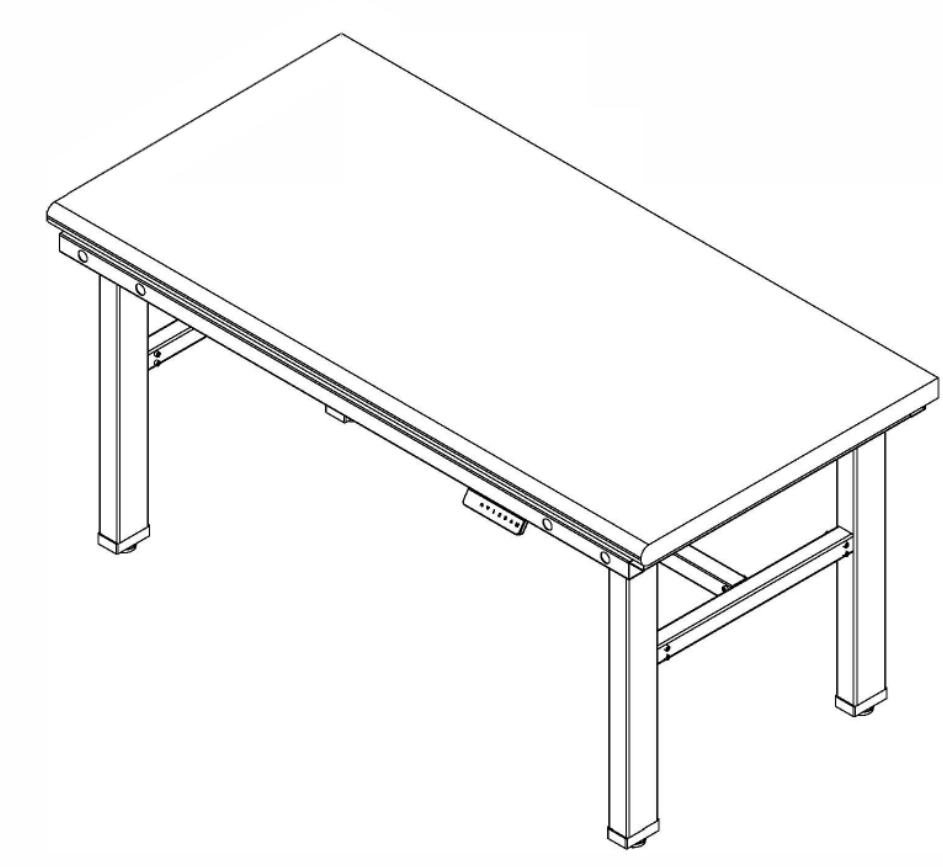
GLOBAL™ INDUSTRIAL

User Manual

800577, 800578, 800579, 800580

HEAVY DUTY ELECTRIC ADJUSTABLE HEIGHT WORKBENCH



IMPORTANT – READ BEFORE USE:
Failure to follow these instructions may result in serious injury or property damage.
Keep this manual for future reference.

GLOBALINDUSTRIAL.COM
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1 SAFETY INFORMATION

WARNING:
Keep hands and fingers clear of pinch points!

- Ensure no obstructions above and below the workbench when lifting/lowering it.
- Ensure that the workbench top is not touching any walls when lifting/lowering it.
- Ensure the cords below the bench top are long enough to accommodate the highest and lowest position of the workbench.
- Keep children away from the workbench. The electrical components may pose a risk of injury and/or electrical shock.
- The electric workbench should only be used in dry work areas. Do not use the workbench in humid environments. Keep all liquids away from the workbench's electrical components.
- Do not sit or stand on the workbench. Avoid crawling underneath or lying underneath the workbench frame.
- Do not place any objects taller than 20" underneath the workbench.
- Do not open any of the electrical components, including, but not limited to, the legs, control box, and switch. They pose a risk of electrical shock.
- This electric height-adjustable workbench has a duty cycle of 10%: 2 min on, 18 min off. To protect the electrical components and extend the life of the workbench, do not operate the height-adjustment function for more than 2 consecutive minutes. Allow the workbench to rest for at least 18 minutes before operating it again.
- If the power cord is unplugged or if there is a power outage, a manual reset may be required. See chapter 5.

