# navigate tables overview (WBH, WJH, YAH)

A Navigate Table consists of two components which are ordered separately:
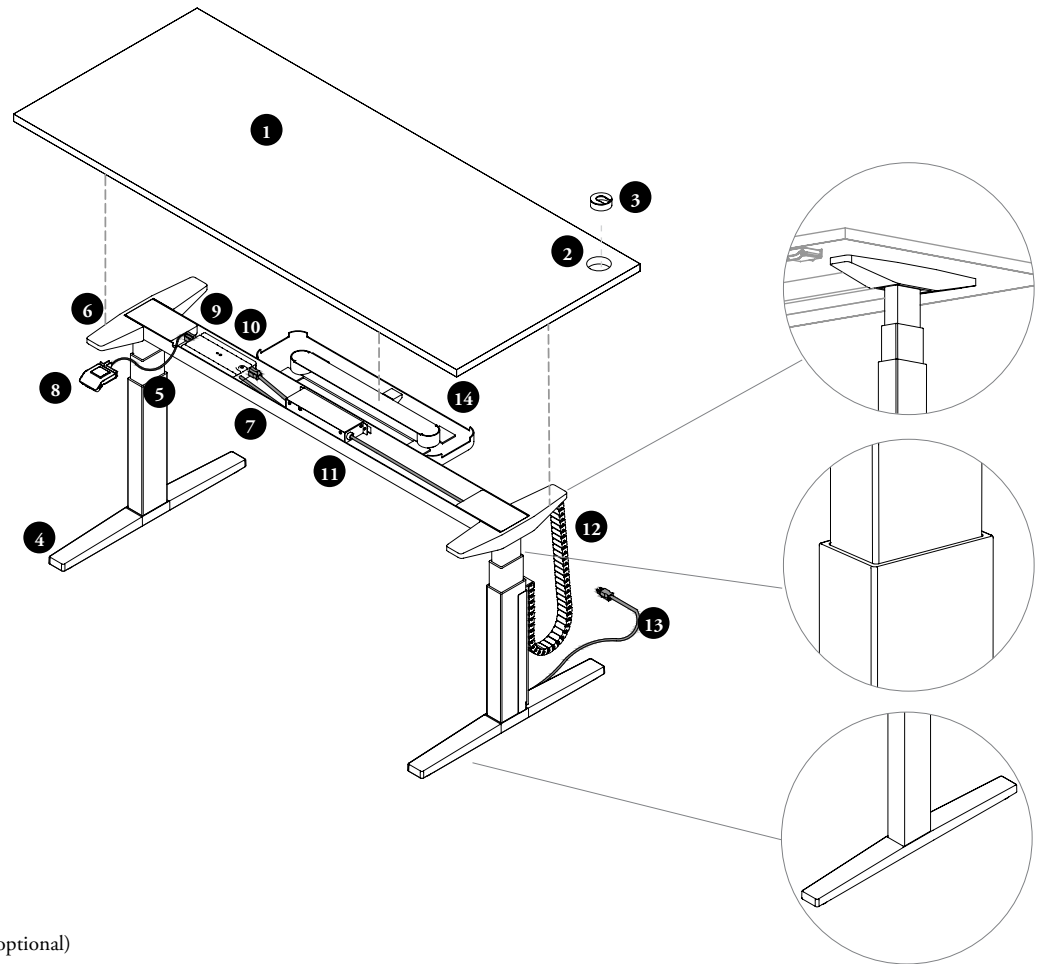- Worksurface
- Base

Height-Adjustable Worksurface for Navigate Rectangular with Radius Corners and Navigate (rectangular and rectangular w/Radius corners) Height-Adjustable Freestanding Table Base Only Key Components



## worksurface

1 Worksurface
2 Cut Out
3 Grommet (order separately)

## base

4 Foot
5 Leg Bezel
6 Worksurface Strut
7 Cross Channel
8 Switch
9 Motor
10 Control Box w/DC Power Output
11 Cross Channel Integrated Powerbar (optional)
12 Vertical Wire Carrier (optional)
13 Power Cord
14 Felt Cover Organizer (optional)

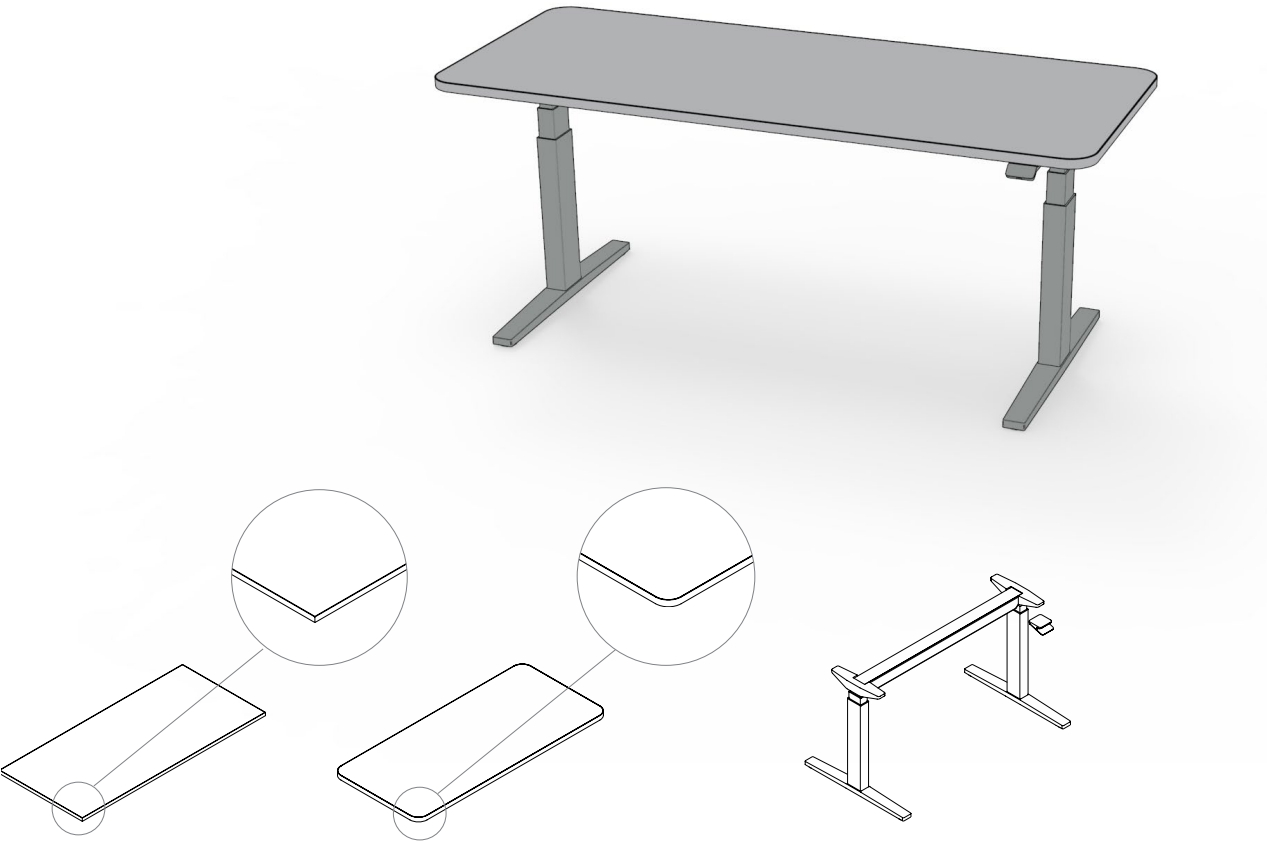# navigate height-adjustable tables basics

Navigate Tables are specified in two steps:

1. Select the desired worksurface

2. Select the base to match the specified worksurface size



**Rectangular Height-Adjustable Worksurface for Navigate (WBH)**

**Rectangular Height-Adjustable Worksurface with Radius Corners for Navigate (WJH)**

**Navigate Height-Adjustable Freestanding Table Base Only (YAH)**

**Worksurfaces are available in two styles**

- Rectangular
- Rectangular with Radius Corners

**Dimension:** All dimensions are actual sizes to allow for proper gapping between worksurfaces, panels, storage, etc.

**Depths:**
23", 29" 35"

**Widths:**
40", 46", 52", 58",64",70",76", 82"

**Cut Out Styles for grommets:**

- Round (2-3/4" diameter)
- Rectangular (Diamond Shaped Cut Out)

**Power and Cable Management Options**

- Under surface cable manager
- Powerbar
- Vertical Wire Carrier

**Navigate Finishes**

- Source Laminate
- Foundation Laminate
- Flintwood
- Natural Veneer

**Base Finishes**

- Foundation
- Foundation, Mica & Accent
- Counterbalance base mechanisms

The Table Base size is determined by the size of the worksurface it is used with

**Depths (to work with worksurface depth)**
23", 29", 35"

**Width (to work with work-surface width)**
40", 46", 52", 58", 64", 70", 76", 82"

**Leg Styles:**

- C Leg (23"deep & 29"deep)
- T Leg (29"deep & 35"deep)

**Base Mechanism**

- Counterbalance Lower Edition (26 1/2"- 43 1/2")
- Counterbalance Standard (29 1/2"- 49 1/2")
- Standard Range Electric (27"- 43")
- Extended Range Electric-Restricted Height (25"- 48 7/10")
- Extended Range Electric-Extended Height (22.6"- 48 7/10")

**Note**
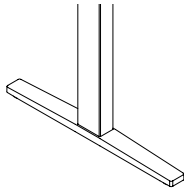46" C-Leg Counterbalance Tables are actually 47"w

# planning with navigate tables

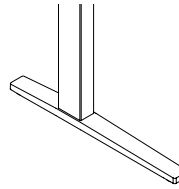The following should be considered when ordering Navigate tables.

