

Cabinas y estaciones de soldadura

Crea un espacio eficaz y eficiente para la enseñanza



CARACTERÍSTICAS

La cabina de soldadura de Lincoln Electric se puede vender de forma independiente o con un sistema de extracción de humos de soldadura. Las cabinas se pueden combinar con una variedad de unidades de captura de fuentes de soldadura o sistemas centrales con brazos de extracción de humos. Se pueden colocar paredes independientes para obtener estaciones de soldadura de tamaño estándar.

- **Diseño robusto, construcción de acero resistente**
- **Las cabinas de mayor tamaño tienen suficiente espacio en el piso para acomodar cómodamente tanto al estudiante como al instructor**
- **Opciones de cabina única o múltiple, se puede configurar como un cuadrado o un rectángulo**
- **Las paredes de la cabina de soldadura tienen un espacio abierto de 18 pulgadas en la parte inferior para la circulación de aire y por seguridad. (Supera la recomendación AWS EG2.0:2006 de 12 pulgadas)**

Aplicaciones »

Instalaciones de educación y entrenamiento
Entornos de fabricación/producción
Estaciones de reparación y mantenimiento



MONITOR STUDENT ACTIVITY AT A GLANCE WITH BOOTH ASSIST

Booth Assist is an alert system that can be installed in the welding booth(s) to monitor student activity. A control panel paired with an easy-to-see tricolored light stack indicates if the booth is occupied (green), actively welding (amber) or if help is needed (red). Instructors can easily and more efficiently monitor an entire class at a glance and attend to needs more efficiently.

Key Features:

- Easy install
- Low voltage operation
- Compatible with any welding process
- Compatible with any welding equipment

Visual Light Tower Outside the Booth:

- Green Indicator = Booth is Occupied
- Amber Indicator = Student is Welding
- Red Indicator = Student Needs Support

Booth Assist: K5319-1

Includes:

- Control Panel (5.5x5.5x2)
- Light Stack
- Weld Sensing PCB

Also includes a variety of mounting brackets and hardware for installation



SINGLE OR MULTIPLE BOOTH CONFIGURATIONS AND INSTALLATIONS ARE POSSIBLE
CONTACT A LINCOLN ELECTRIC ENVIRONMENTAL SALES SPECIALIST FOR A QUOTE.



Single Booth



Side-to-Side



Back-to-Back

To get started designing your welding lab or training facility, see the next page or visit
<https://www.lincolnelectric.com/en/Welding-and-Cutting-Resource-Center/Weld-Fume/How-to-get-started-Weld-booths-and-welding-stations>

How to Get Started

Are you looking to design your welding lab or training facility? Lincoln Electric can help you get started. We have engineering staff that can help design your welding lab to accommodate your welding and training needs to maximize your overall floor space.

Before requesting a quote, you will need to provide some general information.

- 1 Booth Quantity**
Identify the number of weld booths needed in your facility.
- 2 Booth Dimensions (DxW)**
Calculate the overall length and outside dimension of your weld booth configuration.
- 3 Booth Configuration**
Determine the booth configuration (side-by-side; back-to-back)
- 4 Booth Accessories**
Select the accessories required for each booth layout:
 - Welding Curtains
 - Welding Table or Stand
 - LED Light Kit
 - Lockable Storage Cabinet
 - Booth Monitoring System
- 5 Type of Weld Fume Control System**
Provide the type of current or new weld fume control equipment for each booth:
 - Portable Extraction Units
 - Weld Fume Extraction Tables
 - Stationary Weld Fume Extraction Units
 - Central Fume Extraction Systems

Calculate Your Space

Overall width of row = $(a + 2) \times n + 4$

n = number of booths in the row

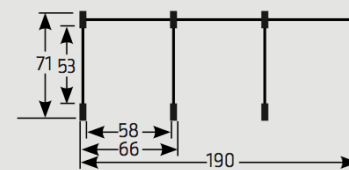
a = width (inside dimension) of booth (48", 60" or 72")

"2" = thickness of one side panel

"4" = thickness of the last panel in the row (2") plus an additional 1" on each end for the foot pad

Example:

Row of 3-5x5 ft. booths



$(60 + 2) \times 3 + 4 = 190$ inches

PRODUCT SPECIFICATIONS

Product Name	Panel Construction	Reinforced Frame	Interior Dimensions ft (m)	Exterior Overall Dimensions ft (m)	Height ft (m)
Welding Booth (Single)	16 Gauge sheet metal	11 Gauge angle	4 x 4 (1.2 x 1.2)	4.5 x 5 (1.4 x 1.5)	7.5 (2.23)
			5 x 5 (1.5 x 1.5)	5.5 x 6 (1.7 x 1.8)	
			6 x 6 (1.8 x 1.8)	6.5 x 7 (1.9 x 2.0)	
			7 x 7 (2.1 x 2.1)	7.5 x 8 (2.3 x 2.4)	
			8 x 8 (2.4 x 2.4)	8.5 x 9 (2.6 x 2.7)	

CUSTOMER ASSISTANCE POLICY

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, automated welding systems, consumables, and cutting equipment. Our challenge is to meet the needs of our customers, who are experts in their fields, and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or technical information about their use of our products. Our employees respond to inquiries to the best of their ability based on information and specifications provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment, or to provide engineering advice in relation to a specific situation. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or communications. Moreover, the provision of such information or technical information does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or technical information, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose or any other equivalent or similar warranty is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the definition of specifications, and the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

The operation of welding fume control equipment is affected by various factors including proper use and positioning of the equipment, maintenance of the equipment and the specific welding procedure and application involved. Worker exposure level should be checked upon installation and periodically thereafter to be certain it is within applicable OSHA PEL and ACGIH TLV limits.

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