

Edison Workbench



watson

Important Safety Instructions

This product is for commercial use only.

Maximum intended load for each worksurface is 200 lbs (91 kg)

When using an electrical furnishing, basic precautions should always be followed, including the following: Read all instructions before using (this furnishing).

DANGER

To reduce the risk of electric shock:

1. Always unplug this furnishing from the electrical outlet before cleaning.

WARNING

To reduce the risk of burns, fire, electric shock, or injury to persons:

- 1. Unplug from outlet before putting on or taking off parts.
- 2. Close supervision is necessary when this furnishing is used by, or near children, invalids, or disabled persons.
- 3. Use this furnishing only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.
- 4. Never operate this furnishing if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the furnishing to a service center for examination and repair.
- 5. Keep the cord away from heated surfaces.
- 6. Do not use outdoors.
- 7. Do not operate where aerosol (spray) products are being used or where oxygen is being administered.
- 8. To disconnect, turn all controls to the off position, then remove the plug from outlet.
- 9. Risk of Electric Shock Connect this furnishing to a properly grounded outlet only. See Grounding Instructions (Fig. 1).



- 10. Mount furnishings at the correct height.
- 11. Risk of Fire or Electric Shock. It is possible for this office furnishing system to be connected to more than one source of supply. Disconnect all sources prior to any servicing. A single circuit shall not be powered by more than one source.

- 12. Electrical connection between rail segments shall be disconnected prior to removal of a mechanical connection.
- 13. The system may be supplied by a three phase power system with four individual circuits rated at 20 amps/120 volts max-imum, or as permitted by local code.
- 14. No more than 12 duplex receptacles shall be supplied by one circuit. (12 segments Two Duplex, 6 segments Four
- 15. For commercial use only.

NOTE - Installation must be in accordance with the National Electrical Code and local codes. Electrically interconnected tables need to be mechanically connected.

General Rail Assembly Notes

It is recommended to perform as much of the rail assembly upside-down, keeping in mind how many installers are available to flip the run right-side up once assembled.



If 1 - 2 installers: flip the first rail segment upside down and complete steps 1 & 2. Then flip the rail right side up and continue with instructions, adding one segment at a time for step 3.



If 3+ installers: complete steps 1-4 with the rail flipped upside down. Once complete, flip right side up. The length of run will determine how many installers are needed to perform the flip.

If Using Optional Utility Power -

- 1. The electrical desk plug must be plugged into the utility power when present.
- 2. This product is for use on a nominal 120-volt circuit and has a grounding plug that looks like the plug illustrated in sketch A (see Figure 77.1). Make sure that the product is connected to an outlet having the same configuration as the plug. No adapter should be used with this product.

Save These Instructions

OPERATING INSTRUCTIONS - Please refer to the provided Installation Instructions and User Guide.

POLARIZED PLUG INSTRUCTIONS – To reduce the risk of electric shock, this furnishing has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

SERVICING OF DOUBLE-INSULATED PRODUCTS – In a double-insulated product, two systems of insulation are provided instead of grounding. No grounding means is provided on a double-insulated product, nor is a means for grounding to be added to the product. Servicing a double-insulated product requires extreme care and knowledge of the system, and is to be done only by qualified service personnel. Replacement parts for a double-insulated product must be identical to the parts they replace. A double-insulated product is marked with the words "DOUBLE INSULATION", "DOUBLE INSULATED", or [].

This product is for use on a nominal 120-V circuit. Make sure that the product is connected to an outlet having the same configuration as the plug. No adapter should be used with this product.

Tools



Additional tools such as a 90 Degree Bit and an 18" Extension are helpful for some steps.

*No torque or ball bits should be used









Phillips Drill/ Driver Bit

3mm Hex Drill/ Driver Bit

4mm Hex Drill/ Driver Bit

18" EXTENSION

Hardware

CIT I



#10 x 5/6" Truss Head Screw (122800)



M6x12mm Button Head Screw (125290)



M6x12mm Flat Head Screw (0002637)

#8 x 3/4" Phillips

FlatHead Screw

(116755)



M6 Nut (490611)



M6x12mm Carriage Bolt (0002636)



M5 Weld Nut (0002706)



Thread Cutting Screw (121538)

M6x18mm Button Head Screw (125278) M5x35mm Button Head Screw (0002707)

Essential Components



Essential Components (continued)





Power Infeed



Jumper



Dual Sided Height Adjustable Leg Assembly



Dual Sided Fixed Height Leg Assembly





Single Sided Height Adjustable Left Hand Leg Assembly



Single Sided Height Adjustable Right Hand Leg Assembly



Single Sided Height Adjustable Left Hand Leg Assembly



Single Sided Height Adjustable Right Hand Leg Assembly

1 Secure Power Duplexes.

Place Power Beam sitting upright. Place the appropriate Power Duplex Module (single sided vs dual sided, two duplexes per side vs four duplexes per side) into the notch cuts in the center of the Power Beam (1a).