## leg styles

Two leg-types are available on Navigate workstation tables.
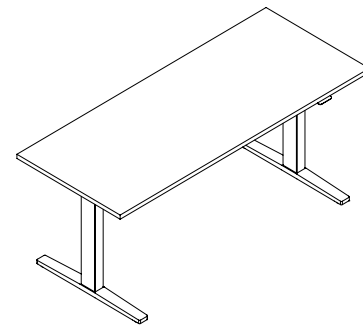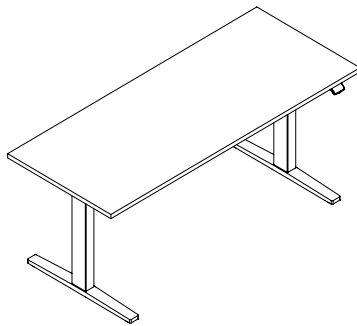- T-leg
- C-Leg

**T-Leg**

**C-Leg**

## height-adjustment types

Two height-adjustment mechanisms are available:
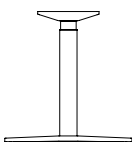- Electric
- Counterbalance

### electric

- Switch with up/down push button (Standard Option) or toggle function

- Display Switch with programmable memory setting push button or toggle activation
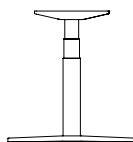
**Base Mechanism Styles Available**

Standard Range Electric -7S (27"-43")
Extended Range Electric - Restricted Height - 9C (25"-48 7/10")
Extended Range Electric - Extended Height - 9E (22.6"-48 7/10")

**Standard Range Electric**

**Extended Range Electric**
- Restricted
- Extended

### counterbalance

- Counterbalance Paddle allows up/down function

- Charging crank handle is stored beneath the worksurface and is only used to add/subtract counterbalance charge for the table. Proper counterbalance charge is essential to maximizing table performance (eight turns = +/-5 lbs)
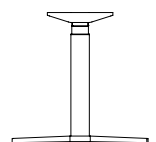
**Base Mechanism Styles Available**

Counterbalance Lower Edition -1X (26 1/2"- 43 1/2")
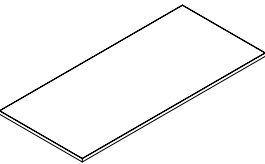Counterbalance Standard -1S (29 1/2"- 49 1/2")
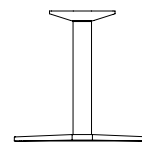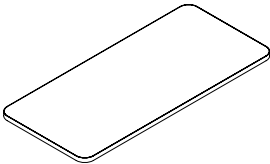
**Counterbalance Standard**

**Counterbalance Lower Edition**

# planning with navigate tables (continued)

The base chosen is based on the worksurface size that has been selected. The following charts outline the available counterbalance and electric base mechanisms, height ranges and leg styles available.



**Rectangular Height- Adjustable Worksurface for Navigate**



**Rectangular Height-Adjustable Worksurface with Radius Corners for Navigate**

## worksurface depth

| Capacity | Worksurface Depth | | |
|---|---|---|---|
| | 23 | 29 | 35 |
| (1X) Counterbalance Lower Edition (26 1/2"-43 1/2") | C | C, T | - |
| (1S) Counterbalance Standard (29 1/2"-49 1/2") | C | C, T | - |
| (7S) Standard Range Electric (27"-43") | C | C, T | T |
| (9C) Extended Range Electric-Restricted Height (25"-48 7/10") | C | C, T | T |
| (9E) Extended Range Electric-Extended Height (22 3/5"-48 7/10") | C | C, T | T |

C - C-Leg
T - T-Leg

## worksurface width

| Base Mechanism | Worksurface Width | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 40 | 46 | 52 | 58 | 64 | 70 | 76 | 82 |
| (1X) Counterbalance Lower Edition (26 1/2"-43 1/2") | - | C*, T** | C, T | C, T | C, T | C, T | - | - |
| (1X) Counterbalance Standard (29 1/2"-49 1/2") | - | C*, T** | C, T | C, T | C, T | C, T | - | - |
| (7S) Standard Range Electric (27"-43") | C, T | C, T | C, T | C, T | C, T | C, T | C, T | C, T |
| (9C) Extended Range Electric-Restricted Height (25"-48 7/10") | C, T | C, T | C, T | C, T | C, T | C, T | C, T | C, T |
| (9E) Extended Range Electric-Extended Height (22.6"-48 7/10") | C, T | C, T | C, T | C, T | C, T | C, T | C, T | C, T |

* This worksurface has actual width of 47"

** This combination is not available for Rectangular Height-Adjustable Worksurface with Radius Corner. This Table has an actual width of 47".

# planning with navigate tables (continued)

Navigate cut outs provide easy and aesthetically pleasing pass-through wire management beneath a worksurface.
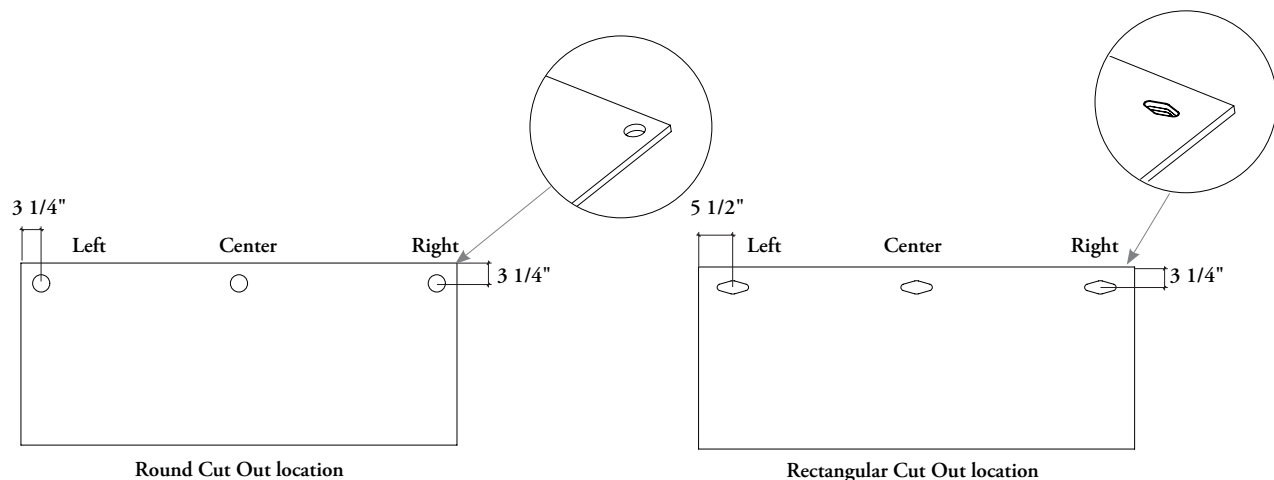
## cut outs

**Cut Out Options**
• Centered

• Left

• Right

• Left & Right

• Center & Left

• Center & Right

• Center, Left & Right

**Cut Out Style**
• Round (2 3/4" diameter)

• Rectangular (Diamond shaped cut out)

Cut Outs will always be 3 1/4" from the back edge of the desk.
For Round Cut Outs, center locations will be centered to the worksurface, and left or right locations will be 3 1/4" from the rear edge to center of cut out. For Rectangular Cut Outs, center locations will be centered to the worksurface, and left or right locations will be 5 1/2" from the side edge of worksurface.



Round Cut Out location



Rectangular Cut Out location

## grommets (optional)

Grommets (YEDG, YEEG) must be specified separately.

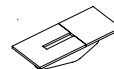Diecast Grommet (YEDG): To be ordered
with Round Cut Out Selection (G)

Rectangular Grommet (YEEG): To be ordered
with Rectangular Cut Out Selection (R)



Round          Square



Rectangular

**Note:**
If no grommet is required
  - Cut out style None(N) must be specified
  - Cut out location None (N) must be specified
  - When Round (G) or Rectangular (R) cut out style is selected, cut out location None (N) **cannot** be selected

