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assembly!



## Corner Ryzer (FLT-05)

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Table Lift and Table Top User Manual

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# Caution

## Warning

Please ensure you and each user read this manual carefully and thoroughly prior to use of the associated product. This desk has been designed with an adjustable height range, and improper use or mishandling of this feature may result in both property damage and/or bodily harm. Progressive Desk reserves the right not to accept any responsibility or liability should damages or injuries occur through improper use of this product.



Use indoors only.

Using this product in outdoor and damp environments have a risk of fire, electric shock, and personal injury.



Use a properly grounded 120V outlet.

Unplug the table lift from the electrical outlet before moving the table lift or adding/removing parts or accessories. Risk of electric shock.



Keep plug away from heat. Risk of electric shock.



Do not tamper with table lift components.

Do not open any table lift component or insert any object in a table lift component. Risk of electric shock.



Do not use a damaged cord or plug. Risk of electric shock.



In case of spilled liquids, immediately unplug table lift.

Clean spill with a dry cloth. Risk of table lift failure or electric shock if table lift components become wet.



Keep fingers and body parts clear of moving table lift.

Check surroundings before using the table lift to ensure there are no obstructions in the table lift's range of motion. Ensure cords are all the appropriate length so they do not pull when the table lift moves.



Keep unsupervised children away from the table lift.

Teach children about table lift safety prior to use. Risk of personal injury and electric shock if the table lift is misused.

# Specifications

Specification	Description
<b>Input Voltage</b>	120 VAC, 60 Hz
<b>Force</b>	330 lbs (110 lbs per Leg)
<b>Speed</b>	1.57"/sec
<b>Frame Height</b>	23.6" - 49.1"
<b>Frame Width</b>	42.7" - 72.6"
<b>Foot Length</b>	23.6"
<b>Duty Cycle</b>	10% (2 Minutes On, 18 Minutes Off)
<b>Collision Detection</b>	Yes
<b>Frame Material</b>	Steel
<b>Remote Functions</b>	Program Up to 4 Memory Presets, USB Charging Port
<b>Protection Class</b>	IP51 Legs and IP20 Controller
<b>Unit Weight</b>	97.30 lbs
<b>Certifications</b>	UL (Customizable)
<b>Limited Warranty</b>	15 Years
<b>Operating Noise</b>	<45 dB

Feature	Description
<b>Soft Start and Stop</b>	The table lift will modulate movement when starting and stopping to ensure smooth travel.
<b>Collision Detection</b>	The table lift will stop movement and briefly move in the opposite direction if an obstruction is detected. Refer to Collision Detection Sensitivity in Operations section to configure.
<b>Memory Presets</b>	The wired remote has the ability to save preset height locations for convenience. Refer to Memory Presets in Operations section. <b>Note:</b> Not available in all remote models.
<b>Low Power Mode</b>	Remote LED height display will turn off when left idle for 10 seconds. <b>Note:</b> Not available in all remote models.

# Components



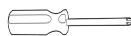
**Important:** The drawings below are for reference only and may be slightly different from the physical product. Please contact us if you have missing or damaged components.

## Tools Included



Allen Wrench

## You'll Also Need



Phillips Head Screwdriver



Electric Drill (optional)

No.	Part	Qty
(1)	(Pre-installed) Rubber Grommet	12
(4)	Side Bracket	3
(7)	Center Rail	4
(10)	Cable Clip	6
(13)	M6x10 Machine Screw	32
(16)	Extension Cable (4 ft.)	2
(19)	Straight Bracket	2
(20)	M5x20 Self Tapping Wood Screw	12

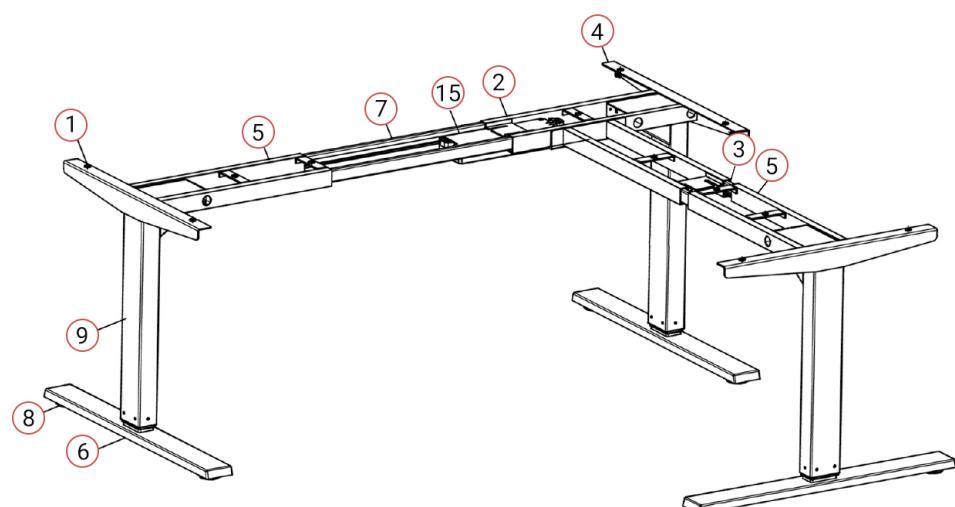
No.	Part	Qty
(2)	Primary Frame	1
(5)	Frame End	2
(8)	(Pre-installed) Foot Leveller	6
(11)	M5x16 Wood Screw	2
(14)	M6x14 Machine Screw	18
(17)	Power Cord	1

