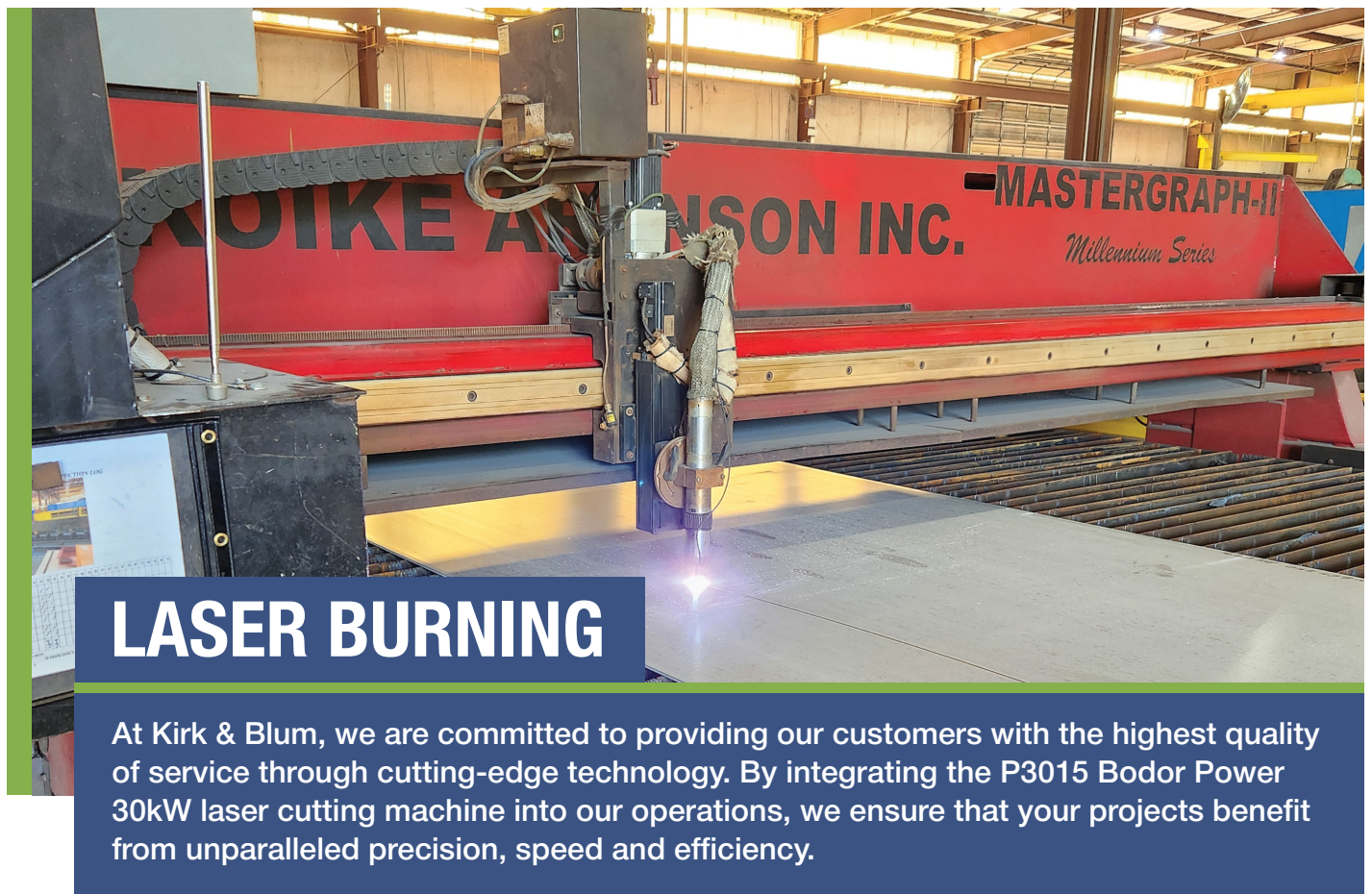
Versatility: Capable of handling a wide range of welding applications with different models tailored to specific needs.

Expertise: Leveraging advanced technology means customers benefit from cutting-edge solutions and professional execution.



Laser Welding vs Traditional Wire :

- 40% less time
- 30% less gas
- Eliminates weld cleaning
- Ease of use, operator friendly
- Improved weld quality



LASER BURNING

At Kirk & Blum, we are committed to providing our customers with the highest quality of service through cutting-edge technology. By integrating the P3015 Bodor Power 30kW laser cutting machine into our operations, we ensure that your projects benefit from unparalleled precision, speed and efficiency.