# planning with navigate tables (continued)

## space dimensioning for counterbalance bases

The available knee space will vary depending on the depth and width of the Navigate worksurface.
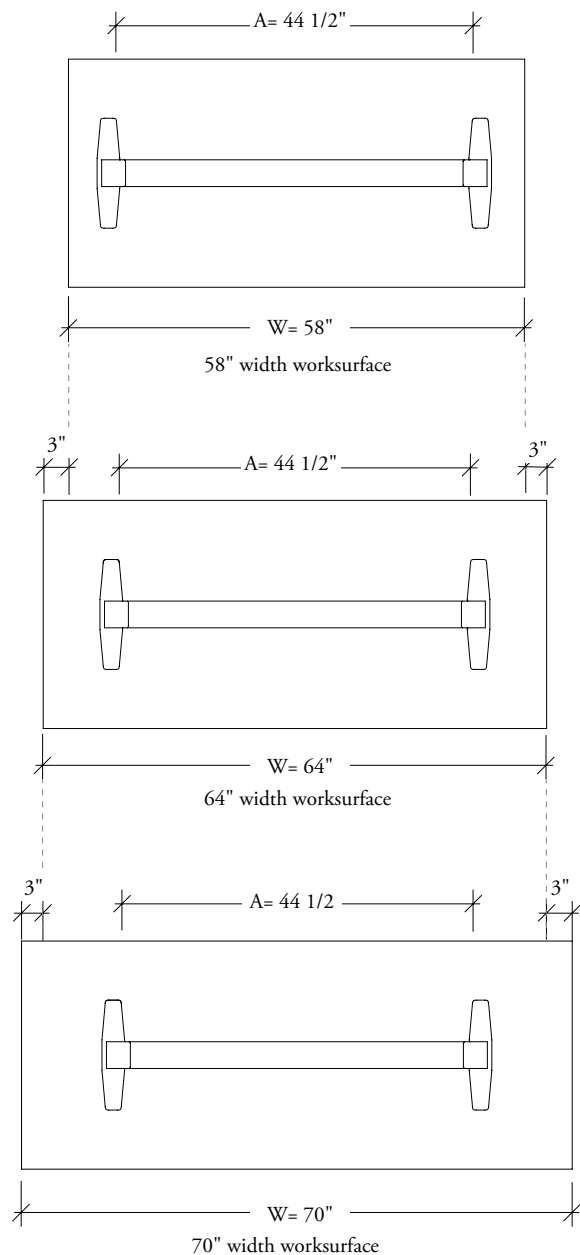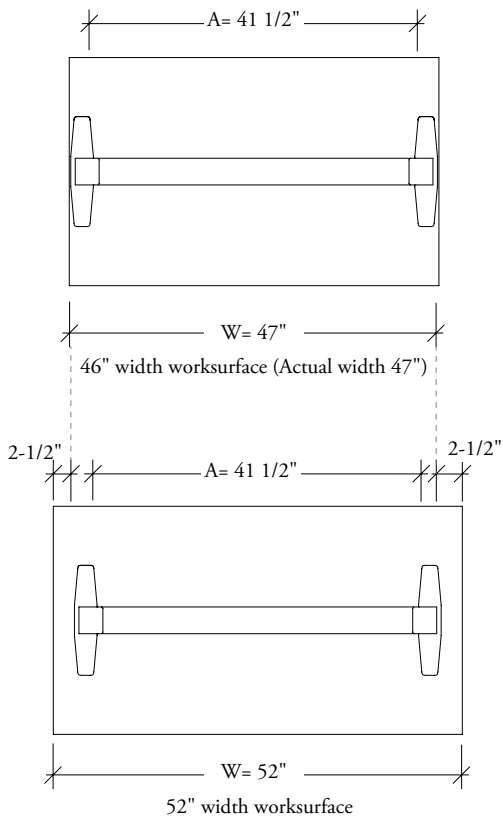
Two base sizes are used for counterbalance mechanism, one for 46" and 52" worksurfaces and another for 58" 64" and 70" worksurfaces.

The worksurface size increases but the base size remains the same.

The following images outlines the distance between two struts for each base width.

A= Distance between two struts
W= Worksurface Width



A= 41 1/2"
W= 47"
46" width worksurface (Actual width 47")

A= 44 1/2"
W= 58"
58" width worksurface

2-1/2"    A= 41 1/2"    2-1/2"
W= 52"
52" width worksurface

3"    A= 44 1/2"    3"
W= 64"
64" width worksurface

3"    A= 44 1/2    3"
W= 70"
70" width worksurface

# planning with navigate tables (continued)

## space dimensioning for electric bases

The available knee space will vary depending on the depth and width of the Navigate worksurface.

The following chart outlines the distance between two struts/legs for each table width.
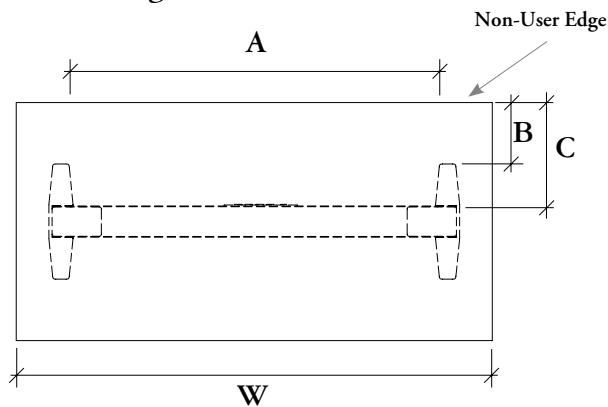
A= Distance between two struts, which increases as the table width increases.
B= Distance between Strut end to Non-User Edge of Worksurface
C= Distance between Cross Channel to Non-User Edge of Worksurface Edge
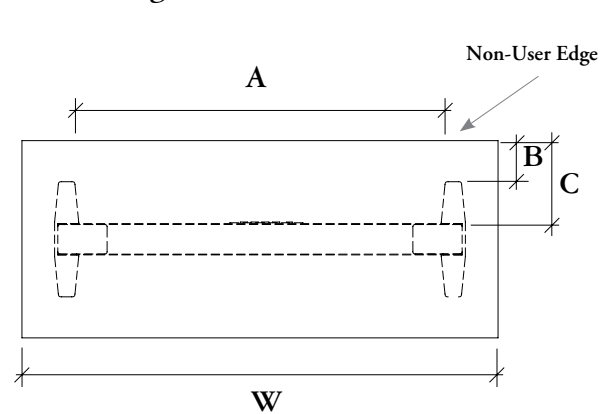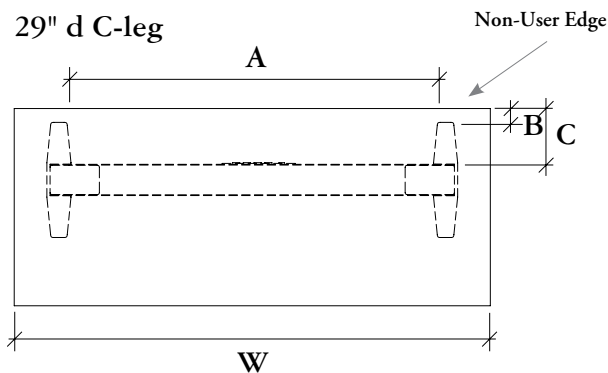W= Worksurface Width

### 35" d T-leg



As worksurface width W increases to next size (+6"), A increases 6".
B & C remains constant for all 35"d T-Leg Tables.

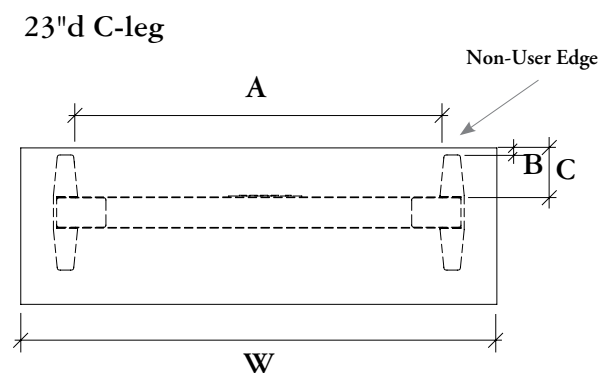| W | A | B | C |
|---|---|---|---|
| 40" | 23 1/4" | 9" | 15 1/4" |

### 29"d T-leg



As worksurface width W increases to next size (+6"), A increases 6".
B & C remains constant for all 29"d T-Leg Tables.

| W | A | B | C |
|---|---|---|---|
| 40" | 23 1/4" | 6" | 12 1/4" |

### 29" d C-leg



As worksurface width W increases to next size (+6"), A increases 6".
B & C remains constant for all 29"d C-Leg Tables.

| W | A | B | C |
|---|---|---|---|
| 40" | 23 1/4" | 2" | 8 1/4" |

### 23"d C-leg
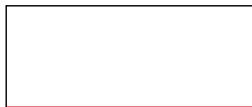


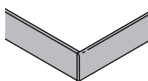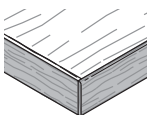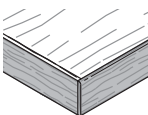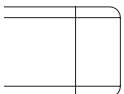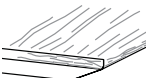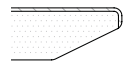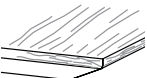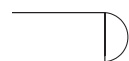As worksurface width W increases to next size (+6"), A increases 6".
B & C remains constant for all 23"d C-Leg Tables.

| W | A | B | C |
|---|---|---|---|
| 40" | 23 1/4" | 1" | 7 1/4" |

# navigate tables edge trim styles

### edge trim style

All edge finishes will automatically default to match the surface finish selected with the exception of Foundation Laminate, which requires that an edge trim color be chosen.

The chart below indicates which edge trim styles can be combined with height-adjustable tables surface finishes.

**All edge trim style**

**User edge trim style**

| | Foundation Laminate Surface | Flintwood Surface | Natural Veneer Surface | Non-User Edge |
|---|---|---|---|---|
| **Flat (8)** All Edges | | n/a | n/a | n/a |
| **Flat (9)** All Edges | n/a | | | n/a |
| **Flat (G)** All Edges | n/a | n/a | | n/a |
| **Full Knife (H)** | | | n/a | Finished in a Flat Trim |
| **Straight Trim (6)** All Edges | | n/a | n/a | n/a |
| **Bullnose Trim (2)** User Edge | | n/a | n/a | Finished in a coordinating Flat Trim |

# navigate tables switches

## navigate tables with counterbalance base mechanism

For Navigate Tables with a Counterbalance base, a Counterbalance Paddle is available.
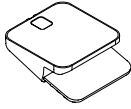
**Counterbalance Paddle (C)**

• Basic Up/Down Function

## switch finishes for navigate tables with counterbalance base

• Counterbalance Paddle: Platinum Coordinate

## navigate tables with electric base mechanism

For Navigate Tables with an electric base, there four types of switches are available.