No.	Part	Qty
(3)	Secondary Frame	1
(6)	Foot	3
(9)	Leg	3
(12)	M5x20 Wood Screw	12
(15)	Control Box	1
(18)	Remote (may vary based on selection)	1



## Progressive Desk Table Top Hardware

For added convenience, all Progressive Desk table tops are also shipped with compatible mounting hardware.



# Assembly



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**Important:** To avoid damage to your floor and to the products, assemble on a soft and even surface that is free from any obstructions. This can be a carpeted floor, rug or towel. The table top foam panels and cardboard can be used as well.

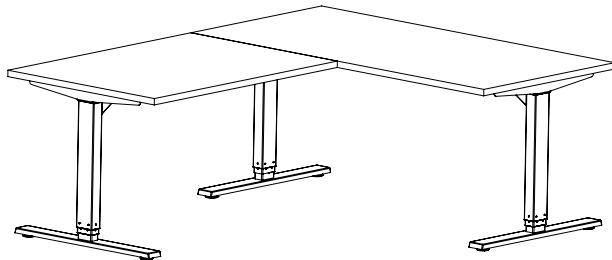
## STEP 1: Determining table lift orientation

The Secondary Frame (3) can be attached to either side of the Primary Frame (2) to achieve your desired orientation. Refer to the 2 orientations below. If attaching a seamless one-piece tabletop, proceed to STEP 10 (page 9).

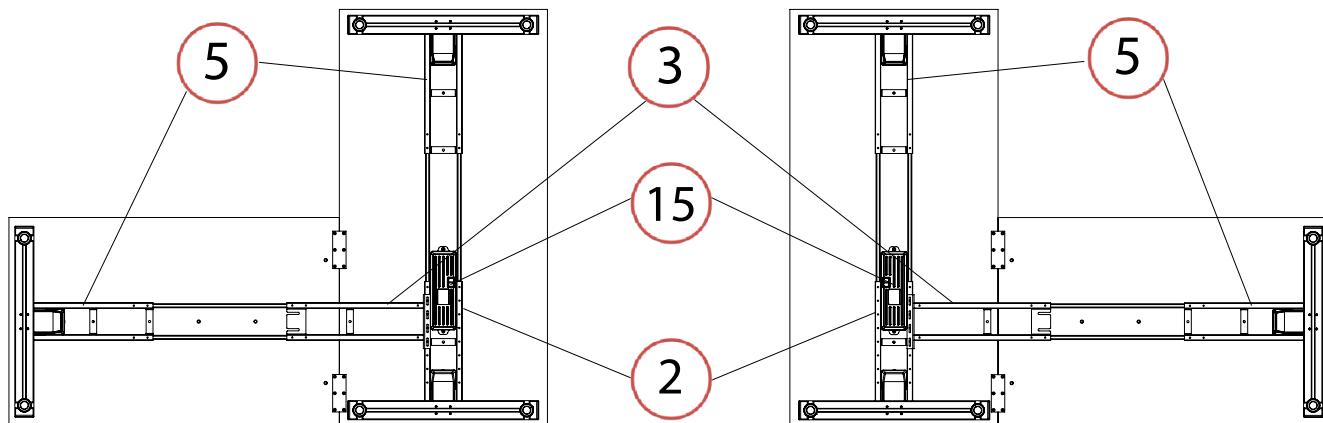
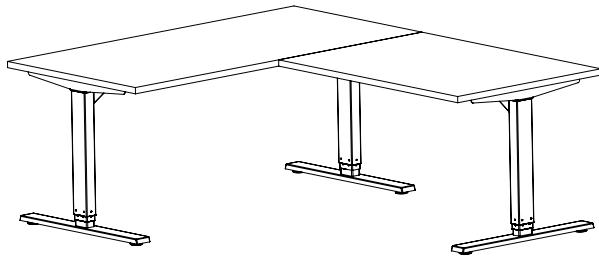
We recommend considering the following when determining the orientation:

- Table top dimensions
- Leg and feet orientation
- Grommet hole location

Orientation A



Orientation B



Bottom View

## STEP 2

On the protected surface of your floor, lay your table top facing down. Orient it according to Step 1. The table lift assembly process can be done directly on the table top surface as if you were building the table lift upside down.

**Note:** Some table tops are reversible. Take care to orient them according to features like pre-drilled holes and grommet holes.