Precision: Achieve clean, precise cuts with minimal material deformation, ensuring the highest quality for your projects.

Speed: Our P3015 laser cutter significantly reduces production time, allowing us to deliver faster turnaround times without compromising on quality.

Efficiency: With the powerful 30kW laser, we maximize cutting efficiency, making it ideal for high-volume production and complex designs.

Material Versatility: Capable of handling a wide range of materials and thicknesses, the P3015 provides unmatched versatility for diverse project requirements.

Consistency: We deliver consistent and repeatable results, maintaining high standards in production quality for every project.

Cleaner Cuts: Experience cleaner edges, free from the burrs and slag associated with traditional burning methods, reducing the need for post-processing.

Reduced Heat-Affected Zone (HAZ): Our laser minimizes the heat-affected zone, preserving the integrity of the material and reducing warping.

Laser Burning vs Traditional Plasma :

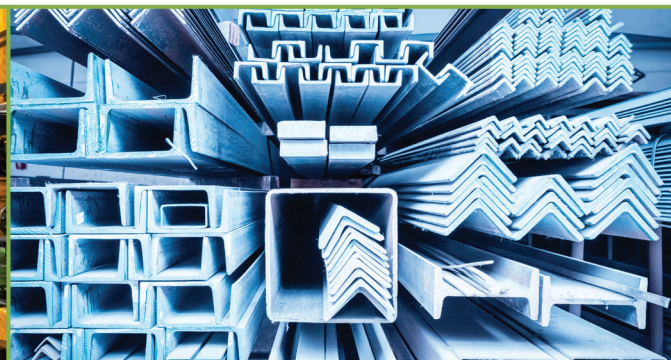
- 225% less time (30kW Bodor)
- 30% less cost (wire and MRO)
- Eliminates slag cleaning
- Ease of use, operator friendly
- Improved weld quality
- Cuts materials up to 6" thick

MARKETS SERVED

With over a century of experience, we have the proven ability to design and deliver containment systems for any industry, including:



AUTOMOTIVE PRODUCTION



BUILDING PRODUCTS



PAINT SHOPS



FOOD PROCESSING



FOUNDRIES



PAPER AND PULP

OUR PROCESS

ISSUE OR NEED IDENTIFIED



You open a new facility, are retrofitting an older one, or discover that you have regulatory compliance deficiencies.

CONTACT CECO KIRK & BLUM



You contact CECO Kirk & Blum – experts in custom fabrication of industrial ductwork systems, from design to installation.

INITIAL CONVERSATION AND ISSUE DISCOVERY



An initial conversation to learn more about your needs, challenges, facility, processes, and project requirements.

ONSITE FACILITY TOUR



Our field team visits your facility to gain a deeper understanding of the engineering and fabrication your project will require, take exacting measurements, and assess current systems or future needs.

CUSTOM SOLUTION CREATED



We design your custom dust, fume, and mist control system, whether we are building from scratch or adding on to an existing system.

PROJECT STARTS



Our highly skilled team begins fabrication of all ductwork and components for your project.

INSTALLATION



We install your industrial ductwork system with precision fabricated components, including electrical and mechanical services.

SUCCESS!



Your completed project meets the strictest emission standards and protects workers from dangerous dust, particulates, and mists.

SAFETY / CERTIFICATIONS

Kirk & Blum belongs to several industry trade associations to remain current with the latest training and certification standards, learn about new innovations and technologies, and stay on the cutting edge of industrial ductwork best practices.



In addition, all Kirk & Blum holds mechanical contractor (CMC) and industrial contractor (BC-C) licenses, has an in-house Certified OSHA Instructor/Safety Coordinator, and all project leaders carry OSHA certifications as well as lift and any other certifications required for each specific project.

CUSTOMER TESTIMONIALS

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Kirk & Blum field technicians arrived on-time and prepared and scheduled a brief overview of the work schedule, communication plan, and names of each employee participating in the installation. We were impressed with the work quality and timeliness of completion. Most important, the lead technician conducted a walk-through meeting to review what was completed and confirmation of our acceptance - first class and professional.

- Facility Engineer, Major Automotive Supplier

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Impressive technical knowledge! The service lead quickly accessed our problem, identified an air flow issue, provided an on-site estimate, and connected me with the Sales Representative to begin the order process.

- Maintenance Manager, Building Products

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The Kirk & Blum crew was fabulous. They worked 17 straight days to ensure the line was ready for launch on the promised date and endured multiple days of inclement weather, changed their schedule to stay on-task, and completed 2-days ahead of plan.

- Project Manager, Distillery Operations

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CONTACT

931-381-0037 | www.CecoVent.com
info@OneCeco.com

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