1. Standard Up/Down

2. Display with Up/Down Memory

3. Toggle Up/Down

4. Display Toggle with Memory and Navigate GPS

**Standard up/down (S)**

• Basic Up/Down Function
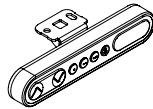
**Display with up/down memory (D)**

• Basic Up/Down Function

• Display

• Four programmable memory settings

• Error Code Read-Out
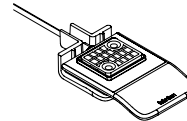
**Toggle up/down (T)**

• Basic Up/Down Function

• Soft touch material

• Contoured shape for ease of use
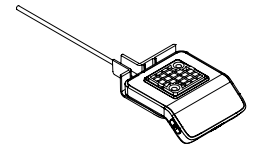
**Display toggle with memory and Navigate GPS (X)**

• Large Display

• 4 Programmable Memory Settings

• Navigate GPS: Teknion's Sit/Stand Guidance and Reminders Aid

• Teknion Sit/Stand Reminders Aid

• Soft touch material

• Can be reprogrammed using Teknion Switch Configuration software

• Error Code Read-Out with QR Code

## switch finishes for navigate tables with electric base mechanism

• Standard Up/Down: Ebony Coordinate

• Display with Up/Down Memory: Ebony Coordinate

• Toggle Up/Down: Anthracite, Platinum, Crisp Grey

• Display Toggle with Memory and Navigate GPS: Anthracite, Platinum, Crisp Grey

# navigate tables switches (continued)

### navigate tables with counterbalance base mechanism

• Available with right handed position only
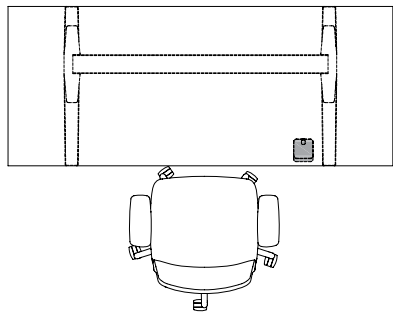
### navigate tables with electric base mechanism

• Available with left and right handed position
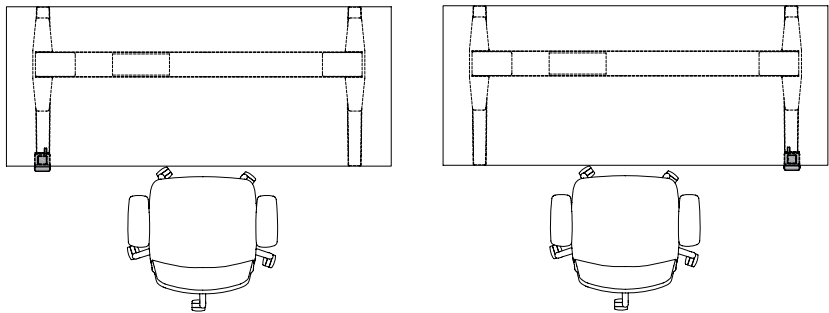
### switch position under worksurface

| Switch Style | Knife Edge | Flat Edge | Eased Edge | Bullnose Edge |
|---|---|---|---|---|
| Display Toggle with Memory and Navigate GPS | | | | |
| Toggle Up/Down | | | | |
| Standard Up/Down Display with Up/Down Memory | | | | |
| Counterbalance Paddle | | | | |

**Note:**

Note: Display switches include the ability to change units from metric/imperial and the display height to reflect the actual height once installed.

# grain direction/user edge

**Grain direction is an important factor when planning adjacent desks. The direction of grain pattern varies depending on the type of desk specified.**

- Shading indicates user edge

- Worksurface Corner Profiles and shapes are for demonstration only. Please refer to specific product information for accurate profiles and shapes
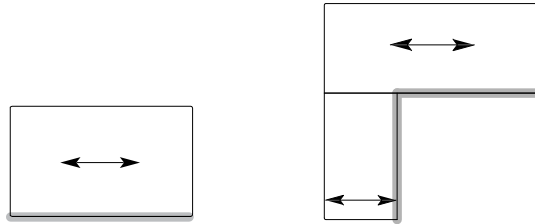
**Rectangular Table
(WBH, WJH, YRH)**

**Extended Corner
(YJH)**

# planning with height-adjustable tables

**Height-adjustable tables require special dimensional considerations. The following outlines the common planning recommendations and restrictions for Navigate Height-Adjustable Freestanding Table, Extended Corner Complete Table, Meeting Table, Complement Height-Adjustable Table, hiSpace table and Quick Shift Table.**

## table dimensions

• All worksurfaces must have a 1" clearance around the sides and back for safety reasons

## planning with overheads

• When planning with sit/stand height-adjustable tables, careful consideration must be taken when positioning the table beneath overhead storage. A clearance of at least 3" must be maintained between the bottom of overhead storage pieces and the maximum height of the table worksurface
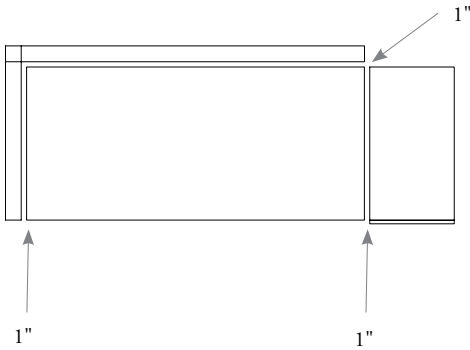
• Care should be exercised on placement of accessories on the worksurface
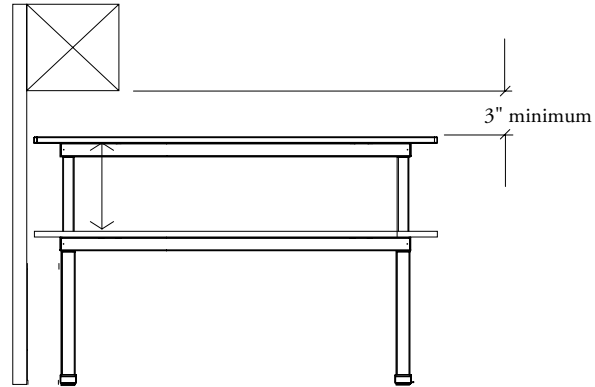


Power bars for Navigate Height-Adjustable Table **cannot** be daisy chained.

## collision detection

Collision Detection is a standard feature on all Navigate Height-Adjustable Bases and Tables.

The Collision Detection system detects when the table collides with an object in the up or down direction that substantially impedes the movement of the table. Once a detection is made, the table will stop, reverse direction by 1", display an error code on the control panel, and lock out all adjustment for a minimum of 3 seconds.

The detection works by continually comparing the overall power draw of the table when making height-adjustments; in the event of an inconsistent power draw between the table legs, the Collision Detection's features activate.

# navigate tables electrics & wire management accessories overview

**A number of Navigate and Complements power and wire management components are available for use with the Navigate table.**

### integrated

1 Powerbar
2 Undersurface Cable Management
3 Vertical Wire Carrier

**Powerbar Options**
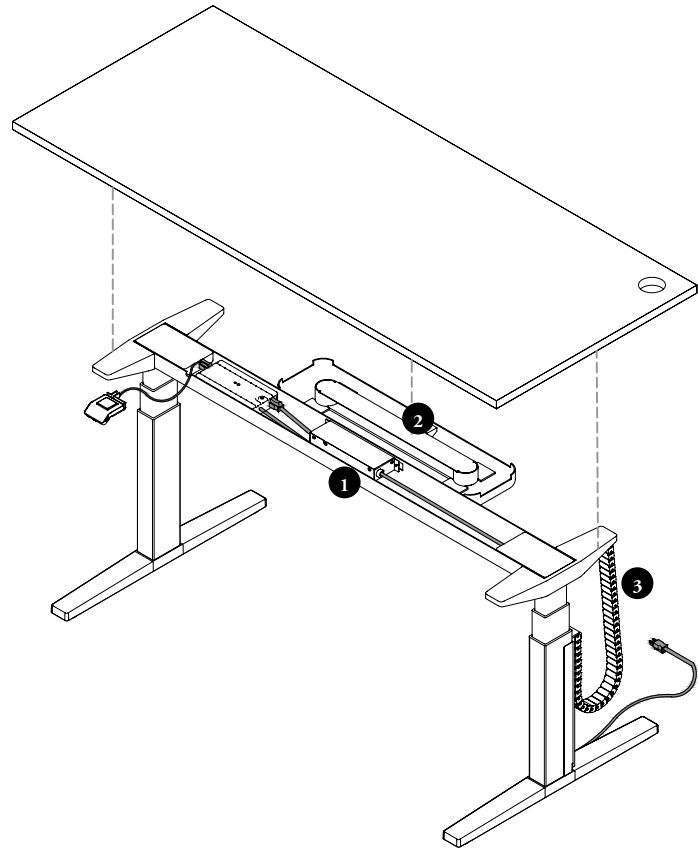
E External Powerbar
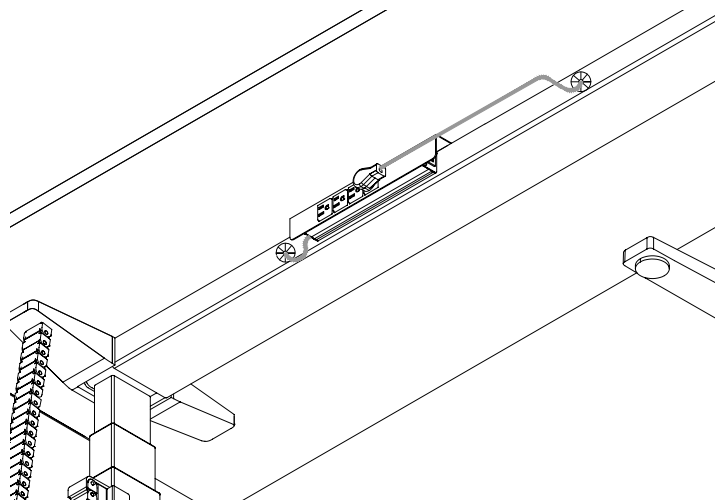I Cross Channel Integrated Powerbar

