



**Automation
Solutions**

T H E L I N C O L N E L E C T R I C C O M P A N Y

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Project Summary:

Central Nine Career Center – Weld Booth Systems

Weld Booth Equipment Scope:

5ft x 5ft Weld Booths (Qty. 40 Weld Booths):

INCLUDES BOOTHS WITH PARTITIONS, CURTAINS, AND HARDWARE. FINISHED INTERIOR BOOTH SIZE WILL BE 5FT X 5FT X 7.5FT (WXDXH). QUOTE BASED ON LAYOUT PROVIDED WITH TWO SIDE BY SIDE ROWS OF NINE AND TWO ROWS OF ELEVEN PER CONSTRUCTION DRAWING LS101B.

WALLS WILL BE PAINTED BLACK. END PANELS WILL BE PAINTED BLACK WITH A LINCOLN ELECTRIC LOGO. ALL PANELS/POSTS ARE MADE FROM STEEL WITH 2" X 2" SUPPORTS.

PARTS INCLUDED:

- (6) LEFT SIDE PANELS
- (6) RIGHT SIDE PANELS
- (73) BACK/CENTER PANELS
- (40) HEADER TUBES
- (40) CURTAIN KITS
- (102) POSTS
- (10) 10IN EXTENSION PANEL
- (40) EXTRACTION ARM MOUNTING BRACKETS

INCLUDES SHIPPING CHARGES, ASSEMBLY REQUIRED.

Total Equipment Price: \$80,241

Equipment Lead Time: 4-8 Weeks

Recommended Options (not included in total price above):

| | | |
|------------|---|--------------------|
| K5248-1 | WELD TABLE WITH POST 32 IN. WIDE | \$535 per table |
| L15788-6 | LOCKABLE STORAGE CABINET | \$1,195 per locker |
| L15788-69 | WELD BOOTH ADA TABLE, 47" LX 20" WX 34" H | \$1,769 per table |
| AD1389-20 | BOOTH LED LIGHT KITS, 4 & 5 FT W | \$465 per kit |
| L15788-287 | QUENCH TANK | \$3,578 per tank |
| K5319-1 | BOOTH ASSIST | \$317 per booth |

Welding Booth – 5 ft. x 5 ft.

The Lincoln Electric welding booth is ideal for use in production welding applications, vocational centers, and training facilities.

Features:

- Rugged all-steel construction
- 16 gauge sheet metal and 11 gauge angle frame panel construction; 2 in. x 2 in. steel posts
- Adjacent booths share side and back panels
- Powder-coated anti-reflective black finish paint
- Open space of 18 inches at bottom of booth walls for air circulation and safety [Exceeds AWS EG2.0:2006 recommendation of 12 inches]
- Simple installation

Accessories (ordered separately):

- Welding Table
- Welding Curtain
- Lockable Storage Cabinet
- Mounting Bracket for installing an extraction arm to the booth wall when a nearby vertical surface of solid construction is not available. Connection of extraction arm to a low-vacuum weld fume control system is required.



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DIMENSIONS – ASSEMBLED BOOTHS

| | | |
|--|------------------------------------|------------|
| Inside (W x D x H) | 60 in. x 60 in. x 90 in. | |
| Outside, Single Row (W x D x H) | $(62n + 4)$ in. x 71 in. x 90 in. | See Note 1 |
| Outside, Back-to-Back Rows (W x D x H) | $(62n + 4)$ in. x 133 in. x 90 in. | See Note 1 |

Notes:

(1) n = number of booths in the row.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing.

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.

Booth Curtain Kit – 62 in. W x 66 in. H

The welding curtain helps to protect other students and workers from arc flash and sparks. Comprised of overlapping individual strips, the curtain covers the entire width of the entrance to the Lincoln Electric welding booth.

When installed at the top of the welding booth, the curtain strips hang to approximately 24 inches above the floor.

The assembly includes curtain strips with pre-drilled holes for hanging, mounting bracket, cover angle, wing nuts and washers.



TECHNICAL SPECIFICATIONS

| | |
|-----------------------------------|--|
| Product Number | K5249-2 |
| Size (W x H) – Overall | 62 in. x 66 in. (1575 mm x 1676 mm) |
| Strip Width / Overlap / Thickness | 8 in. (203 mm) / 50% / 0.08 in. (2 mm) |
| Strip Color | Weld Screen Red |
| Strip UV Resistance | Yes |

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