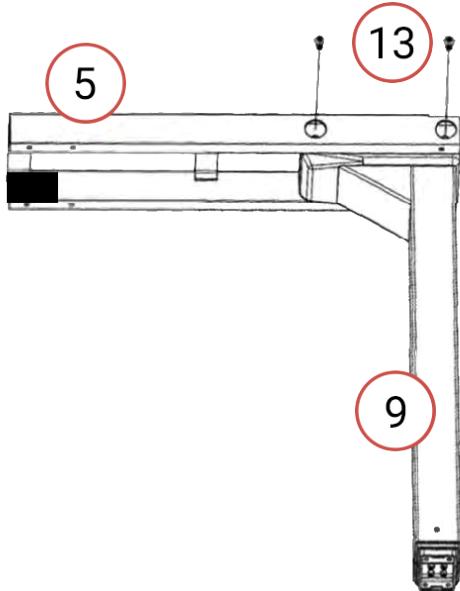
**Important:** Do not slide the table lift components on the table top as this may damage the Rubber Grommets (1) pre-installed on the Frames.

# Assembly

## STEP 3

Use four M6x10 Machine Screws (13) to attach one Frame End (5) to one Leg (9).

Repeat these steps to attach the remaining two Legs (9) to one Frame End (5) and one Primary Frame (2).

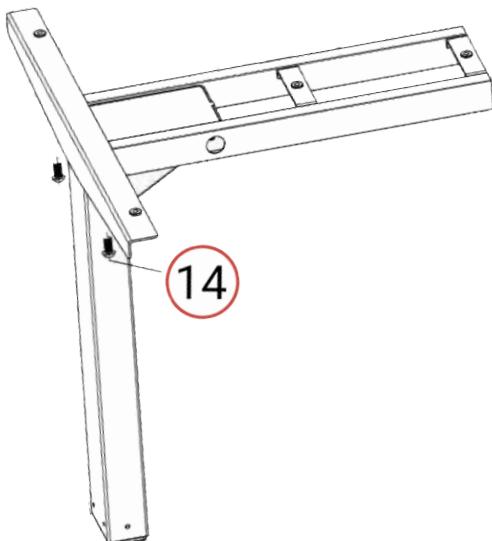


## STEP 4

Slide one Side Bracket (4) onto the Frame End (5) of the subassembly created in Step 3.

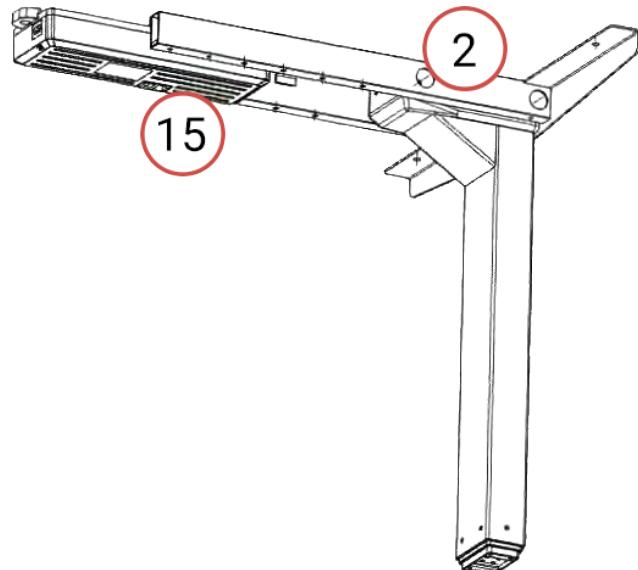
Insert two M6x14 Machine Screws (14) through the two holes at the bottom of the Side Bracket (4) to secure it to the Frame End (5). Tighten the screws.

Repeat these steps for the other 2 subassemblies created in Step 3.



## STEP 5

Install one Control Box (15), by sliding the interlocking slots of the Control Box (15) and Primary Frame (2) together.

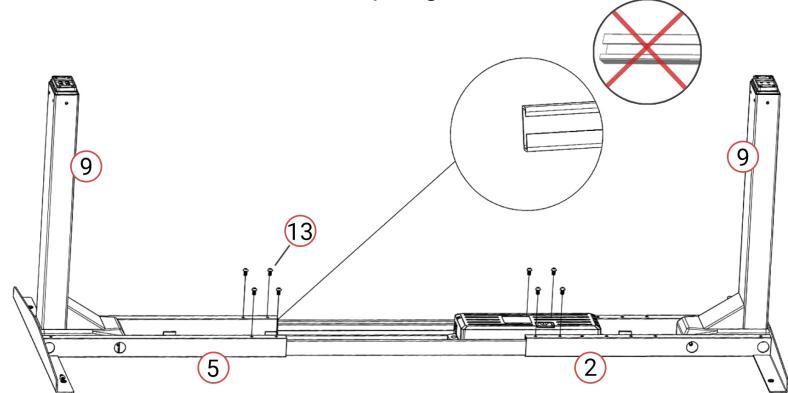


## STEP 6

Slide two Center Rails (7) into the Primary Frame (2) subassembly. Make sure the slots on the two Center Rails (7) are facing each other. The slots on each Center Rail (7) will be closer to one side, see the diagram below for the correct orientation. Installing it in the correct orientation will prevent the Center Rails (7) from being inserted all the way into the frame.