**Undersurface Cable Management Options**

N None
1 Cable Organizer with Felt Cover
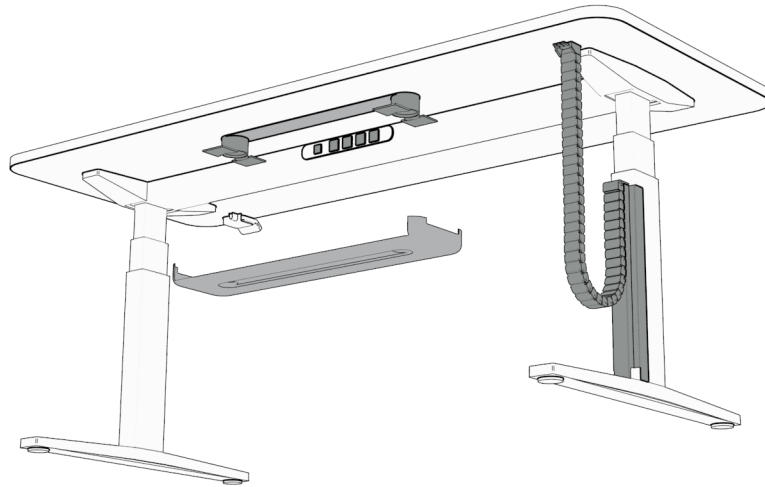3 Dual Plastic Trays + Powerbar
4 Dual Plastic Trays

### external

# navigate tables electrics & wire management accessories basics



**Cannot** daisy chain with Height-Adjustable Navigate Table electrics and wire management accessories.
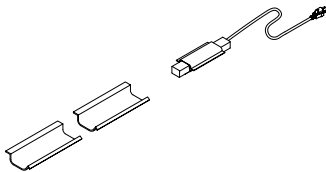


**Plastic Tray Cable Management (YEYS)**

• Provides a path for cable management under the worksurface

• Available in two options:
  - Dual Plastic Trays
  - Dual Plastic Trays with Powerbar

• Tray Size: 10"w x 4 3/4"d x 1 1/2"h

• Powerbar: 12"w x 1 1/4"d x 2"h

• Compatible with 23"d, 29"d and 35"d tables

• Also sold separately, see *Electrics* section for details
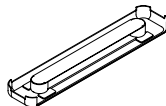


**Complements Felt Cover Cable Organizer (YEYA)**

• Provides a unique and residential solution for cable management under the worksurface

• Available in two configurations
  - Small Cable organizer with felt cover
  - Large Cable Organizer with felt cover

• Felt Cover size:
  -Small: 28"w x 6"d
  -Large: 28"w x 7 1/2"d

• Cable Organizer size:
  -Small: 23"w x 4 1/2"d
  -Large: 23"w X 6"d

• Compatible with worksurfaces with 46"w to 82"w in 6" increments

• Compatible with 29"d and 35"d T-Leg Tables

• Three Velcro straps are included for wire management

• Finish: Grey Felt with Anthracite mounting brackets

• Also sold separately, see *Electrics* section for details
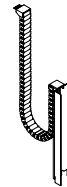


**Complements Vertical Wire Carrier (YEEE)**

• Finish: Ebony Coordinate, Platinum Coordinate and Very White Coordinate

• Also sold separately, see *Electrics* section for details

# planning with navigate tables electrics & wire management accessories

## base integrated powerbar options

The following options are available for base integrated power below the worksurface. Each can be specified as an option on the Navigate Height-Adjustable Freestanding Table Base.
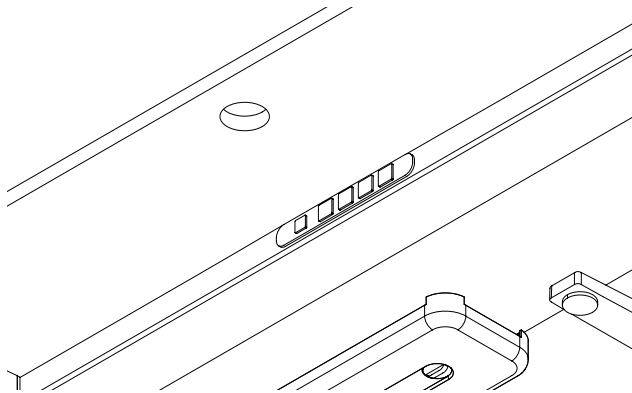


**No Electrics (option)**

• When no electrics are specified, a cover will be in place where electrics can be added

• Electrics can be added in the future
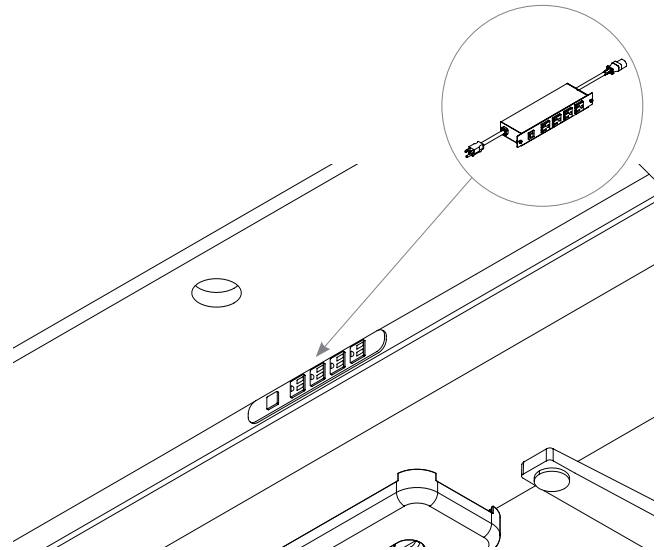


**Cross Channel Integrated Powerbar 52"-82" wide tables (optional)**

• Mounts inside the Cross Channel

• 4 Outlets + 1 internal cord that continues power through to the control box

• Available in table widths 52"-82"
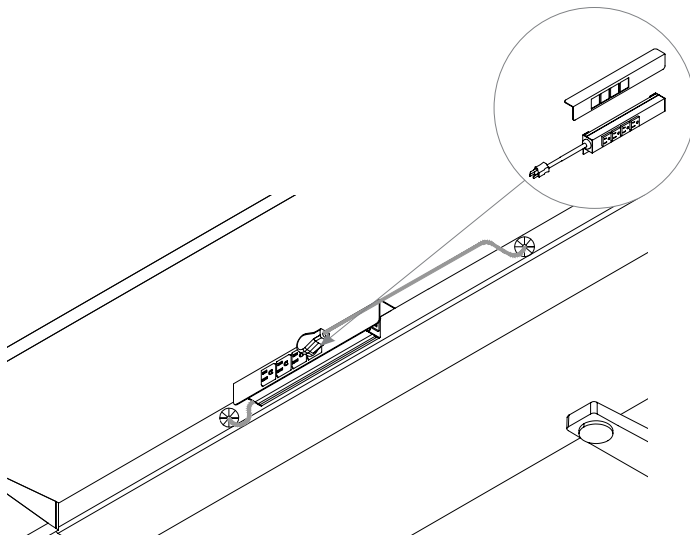


**External Power Bar 40" - 46" wide tables (optional)**

• Mounts outside of the cross beam due to space restrictions

• Four Outlets: Three open and One occupied with a control box power extension cable that provides power to the table controls

• Available in table widths 40", 46"

# planning with navigate tables electrics & wire management accessories (continued)

**wire management and power options**
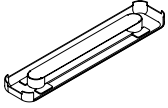


**Felt Cover Cable Organizer (YEYA)**

**Cable Organizer w/ Felt Cover**

- •Felt Cover size:
  - Small: 28"w x 6"d
  - Large: 28"w x 7 1/2"d

  - • Available on table widths 46" and larger

  - • Available on 29" and 35"deep
    worksurfaces with T-Legs only

  - • Pilot holes on worksurfaces

**Plastic Tray Cable Management (YEYS)**
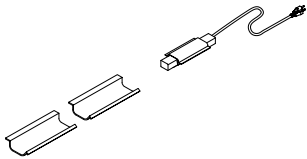


**Dual Plastic Trays + Power**

- • Each Tray: 10" long x 4 3/4" wide x
  1 1/2" high

- • Power Unit: 12" length x 1 1/2"
  width x 2" height

- • Available on tables 40" and larger

- • Available on 23" deep, 29" deep, 35"
  deep worksurfaces

- • No pilot holes on worksurfaces

- • Powerbar is Power Rod-Under-
  Worksurface Mount + (YEPD2A)
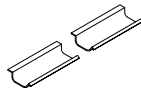
**Dual Plastic Trays**

- • Each Tray: 10" length x 4 3/4" width x
  1 1/2" height

- • Available on tables 40" and larger

- • Available on 23" deep, 29" deep, 35"
  deep worksurfaces

- • No pilot holes on worksurfaces

# planning with navigate tables electrics & wire management accessories (continued)

Rectangular Height-Adjustable Worksurface for Navigate (WBH) and Height-Adjustable Freestanding Table Base only (YAH)

The following chart assists in specifying your Navigate Height-Adjustable Freestanding Table.