Place the appropriately sized Power Supply Cover over the top of the power duplexes (1b).

Secure the Power Supply Cover using four (4) Thread Cutting Screws per Power Supply Cover (1c).







2 Attach H-Legs to Power Beam.

Flip the Power Beam so that its underside is facing upwards. Place each H-leg and Lifting Column Assembly into the notch in the underside of the Power Beam with the Lifting Columns pointing towards the center of the Beam (2a).

Line up the holes in the Mounting Bracket with the Weld Nuts in the Power Beam and secure each H-leg with using four (4) M6x18mm screws (2b).

Note: Use this same step but with the fixed height H-legs in a fixed height application.



3.

Attach Support Rail to Lifting Columns. Flip the Power Beam and H-leg assembly upright. Align each Support Rail over the top each Lifting Column (3a).

Secure each Support Rail to each Lifting Column using four (4) M6x12mm Flat Head Screws per Lifting Column (3b).



4 Secure Multiple Bench Segments.

If ganging together multiple Single or Double Sided Bench Segments, place the Segments upright and end-to-end at the Power Beam End Bracket 4a).

Insert two (2) Carriage Bolts through the diamond shaped cutout, passing through both Bench Segments, and secure each using a M6 Hex Nut (4b).





Install Jumpers/Infeed.

Align Power Harness Outlets with cutouts in the Rail Segment. Feed the infeed through the cutout in the bottom of the appropriate Rail Segment.





Install Jumpers/Infeed.

Once your Infeed is fed through the cutout in the bottom of the appropriate Rail Segment, connect it to the Power Harness (6a).

Connect each end of a Jumper to an end of the Power Harness from both bench segments (6b).

Note: Jumpers only connect in one orientation: arrows on Jumper and Harness will align to indicate proper connection. Ensure the Jumper Plastic Clips are engaging the Harness Clip to prevent disconnection.



7. Install End Plates.

Align an End Plate to the outer ends of the Workbench (7a).

Place the two (2) threaded studs on each End Plate through the two (2) diamond cutouts on each End Bracket of the Power Beam. Secure each End Plate using two (2) M6 Hex Nuts (7b).



8 Attach Perforated Panels to Power Beam.

Secure the appropriately Perforated or Solid Side Panels to both sides of the Power Beam, making sure to locate the cutouts in front of the power duplexes. These panels will secure to the pre-installed magnets on the power beam.



9 Attach Control Box.

Place each Control Box into Support Rail (9a).

Secure each Control Box using two (2) M5 x 35mm Button Head Screws and two (2) M5 Weld Nuts (9b).

Connect the closer of the two Lifting Columns directly to the Control Box and connect the other with a Power Cable. Plug in the Power Supply Cable and plug into the Power Beam.





11. Secure Switch and Coat Hook.

Align each Paddle Switch with pilot holes (11a).

Secure each Paddle Switch using two (2) #8 x 3/4" Phillips Flat Head Screws per Switch (11b).

Align Coat hook with pilot holes (11c).

Secure each Coat hook using two (2) #8 x 3/4" Phillips Flat Head Screws per Hook (11d)."



12.

Secure Wire Managers Clips. Align each Wire Manager Clip with each pilot hole (12a).

Secure each Wire Manager Clip using one (1) #10 x 5/6" Truss Head Screw (12b).



Secure Energy Chain (optional)

13. Secure Energy Chain (optional) If the workbench is height adjustable, secure the each Energy Chain Bracket to both ends of the Energy Chain. Secure one bracket to the pilot holes in the worksurface using two (2) #10 x 5/6" Truss Head Screws (13b) and the other to the underside of the power beam with two (2) M6-1.0 X 12MM Button Head Screws (13b).

Lower Energy Chain onto Energy Chain Brackets (13c).

Secure each Energy Chain Bracket to each end of the Energy Chain using two (2) M6-1.0 X 12MM Button Head Screws (13d & 13e) per Energy Chain Bracket.



Wiring Schematic

120 / 240V 1 ph For 2+2 Use Circuits 1, 3▲, 4 ▲ ONLY For 3+1 Use Circuits 1, 3, 4▲ ONLY

circuit 2 can not be utilized with 120/240V



120 / 208V 3 ph For 2+2 Use Circuits 1, 2, 3▲, 4▲ ONLY For 3+1 Use Circuits 1, 2, 3, 4▲ ONLY



WARNING: Risk of fire or electric shock. This office furnishing system may be connected to more than one source of supply. All sources must be disconnected prior to any servicing. No single circuit may be powered by more than one source.