Slide the End Frame (5) subassembly into the opposite end of the two Center Rails (7). Loosely insert eight M6x10 Machine Screws (13) to partially secure the Center Rails (7) onto the frame. This is to allow for adjustments at a later stage.

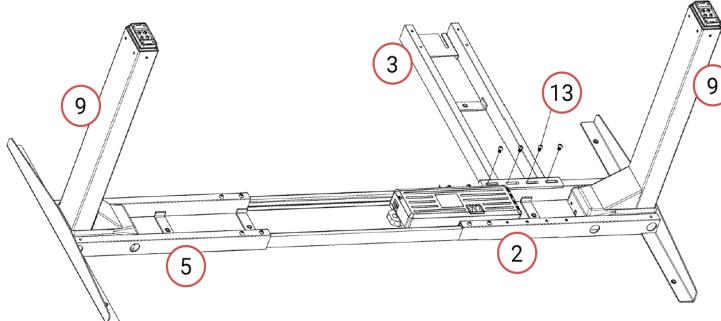
Ensure the slot is facing inward and is closer to the top edge.



# Assembly

## STEP 7

Following the orientation (A or B) selected in step 1, place the completed table lift frame subassemblies on top of your upside-down table top. The image below shows Orientation B as an example.



Orientation (B) shown

When attaching the Secondary Frame (3) to the Primary Frame (2), there are 8 holes to choose from to accommodate different table top size combinations.

To determine which holes to choose:

- Ensure edges of table tops are flush against each other
- Ensure table lift frame is centered on the table tops

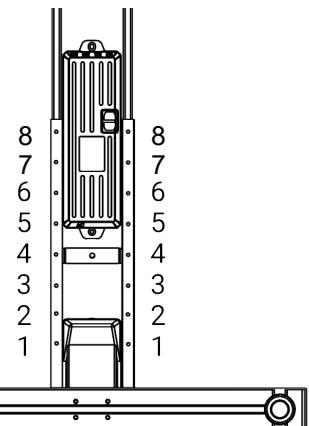
For Progressive Table Tops, follow the list below:

30" Depth table tops: Holes 4 to 7

28" Depth table tops and DT-90: Holes 3 to 6

24" Depth table tops: Holes 2 to 5

Once the holes have been determined, insert four M6x10 Machine Screws (13).

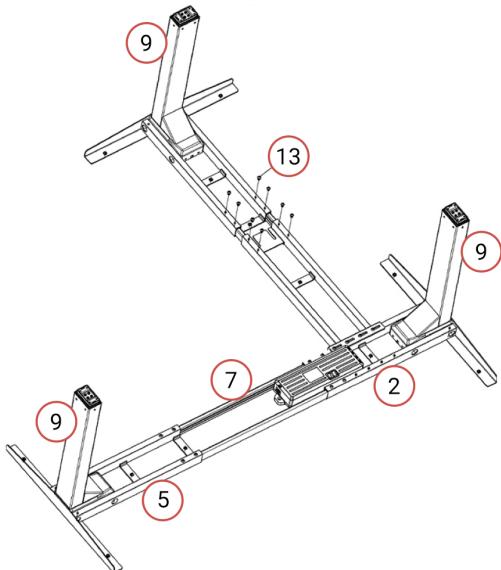


Primary Frame (2) Hole Locations

## STEP 8

Slide two Center Rails (7) into the Secondary Frame (2). Note the Center Rails' (7) orientation as described in Step 6.

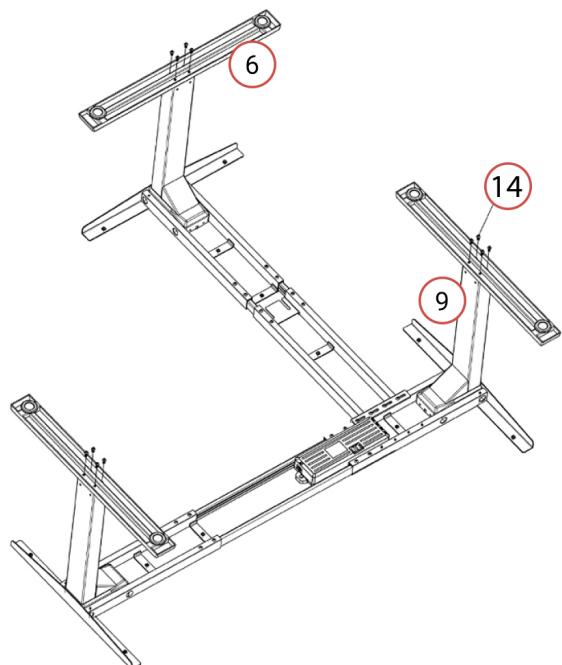
Slide the End Frame (5) subassembly into the opposite end of the Center Rails (7). Loosely insert eight M6x10 Machine Screws (13) to partially secure the Center Rails (7) onto the frame. This is to allow for adjustments at a later stage.