Step 1: Choose the Worksurface width and depth

Step 2: Choose your Base Mechanism (See legends below)

Step 3: Choose your Cut Out Style (Round or Rectangular) and Location (See options below)

Step 4: From Legend see available options of Vertical Wire Carrier, Powerbar and Undersurface Cable Management.

| YAH+WBH | | Worksurface Depth with Leg Type | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | 23C | | 29C | | 29T | | 35T | |
| | | Grommets | | | | | | | |
| Worksurface widths | Base Mechanism | Round | Rectangular | Round | Rectangular | Round | Rectangular | Round | Rectangular |
| 40 | 1X | | | | | | | | |
| | 1S | | | | | | | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |
| 46 | 1X | Actual width 47" | Actual width 47" | Actual width 47" | Actual width 47" | Actual width 47" | Actual width 47" | | |
| | 1S | Actual width 47" | Actual width 47" | Actual width 47" | Actual width 47" | Actual width 47" | Actual width 47" | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |
| 52 | 1X | | | | | | | | |
| | 1S | | | | | | | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |
| 58 | 1X | | | | | | | | |
| | 1S | | | | | | | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |
| 64 | 1X | | | | | | | | |
| | 1S | | | | | | | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |
| 70 | 1X | | | | | | | | |
| | 1S | | | | | | | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |
| 76 | 1X | | | | | | | | |
| | 1S | | | | | | | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |
| 82 | 1X | | | | | | | | |
| | 1S | | | | | | | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |

**Step 4 Legend: Electrical and Cable Management Options**

| | |
| --- | --- |
| (light gray) | * YEEE/ YEEG/ YEYS are available for this product. <br> * Cable Organizer (ie. YEYS) **cannot** be used with Framed Screen (Unless it is 52"+) or any Infinity Screen. |
| (medium gray) | * YEEE/ YEEG/ YEYA/ YEYS are available for this product. |
| (white) | * YEEE/ YEEG/ YEYS are available for this product. |
| (dark gray) | * Product is **not** available |

**Base Mechanism:**

- 1X Counterbalance Lower Edition (26"-43")

- 1S Counterbalance Standard (29"-49")

- 7S Standard Range Electric (27"-43")

- 9C Extended Range Electric - Restricted Height (25"-48 7/10")

- 9E Extended Range Electric - Extended Height (22 3/5"-48 7/10")

# planning with navigate tables electrics & wire management accessories (continued)

Rectangular Height-Adjustable Worksurface with Radius Corners for Navigate (WJH) and Height-Adjustable Freestanding Table Base only (YAH)
The following chart assists in specifying your Navigate Height-Adjustable Freestanding Table.

Step 1: Choose the Worksurface width and depth

Step 2: Choose your Base Mechanism (See legends below)

Step 3: Choose your Cut Out Style (Round or Rectangular) and Location (See options below)

Step 4: From Legend see available options of Vertical Wire Carrier, Powerbar and Undersurface Cable Management.

| YAH+WJH | | Worksurface Depth with Leg Type | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 23C | | 29C | | 29T | | 35T | |
| | | Grommets | | | | | | | |
| Worksurface widths | Base Mechanism | Round | Rectangular | Round | Rectangular | Round | Rectangular | Round | Rectangular |
| 40 | 1X | | | | | | | | |
| | 1S | | | | | | | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |
| 46 | 1X | Actual width 47" | Actual width 47" | Actual width 47" | Actual width 47" | | | | |
| | 1S | Actual width 47" | Actual width 47" | Actual width 47" | Actual width 47" | | | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |
| 52 | 1X | | | | | | | | |
| | 1S | | | | | | | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |
| 58 | 1X | | | | | | | | |
| | 1S | | | | | | | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |
| 64 | 1X | | | | | | | | |
| | 1S | | | | | | | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |
| 70 | 1X | | | | | | | | |
| | 1S | | | | | | | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |
| 76 | 1X | | | | | | | | |
| | 1S | | | | | | | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |
| 82 | 1X | | | | | | | | |
| | 1S | | | | | | | | |
| | 7S | | | | | | | | |
| | 9C | | | | | | | | |
| | 9E | | | | | | | | |

**Step 4 Legend: Electrical and Cable Management Options**

| | |
|---|---|
| (light gray) | * YEEE/ YEEG/ YEYS are available for this product<br>* Cable Organizer (ie. YEYS) **cannot** be used with Framed Screen (Unless it is 52"+) or any Infinity Screen. |
| (medium gray) | * YEEE/ YEEG/ YEYA/ YEYS are available for this product. |
| (white) | * YEEE/ YEEG/ YEYS are available for this product. |
| (dark gray) | * Product is **not** available |

**Base Mechanism:**

- 1X Counterbalance Lower Edition (26"-43")

- 1S Counterbalance Standard (29"-49")

- 7S Standard Range Electric (27"-43")

- 9C Extended Range Electric - Restricted Height (25"-48 7/10")

- 9E Extended Range Electric - Extended Height (22.6"-48 7/10")

# one table one plug

**One Table One Plug is an electrical system for Teknion's Navigate Electric Height-Adjustable Tables. It maximizes power outlets and USB ports, simplifies cable management and fully powers each table with only one plug.**

The One Table One Plug system is made possible by integrating International Electrotechnical Commission (IEC) connectivity and the Direct Current (DC) Hub into the Navigate tables offering. This system is UL approved and it can be achieved with the following components:

## cross channel integrated powerbar - 3 outlets + 1 IEC (C)

- The IEC connection is different than a standard electrical outlet

- Since Cross Channel Integrated Powerbar (C) has only one IEC, it can only accept one IEC compatible power accessory at a time

- There are four IEC-compatible power accessories:
  - Power Qube (YEPQ)
  - Power Station (YEMX)
  - Power Rod (YEPD)
  - Center Electrical Grommet (HNBECEG)

- IEC compatibility refers to the power accessories having an IEC cord terminal which must be plugged into the IEC connection of the Cross Channel Integrated Powerbar (C)

IEC Connection
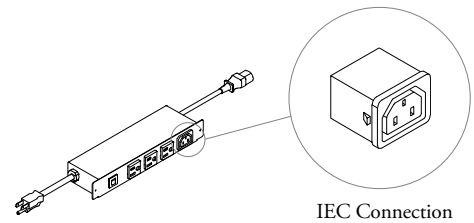
## DC power hub (YEDH)

- Mounts under the worksurface, connects to the Navigate electric height-adjustable table base's control box, draws power from the control box and splits it into four round DC ports (1.5 Amps per port)

- Up to four DC Hub-compatible accessories can be plugged in (maximum total output of 4.5 Amps per DC Power Hub)

- There are four DC Hub-compatible accessories:
  - Swerv USB Hub (YMSUS) (standard capacity only)
  - Sanna Lightbar (YLSR)
  - Sanna Lightbar IC (YLSR)
  - Tangent Task Light (YLTT)

- DC Hub-compatibility refers to the accessories having a round DC Hub cord terminal which can be plugged into the DC ports (no standard power adapter needed)
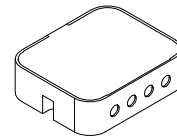
## notes

- The Cross Channel Integrated Powerbar - 3 Outlets + 1 IEC (C) and the DC Power Hub (YEDH) are two independent components which must be specified separately. One component can also be specified without the other to achieve a stand-alone application

- Center Electrical Grommet can only be specified for Navigate benching applications

- When Undersurface Cable Management option (5) Dual Plastic trays + Powerbar with IEC is specified, no additional IEC-compatible power accessories should be specified as the Cross Channel Integrated Powerbar (C) only includes one IEC connection

- Cross Channel Integrated Powerbar options (I) and (C) both have an accessible circuit breaker and provide a power pass-through for table power

