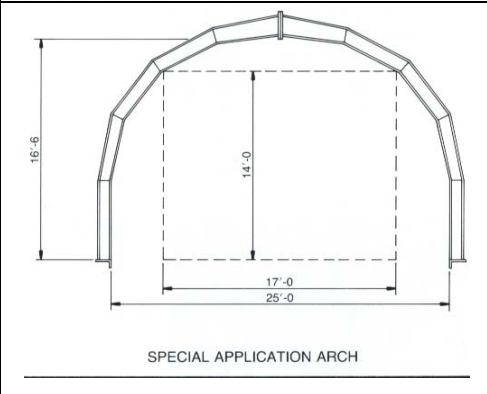
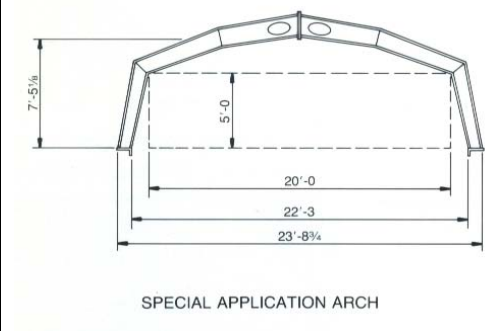




Modern Welding Company

Subsidiaries Nationwide
 Fabricator of Quality Metal Products offering Coast to Coast Service
www.modweldco.com



Modern Welding Company of Kentucky, Inc.

Madisonville, KY

Metal Products for the Mining Industry

Mining Support Arches

Our underground roof support arches protect your most valued employees and your equipment. Safety begins at the mouth of the mine. Our underground roof support arches feature a unique Personnel Shield for peace of mind security and protection during installation.

Personnel Shield

The Personnel Shield assists installation in the most sensible manner possible. The Shield consists of two identical units which are installed side by side at the center line of the arch. This allows installers to work under the Shield and under the flange of the arch being set. Installers can safely adjust the legs to correct distance from the preceding set and install sag rods for the following set. After installation of lagging and tightening of sag rods, the Personnel Shield slides forward until it is finally disengaged from the structure. The same procedure is repeated for each successive set.

Design and Material of Construction

Our Underground Roof Support Arches are computer analyzed to determine the load strength. They are easily erected with only 4 high strength bolts necessary for completion. Every joint is seal welded - not stitched welded - and each arch is fabricated from ASTM-36 steel plate. Our arches have a footplate designed to embed in the ground to help resist the tendency to spread under load. We can also furnish, as an option, a tie rod to further resist spreading. The primary resistance to spreading is achieved by blocking between the leg arch and the rib.

Extensions are available to increase the width and height of our standard arch. We also offer custom design arches. In fact, we can tackle any design problem successfully. Our arches are supplied primed painted, however unpainted arches are available on request. We can also solve your intersection roof support needs in a manner that is compatible with our arches.

Modern Welding Company, a nationwide metal fabricator offering regional service and delivery. Contact our subsidiary closest to your project for regional pricing and freight savings.				
Locations:	Newark, OH modern5@modweldco.com 740-344-9425	Houston, TX modern7@modweldco.com 713-675-4211	Fresno, CA modern10@modweldco.com 559-275-9353	Rhome, TX modern15@modweldco.com 817-636-2215
modern1@modweldco.com 270-683-5323	Orlando, FL modern6@modweldco.com 407-843-1270	Burlington, IA modern8@modweldco.com 319-754-6577	Augusta, GA modern14@modweldco.com 706-722-3411	Modern Custom Fabrication, Fresno, CA modern16@modweldco.com 559-264-4741



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Cone Bottom Bin

Modern Welding Company of Kentucky, Inc. Steel and Plate Fabrication

PRINCIPAL PRODUCTS

Modern Welding Company of Kentucky's two plants specialize in plate fabrication of duct work, bins, hoppers, chutes and other equipment, in stainless steel, aluminum, and carbon. A wide variety of linings and coatings are available.



Chute with Ceramic Liner

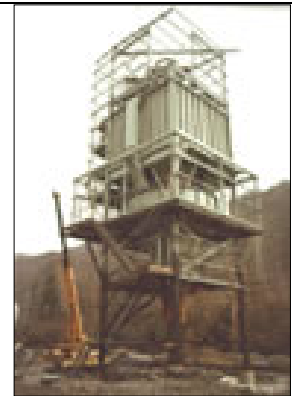
Modern Welding Company of Kentucky features a steel products warehouse with inventory of plates, sheets, bars, angles, channels, I-beams, wide flange beams, expanded metal, grating, floor plate, etc. Custom forming, rolling, shearing, cutting, and other operations are available. Other products include coal handling and processing equipment (overland conveyors, loading dock fabrication) and structural steel for buildings.



Multi-Compartment Hopper



Conveyor



Elevated Hopper Assemblies

Modern Welding Company of Kentucky, Inc.

303 Steel Drive, P. O. Box 117
 Elizabethtown, Kentucky 42702-0017
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Modern Welding Company

Subsidiaries Nationwide

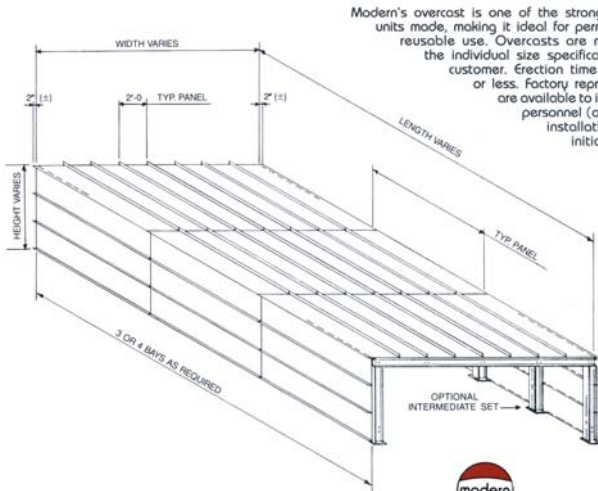
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PREFAB VENTILATION OVERCAST



Designed for Strength & Durability
Reusable • Easy to Assemble • Any Size



Modern Welding Company of Kentucky, Inc. Steel and Plate Fabrication

VENTILATION OVERCAST

Modern Welding Company of Kentucky overcast is one of the strongest prefab units made, making it ideal for permanent and reusable use. Overcasts are made to fit the individual size specification of the customer. Erection time is 4 hours or less. Factory representatives are available to instruct mine personnel, on site, with installation of your initial overcast.

Modern Welding Company of Kentucky, Inc. also features a steel products warehouse with inventory of plates, sheets, bars, angles, channels, I-beams, wide flange beams, expanded metal, grating, floor plate, etc.

Custom forming, rolling, shearing, cutting, and other operations are available.

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