## STEP 9

Install one Foot (6) using four M6x14 Machine Screws (14) onto one Leg (9). Tighten the screws in a criss-cross formation to prevent misalignment.

Repeat these steps for the other two Legs (9).



# Table Top Installation



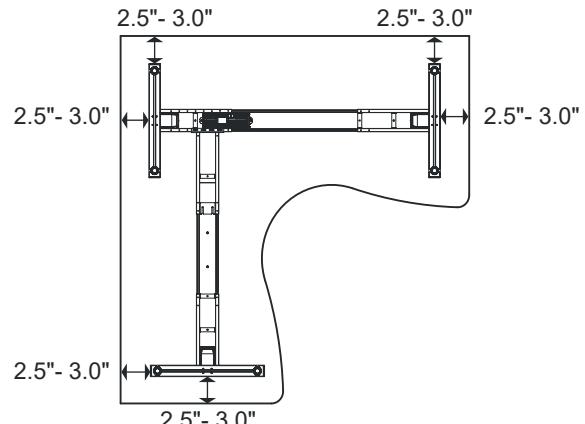
**Important:** Do not slide the table lift components on the table top as this may damage the Rubber Grommets (1) pre-installed on the Frames.

## STEP 10

This step is for table tops without pre-drilled holes. Skip this step if it has pre-drilled holes.

Move the table lift frame components to desired final position on top of the upside-down table top. Use a pencil to mark the twelve table top mounting hole locations. Remove the table lift frame from the table top. To assist in installation of the table top once it is right side up, you will need to create pilot holes. Install M5x20 Wood Screws (12) on the marked locations. Install only 1/4 of screw's length and then remove the screws. Place Progressive Desk DT-90 corner table top in accordance to the suggested dimensions in the diagram for best fitment.

**Optional:** An electric drill with a drill bit may be used to create pilot holes instead of the wood screws.



## STEP 11

**For this step, it is advised that you use two or more people for flipping the table lift right-side up.**

To make the flipping process easier, the Frame End (5) and Center Rails (7) connected to the Secondary Frame (3) will need to be temporarily detached.

To do this, loosen the screws connecting the Center Rails (7) to the Secondary Frame (3). Once loose, detach the entire subassembly.

Flip all of the sub-assemblies right-side up.

## STEP 12

Once upright, reattach the subassembly. Do not fully tighten the screws on the Center Rails (7) to allow for adjustments at a later stage.

## STEP 13

Place the table top on the table lift, in the desired orientation as determined in Step 1.

## STEP 14

Attach the table top onto the table lift using the mounting screws that were provided with the table top until the Rubber Grommets (1) attached to the Side Brackets (4) are slightly compressed but not flattened.

## STEP 15

Review the table top position on the table lift frame. Ensure edges of table tops are flush against each other and table top is centered on table lift frame. Tighten the four M6x10 Machine Screws (13) connecting the Secondary Frame (3) to the Primary Frame (2).

Ensure the Center Rails (7) are at the center of the two adjoining Frame components by sliding them to the appropriate position.

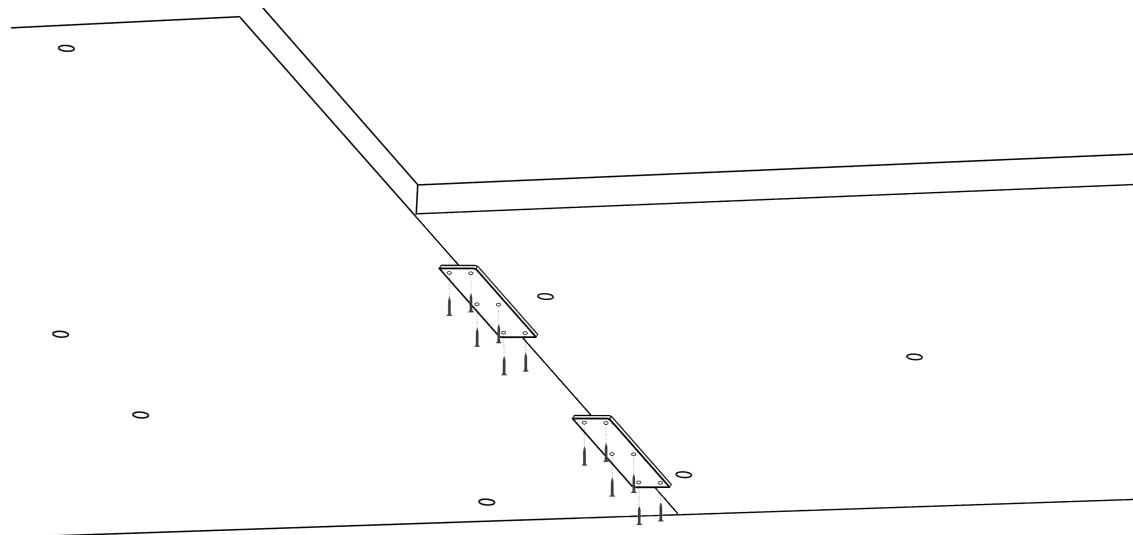
Tighten all twelve screws securing the Center Rails (7) on all Leg (9) subassemblies.