# integrating navigate tables with other teknion products

**Navigate can seamlessly integrate into the Teknion portfolio of products.**

### upstage

Navigate workstation tables can be used in a freestanding application in an upStage environment. The following outlines the planning capabilities of freestanding Navigate table with upStage.
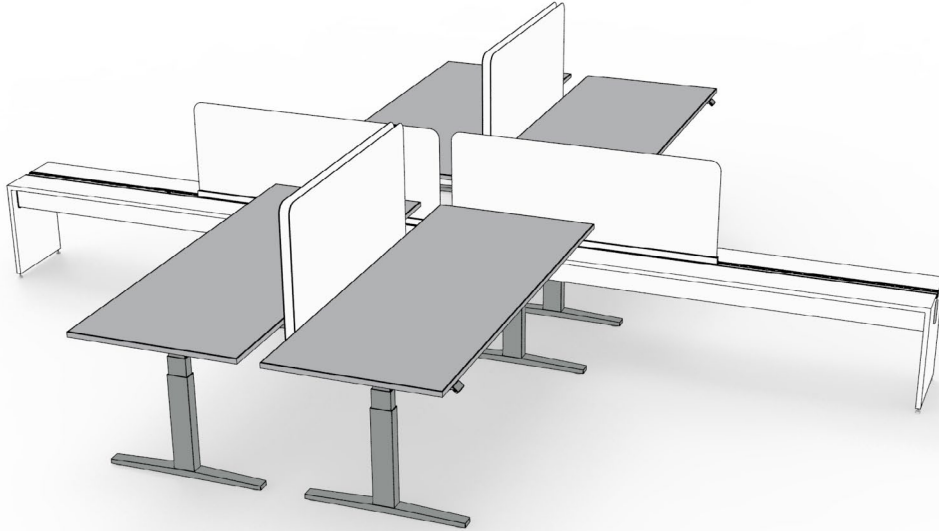
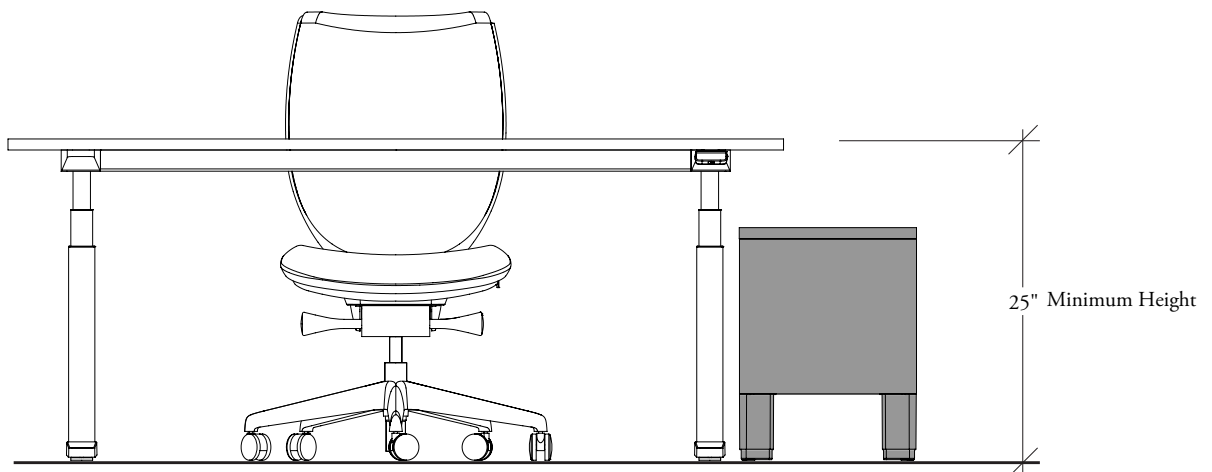Freestanding Navigate Height-Adjustable Tables with upStage (YAH + WBH, YAH + WJH)

# integrating navigate tables with other teknion products (continued)

**district**
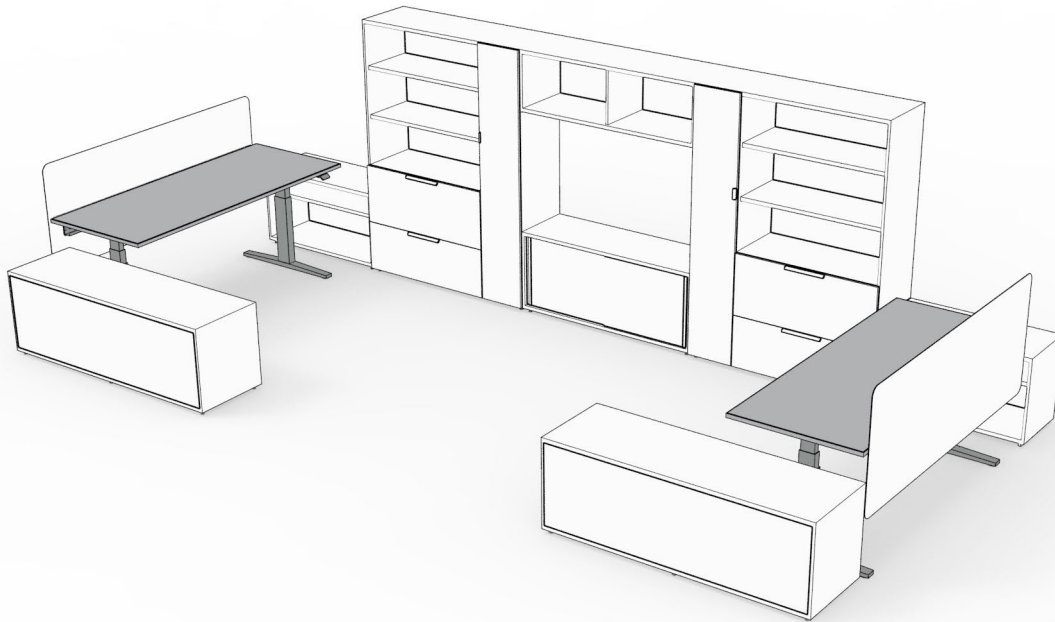


### district details

When an extended range electric table is selected to overlap a District low credenza, the "restricted" base range must be specified for appropriate pinch clearance and safety precautions – the 25" minimum height still provides a gap between the top of the credenza and the underside of the table.



25" Minimum Height

# integrating navigate tables with other teknion products (continued)

Navigate freestanding tables can be planned with District low credenzas to provide a consistent aesthetic with non height-adjustable workstations. The leg location allows the table to overlap either side of the front of a credenza.

### side overlap - electric tables

The overlap will always be 4" from the front facing edge of credenzas.
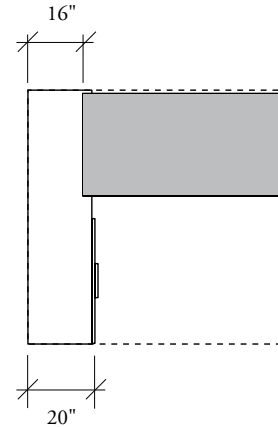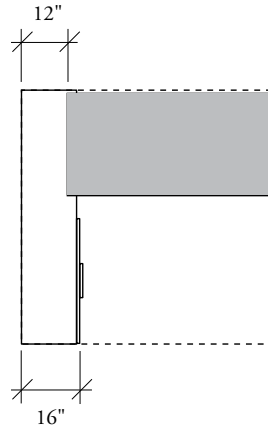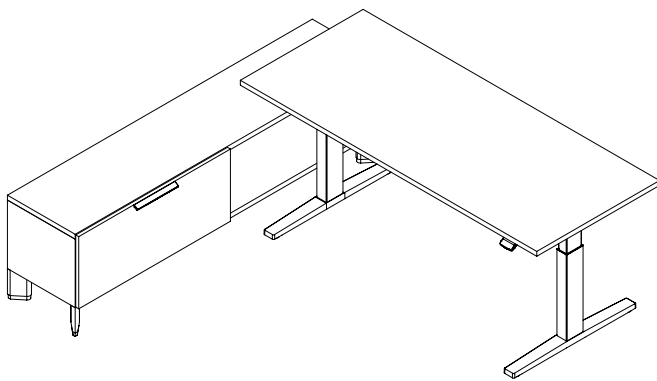
Table legs are inset to allow them to overlap the credenza by 4".

### front overlap
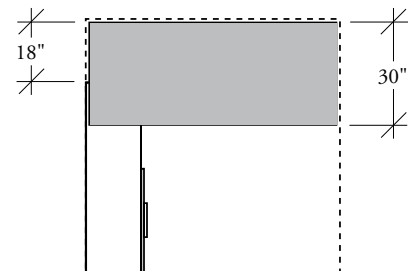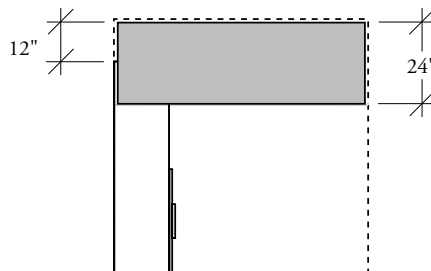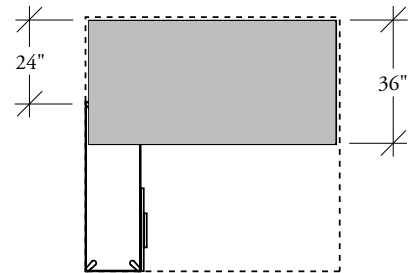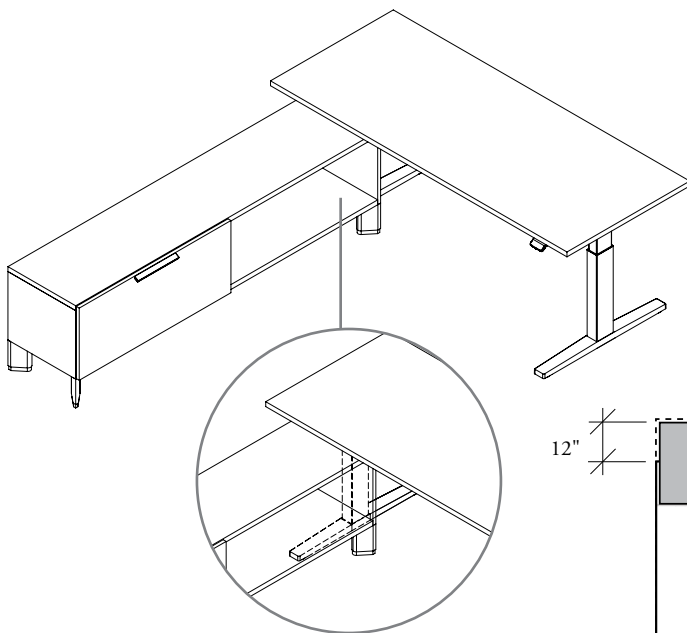
The Navigate table will extend over the entire depth of the credenza but extend beyond the end of the credenza. The legs will tuck under the side of the credenza.