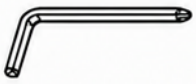
2 PRODUCT SPECIFICATIONS

Model No.	Top Material	Length	Width
800577	Maple	60"	30"
800578		72"	30"
800579	Plastic Laminate	60"	30"
800580		72"	30"

Property	Value
Height Range (without the top)	27.5" - 39.25"
Travel Speed	2"/sec
Weight Capacity	1000 lbs
Duty Cycle	10%
Features	Soft start/stop
	Adjustable leveling studs
	4x Memory presets

3 TOOLS / HARDWARE

Tools required

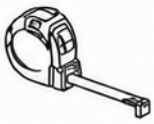


5 mm Allen Wrench (Included)



Phillips-head screwdriver and/or power drill





Tape Measure

Components



x2 P1 Legs



x2 P2 Legs



x2 P3 C-Beam



x1 P4 Cross Beam



x2 P5 Short beam



x2 P6 Short beam



x1 P7 Control Box



x1 P9 Switch



x4 P9 Motor Cord



x1 P10 Power Cord



x4 P11 Foot Plate



x4 P12 Leveling Stud



x6 P13 Connector Bracket



x1 P14 Mounting Bracket

Hardware



H21 x 40 Machine Screws M6x10



H22 x 16 Machine Screws M6x16



H23 x 12 Wood Screws M5x25

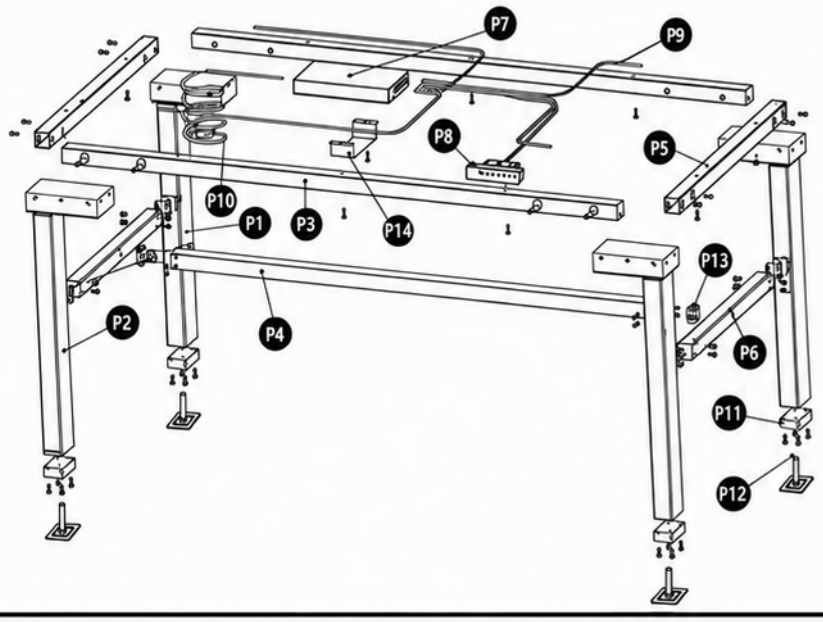


H24 x 2 Wood Screws M4x16



H25 x 16 Cable Clips

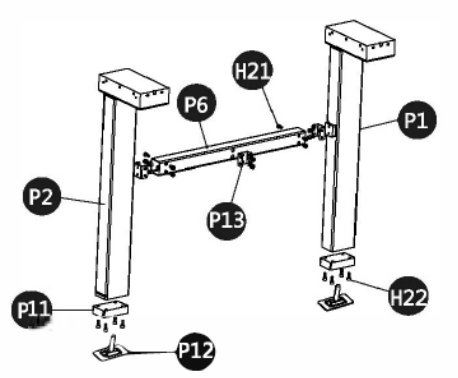
Hardware

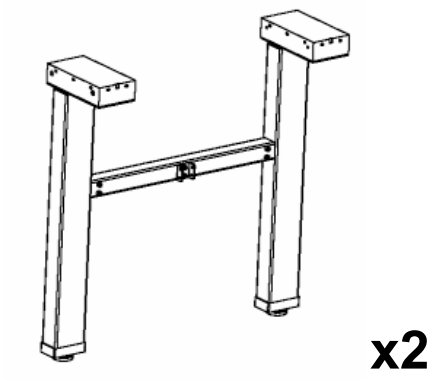


No.	Description	Qty
P1.	Leg	2
P2.	Leg	2
P3.	C-Beam	2
P4.	Cross Beam	1
P5.	Short beam	2
P6.	Short beam	2
P7.	Control Box	1
P8.	Switch	1
P9.	Motor Cord	4
P10.	Power Cord	1
P11.	Foot Plate	4
P12.	Leveling Stud	4
P13.	Connector Bracket	6
P14.	Mounting Bracket	1
H21.	Machine Screws: M6x10	40
H22.	Machine Screws: M6x16	16
H23.	Wood Screws: M5x25	12
H24.	Wood Screws: M4x16	2
H25.	Cable Clips	16

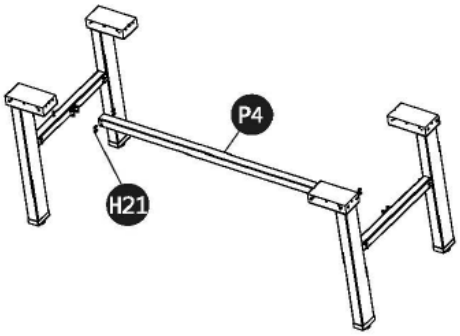
4 ASSEMBLY INSTRUCTIONS

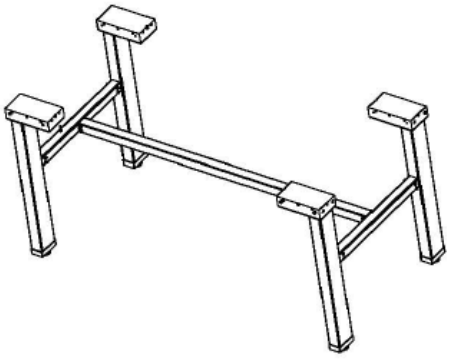
4.1 Assemble the legs.



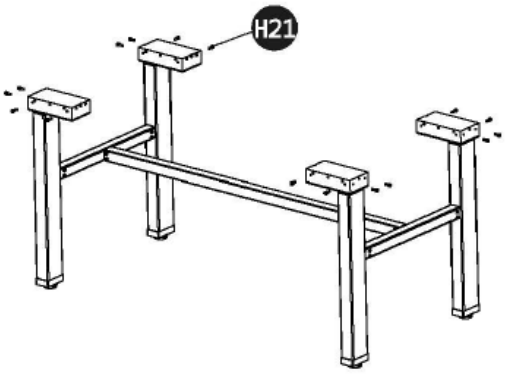


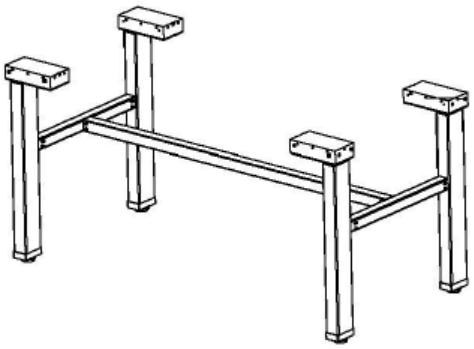
4.2 Connect the two leg assemblies.