# Table Top Installation

## STEP 16

This step is for two-piece table tops. Skip this step if you have a one-piece table top.

Position two Straight Brackets (19) on the bottom side of the table tops as shown in the diagram. Make sure the counter-sunk holes are facing away from the table top.



Install each of the two Straight Brackets (19) to the table tops using six M5x20 Self Tapping Wood Screws (20). Hand tighten only to prevent damage to the table top.

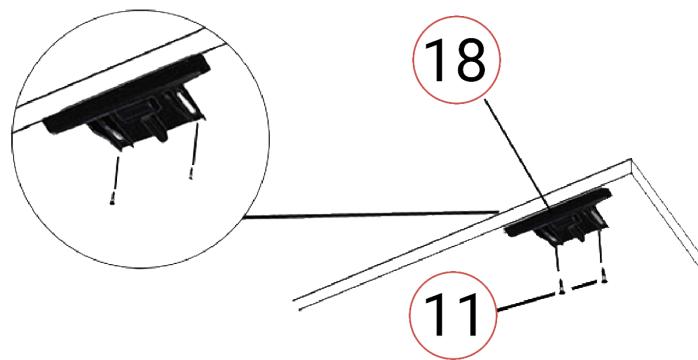
## STEP 17

Identify the desired Remote (18) location, ensuring that the cable is able to reach the Control Box (15).

**Note:** The ideal position is within user's reach and does not impede with the user's legs when leaving the desk.

## STEP 18

Align the Remote (18) with the table top edge. Use two M5x16 Wood Screws (11) to install.



**Optional:** An electric drill may be used to add pilot holes before installing screws.

# Table Top Installation

## STEP 19

Connect the Remote (18) to the HS port of the Control Box (15).

## STEP 20

Connect the cables coming from the three Legs (9) to the Control Box (15) ports M1, M2 and M3 in any order. Use the Extension Cables (16) if necessary.

Plug the Power Cord (17) to the Control Box (15).

Use Cable Clips (10) to affix any loose cables to the table top or table lift frame.

## STEP 21

Once the Corner Ryzer is connected to power, calibrate the system with a Reset Procedure as described in the Operations section.

Move the completed Corner Ryzer to the desired location and adjust the Foot Levellers (8) to achieve a level table top surface.



**Thank you for choosing Progressive Desk!**

If you have any feedback or questions, please contact us - we would love to hear your thoughts.  
Enjoy your healthier and smarter workspace!



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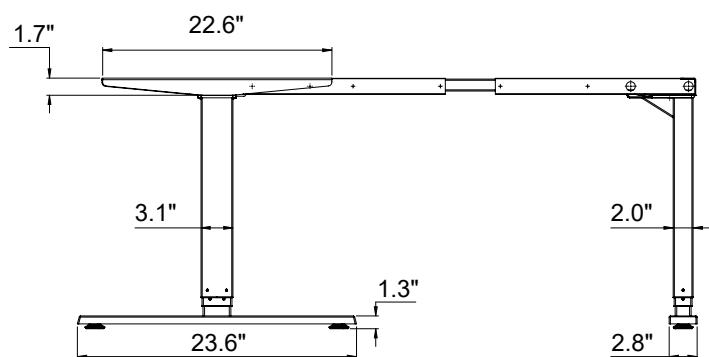
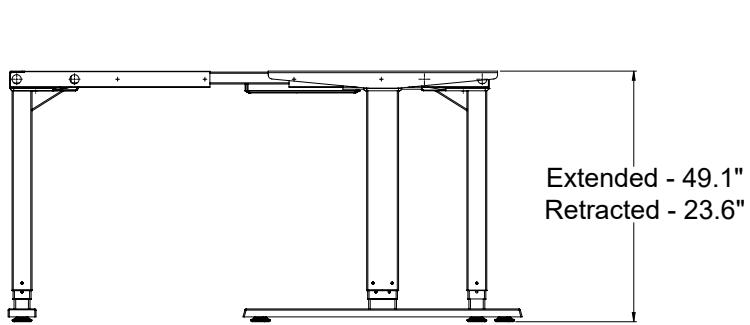
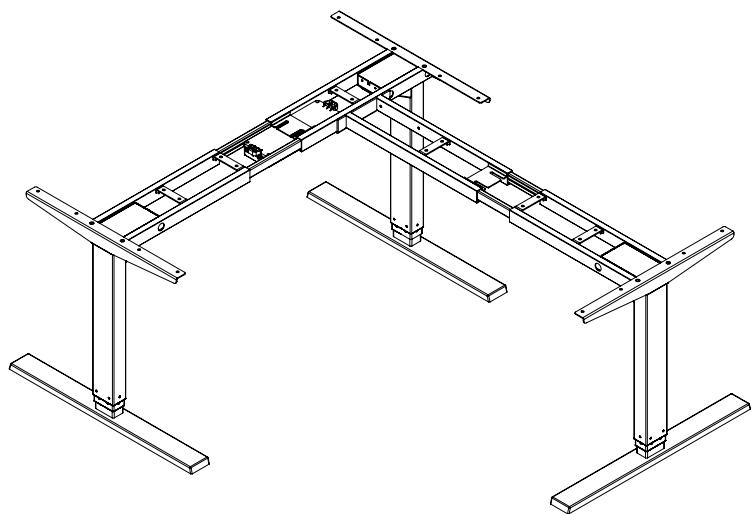
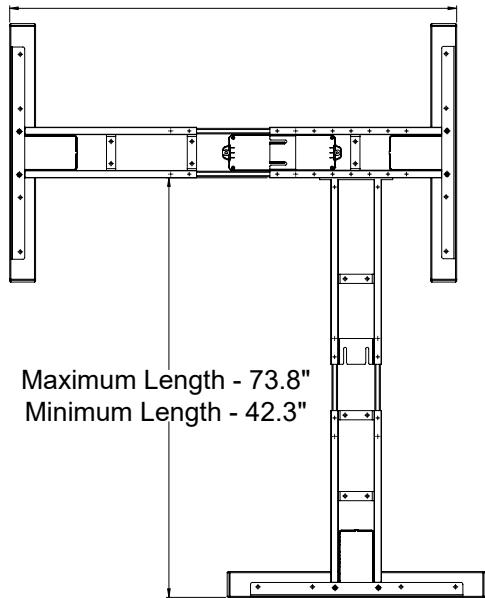
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# Dimensional Drawing