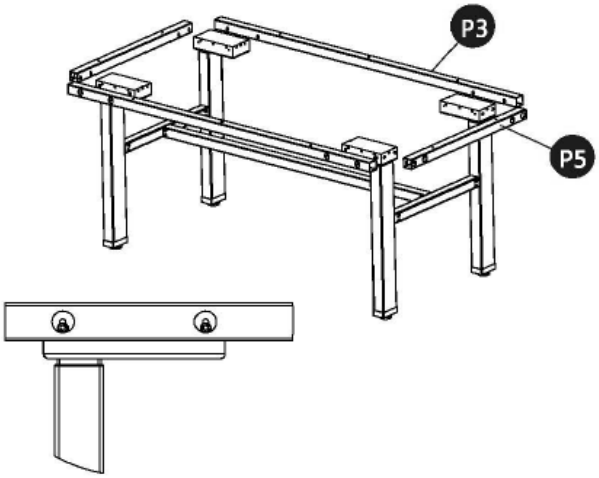


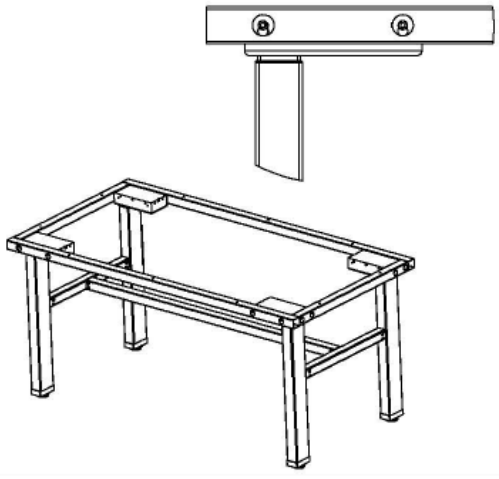
4.3 Install the screws into the four motor housings on the legs.



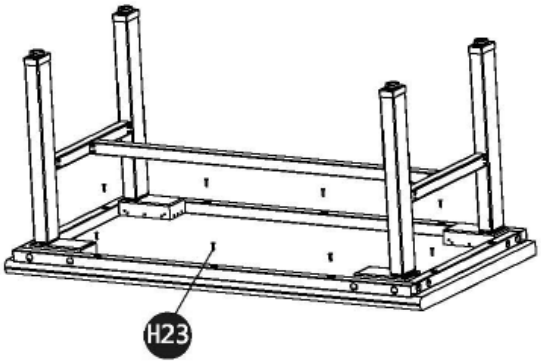


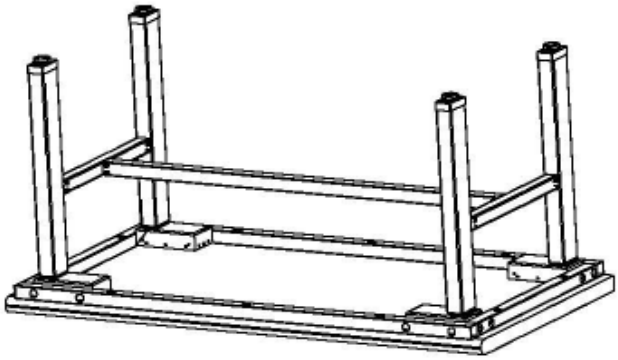
4.4 Attach the stringers and connect the motor housings.



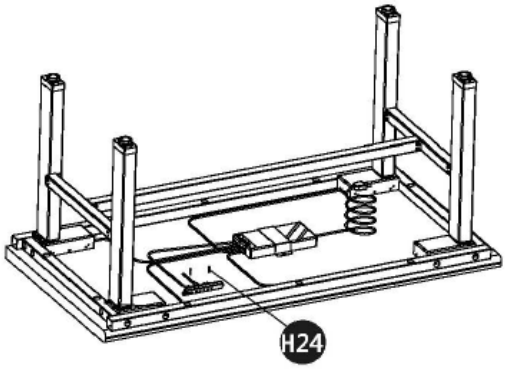


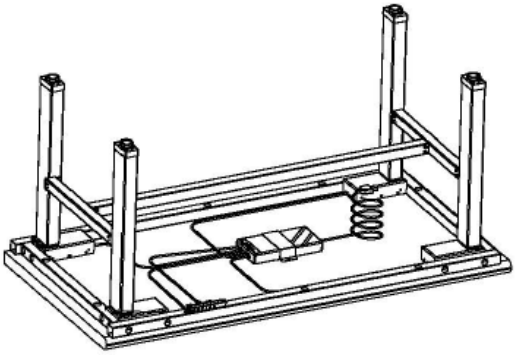
4.5 Turn the frame upside down, then attach it to the top.