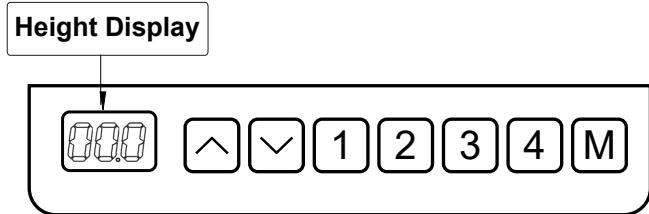
Maximum Width - 72.6"  
Minimum Width - 42.7"



# Operations

## REMOTE BUTTONS

UP	UP - Hold to move table lift up
DOWN	DOWN - Hold to move table lift down
1	Memory Preset 1
2	Memory Preset 5
3	Memory Preset 3
4	Memory Preset 4
M	Memory Preset programming button



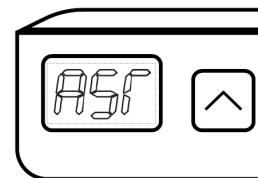
## MEMORY PRESET PROGRAMMING

1. Use the UP or DOWN button to bring the desk to the desired height.
2. Press M button once, followed by the desired Memory Preset button.

## RESET PROCEDURE

**WARNING:** During the Reset Procedure, the table lift will retract 0.28 inches below the lowest normal operating position. Ensure there are not obstructions in the path of the table lift. Release the DOWN button to stop motion at any time.

1. If remote height display shows "ASr", skip to step 4.
2. Move the table lift to the lowest position using DOWN button.
3. Once at the lowest position, press and hold the DOWN button on the remote until height display shows "ASr". Release the DOWN button.
4. Press and hold the DOWN button, the table lift will move down 0.28 inches below the lowest normal operating position. Continue to hold the DOWN button until the table lift moves back up to the lowest normal operating position. Release the DOWN button.
5. The table lift height will be displayed on the remote height display and is now ready for use.



## HEIGHT CALIBRATION

Calibrate the Remote height display to match actual height of desk which may differ depending on feet height or table top thickness.

1. Move the table lift to the lowest position using the DOWN button. Measure the height from the floor to surface of table top. If measured height does not match the height on the remote height display, continue with the following steps.
2. Press and hold the DOWN button until height display shows "ASr". Release the DOWN button.
3. Press and hold the M button until the height display flashes.
4. Use the UP and DOWN buttons to match the height display with your measured height.
5. Once the correct value is displayed, do not touch the remote until the height display flashes "ASr". Hold the DOWN button until the table lift slightly lowers, then slightly rises back up. Release when the table lift height is displayed on the remote.

# Operations

## REMOTE CONTROL LOCK

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### To Lock

Press and hold the M button. The remote height display will show "S-", then it will show the table lift height, and finally it will display "LOC". The remote control buttons are now locked.

### To Unlock

Press and hold the M button until the height display shows the table lift height.