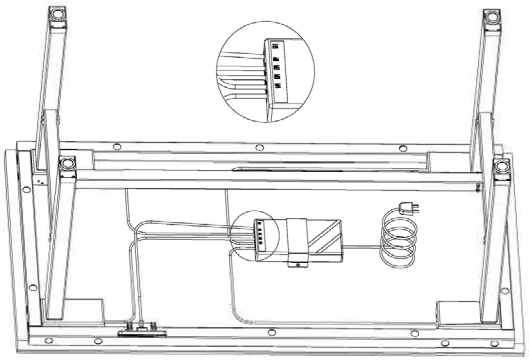


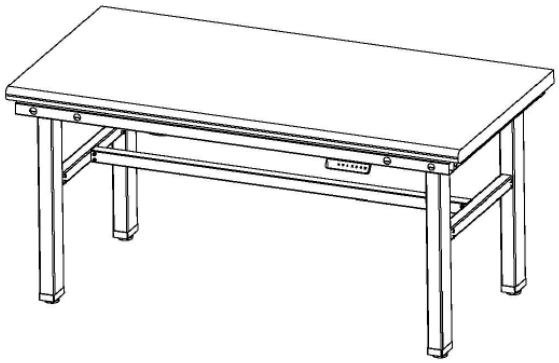
4.6 Install the control box on the underside of the workbench top.
Install the switch along the edge of the workbench top.





4.7 Connect the motor and switch cables to the control box.
Turn the workbench upright and adjust the floor levelers if needed.





4.8 Plug the power cord into a 110V outlet and test the adjustable height function.

WARNING:
The workbench must be reset before using it for the first time! See chapter 5.

Ensure that there are no obstacles in the workbench's path.
Ensure that the sides of the bench top are not against any walls.
Ensure that the wires underneath the workbench top are long enough to accommodate the full range of motion

5 OPERATIONS

MANUAL RESET

1. Press and hold the DOWN button on the Switch (P7) until the workbench reaches its lowest height.
2. Release the DOWN button. Press and hold the DOWN button again until the LED display reads "RES" or about 10 seconds on non-LED handset models.
3. Release the DOWN button. Press and hold the DOWN button again until the workbench lowers a little bit more, slightly rises and stops.
4. Release the DOWN button. The workbench is now ready to be used.

PRESET PROGRAMMING

1. Use the up/down buttons to find a desired height.
2. Press ‘M,’ followed by one of the preset buttons (1-4), to save the desired height.



CAUTION:
Once a preset button is pressed, the workbench will move to the programmed height. Ensure that there are no obstructions above/below the workbench.

See chapter 8 for additional control instructions.

6 TROUBLESHOOTING

- If the workbench is not functioning properly, it may need to be reset. Unplug the power cord for 20 seconds, plug the power cord back in, and follow the MANUAL RESET procedure outlined in chapter 5.
- If the LED readout on the switch displays a "RES" message, perform the manual reset procedure outlined in chapter 5.
- If the LED readout on the switch displays an error message ("E1" - "E60"), confirm that all cable connections are secure (legs to cables, cables to control box). Then perform the manual reset procedure outlined in chapter 5.
- If the error message persists after the reset procedure, contact Global Industrial Customer Service or Technical Support.
- If the height difference between the legs exceeds 1.5 inches, stop the reset procedure immediately and contact Global Industrial Customer Service or Technical Support.
- If the handset displays "HOT," unplug the power cord and let the base cool down for 20 minutes.

7 CONTROLS

Control Panel Instructions



Reset

When powering on for the 1st time, or if the display shows E 10, E20 or E60 hold M for 3 seconds until rES shows on the screen. The desk will reset both legs to the lowest position.

Lifting

Press ^ v to raise and lower the desk

Memory

Press M and then press 1 - 4 to save the current height to memory

Setup Mode

Press M for 3 seconds until S-- flashes on the display. Press M again to enter setup mode.

Use ^ v to scroll through the setup options, pressing M to select one of the following modes:

Un	**Units**	SI Displays height in cm | In displays height in inches
br	**Brightness**	L Low, N Normal or H High screen brightness
bEE	**Beep**	OFF or On
CF	**Collision Force**	OFF, L Light, N Normal or H Heavy collision force detection
SH	**Set Height**	O Original height after RESET | Program H High & L Low height limits
Sn	**Serial Number**	Scrolls in display window
dE	**Demo**	(Mode disabled)

Error Codes

Hot	**Overheat Alert**	Let unit cool down
E02	**Collision / Tilt**	Eliminate cause of collision, tilt or vibration | Press any key to clear | RESET
E 10	**Motor Error**	Check all cables and connections | Power OFF/ON | RESET
E20	**Overload**	Remove heavy objects from desktop | Power OFF/ON | RESET
E31	**Low Voltage**	Power OFF/ON, RESET
E32	**High Voltage**	Power OFF/ON, RESET
E60	**Sync Error**	Check all cables and connections for both motors | Power OFF/ON | RESET

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