## HEIGHT DISPLAY UNITS (inch or centimeter)

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1. Move the table lift to the lowest position using the DOWN button.
2. Press and hold the DOWN button until the display shows "ASr". Release the DOWN button.
3. Hold the 2 button to select through the options. Release once the display shows the code corresponding to the desired setting.

"10.3" - centimeters

"10.4" - inches

Once the selection is made, "ASr" will show up on the display.

4. Hold the DOWN button until the table lift slightly lowers, then slightly rises back up. Release when the table lift height is displayed on the remote.

## COLLISION DETECTION SENSITIVITY

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1. Move the table lift to the lowest position using the DOWN button.
2. Press and hold the DOWN button until the display shows "ASr". Release the DOWN button.
3. Hold the UP button to select through the options. Release once the display shows the code corresponding to the desired setting.

"10.5" - 22lbs

"10.6" - 33lbs

"10.7" - 55lbs

Once the selection is made, "ASr" will show up on the display.

4. Hold the DOWN button until the table lift slightly lowers, then slightly rises back up. Release when the table lift height is displayed on the remote.

# Operations

## MEMORY PRESET ONE-TOUCH and CONSTANT-TOUCH MODE

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**One-Touch mode** is the default setting. The memory preset button may be pressed once without holding and the table lift will move to the desired height. Any button may be pressed to stop movement.

**Constant-Touch mode** requires you to hold the memory preset button until the desired height is reached. Releasing the memory preset button earlier will make the table lift stop immediately.

1. Move the table lift to the lowest position using the DOWN button.
2. Press and hold the DOWN button until the display shows "ASr". Release the DOWN button.
3. Hold the 1 button to select through the options. Release once the display shows the code corresponding to the desired setting.

"10.1" - One-Touch

"10.2" - Constant-Touch

Once the selection is made, "ASr" will show up on the display.

4. Hold the DOWN button until the table lift slightly lowers, then slightly rises back up. Release when the table lift height is displayed on the remote.

## MINIMUM AND MAXIMUM HEIGHT LIMIT

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### Resetting to Default Minimum and Maximum Height Limit

1. Press the M button once and wait for the display to show "S-".
2. Hold the M button until the display shows "555" and then release.

### Setting Maximum Height Limit

1. Use the UP or DOWN button to bring the desk to the desired maximum height limit.
2. Press the M button once. "S-" will appear on the display screen. Press the UP button once, the "S-" will flash once.
3. Hold the M button until the display shows "999". Release the M button.

### Setting Minimum Height Limit

1. Use the UP or DOWN button to bring the desk to the desired minimum height limit.
2. Press the M button once. "S-" will appear on the display screen. Press the DOWN button once, the "S-" will flash once.
3. Hold the M button until the display shows "000". Release the M button.

# Troubleshooting

Common Problems		
Problem	Description	Solution
Table lift is not level	Connection issue	Disconnect and reconnect all cables (Lifting Column, Control Box, AC Power, and Remote), then initiate the Reset Procedure.
	Weight issue	Ensure weight on table lift is evenly distributed and does not exceed table lift limits, then initiate the Reset Procedure.
Remote height is off	Low Power Mode active	Press any button on the Remote.
	Connection issue	Ensure Remote and Power Cord connection to Control Box is secure and free of damage.
Table lift unresponsive	Travel limits reached	Please refer to Setting Minimum and Maximum Height Limit.
	Connection issue	<ul style="list-style-type: none"> <li>Disconnect and reconnect all cables connected to Control Box.</li> <li>Ensure all cables are secure and free of damage.</li> </ul>
Significantly slow movement	Weight issue	Ensure weight on table lift is evenly distributed and does not exceed table lift limits.
Unusual noise during travel	Weight issue	Ensure weight on table lift is evenly distributed and does not exceed table lift limits.
Table lift stops abruptly	Obstruction	Ensure there are no obstructions affecting the table lift travel path.

Error Codes (Remotes with Height Display)		
Code	Description	Solution
E01 - E04	Power issue or Firmware issue	<ul style="list-style-type: none"> <li>Ensure AC outlet is not faulty.</li> <li>Ensure all parts in the table lift are authentic and compatible.</li> <li>Initiate Reset Procedure to clear the error.</li> </ul>
E07	M1 - Connection issue or Legs are uneven	
E08	M2 - Connection issue or Legs are uneven	
E09	M3 - Connection issue or Legs are uneven	<ul style="list-style-type: none"> <li>Ensure all Legs are securely connected to the Control Box and cables are free of damage.</li> <li>Ensure there are no obstructions affecting the table lift travel path.</li> <li>Ensure weight on table lift is evenly distributed and does not exceed table lift limits. Initiate Reset Procedure to clear the error.</li> </ul>
E10	M4 - Connection issue or Legs are uneven	
H01	Over heat / Duty Cycle protection	<ul style="list-style-type: none"> <li>Allow the system to rest for 18 minutes, then it may be used normally.</li> <li>Follow the Duty Cycle rating listed in Specifications to prevent overheating.</li> </ul>



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