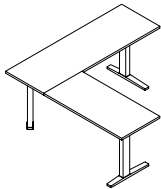# navigate height-adjustable extended corner complete tables basics (YJH)

**Navigate Extended Corner Complete Tables are a complete table that provides height-adjustability on both the primary and secondary worksurface.**
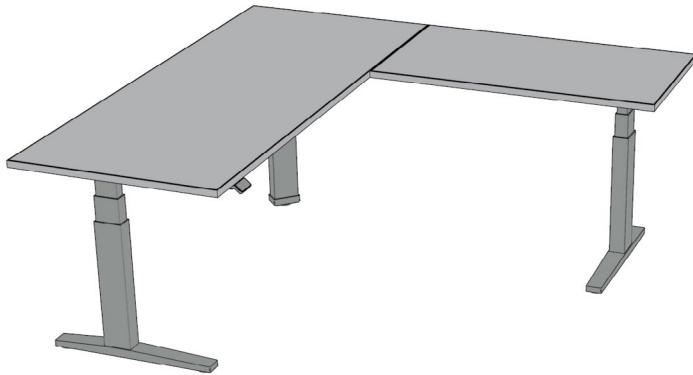


**Navigate Finishes**

- Worksurface Finish:
  -Foundation Laminate, Flintwood, Natural Veneer

- Base Finish:
  -Foundation, Mica

- Switch Styles:
  -Standard Up/Down
  -Display with Up/Down Memory
  -Toggle Up/Down
  -Display Toggle with Memory and Navigate GPS

- Switch Finish:
  -Anthracite, Platinum, Crisp Gray, Ebony Coordinate

- Extended Corner Tables are specified as a complete unit

- Extended tables are handed, the handedness (orientation) is determined by the location of the primary surface from the users perspective. Left or Right handedness must be specified when ordering



**Navigate Height-Adjustable Extended Corner Complete Table Basics (YJH)**
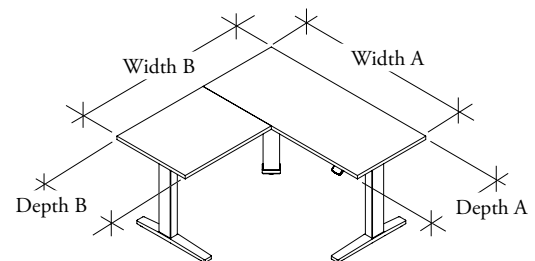
**Dimensions:**

**Actual Depth**

- Primary Worksurface 23", 29"

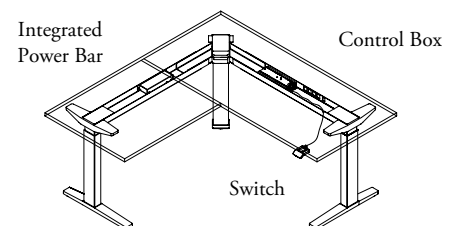- Secondary Worksurface 23", 29"

**Actual Width**

- Primary Worksurface Width 52", 58", 64", 70"

- Secondary Worksurface Width 46", 52" 58", 64", 70"

**Base Mechanism**

- Standard Electric (27"-43")

- Extended Electric-Restricted (25"-48 7/10")

- Extended Electric-Extended (22.6"-48 7/10")



Primary worksurface compatibility with secondary worksurface



Note:

- Primary worksurface dimension will always be larger than or equal to secondary worksurface when specifying

- Powerbar and Vertical Wire Carrier available as options

- Cross Channel Integrated (I) is not available with Actual Width A (52) (58)

- Vertical Wire Carrier is available if specified

- Cross Channel Integrated Power bar is available on primary worksurfaces with 64" and 70" width, if specified. Power bar and control box needs to be installed on opposite sides of the cross channel

- Switch is installed on the same side as control box

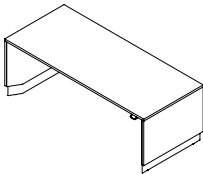# navigate height-adjustable gable leg complete tables basics (YTH)

**Navigate Height-Adjustable Gable Leg Complete Table provides smooth height-adjustability and includes gables on both side.**
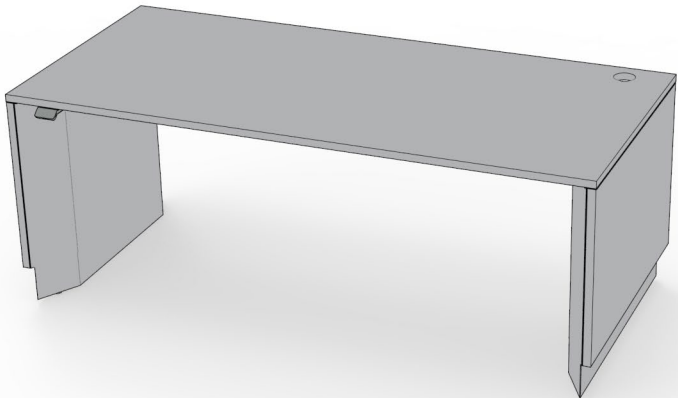


**Navigate Finishes**
- Worksurface and Waterfall Finish:
  - Foundation Laminate, Flintwood, Natural Veneer
- Base Finish:
  - Foundation, Mica, Accent
- Switch Styles:
  - Standard Up/Down
  - Display with Up/Down
- Memory:
  - Toggle Up/Down
  - Display Toggle with Memory and Navigate GPS
- Switch Finish:
  - Anthracite, Platinum, Crisp Gray, Ebony Coordinate

Navigate Height-Adjustable Gable Leg Complete Tables are specified as a complete unit.



**Navigate Height-Adjustable Gable Leg Complete Table Basics (YTH)**

**Dimensions:**
All dimensions are actual sizes to allow for proper gapping between worksurfaces, panels, storage etc.

**Depth :** 29", 35"

**Widths:** 46", 52", 58", 64", 70", 76", 82"

**Base Mechanism:**
- Standard Electric (27"-43")
- Extended Electric-High Gable (25"-48 7/10")

**Cut Out Styles for grommets if specified:**
- Round
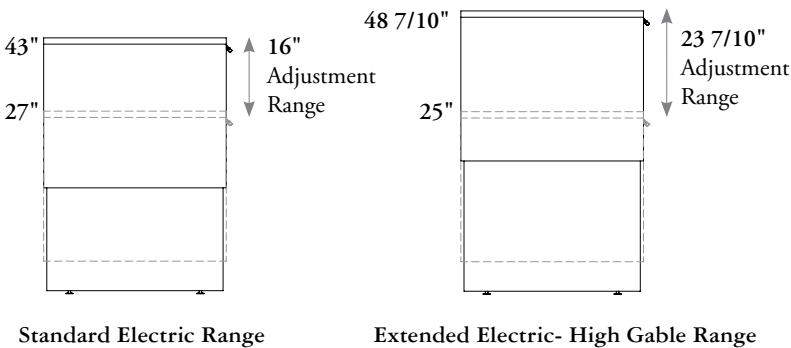- Rectangular (Diamond Shaped Cut Out)

**Cut Out Options:**
- Centered, Left, Right or any combination of these three locations available if specified

**Undersurface Cable Manager Options include:**
- Cable organizer with or without felt cover
- Dual plastic trays with or without powerbar

Cross Channel Integrated Powerbar available if specified.

**Height-Adjustment Range-Navigate Height-Adjustable Gable Leg Complete Table Basics (YTH)**



**Standard Electric Range**

43" 27" 16" Adjustment Range

48 7/10" 25" 23 7/10" Adjustment Range

**Extended Electric- High Gable Range**

# planning with navigate height-adjustable gable leg complete tables

The following should be considered when planning with Navigate Height-Adjustable Gable Leg Complete Tables.

Standard Vertical Wire Carrier is embedded into the gable leg for freestanding Navigate Height-Adjustable Gable Leg Complete Table (YTH). The Vertical Wire Carrier can be installed in left or right hand side as per user preference on site.
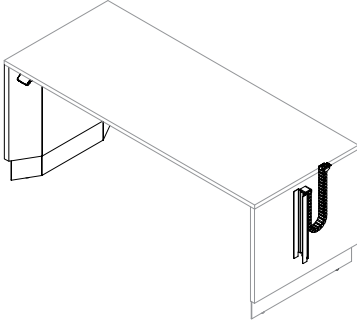


Lateral screens with 30" depth are compatible with worksurfaces with 29" depth. If Lateral Screens from District Catalog are specified with Navigate Height-Adjustable Gable Leg Complete Table (YTH) it should have an offset from the side edge so that the bracket does not interfere with the bevel of the gable leg.
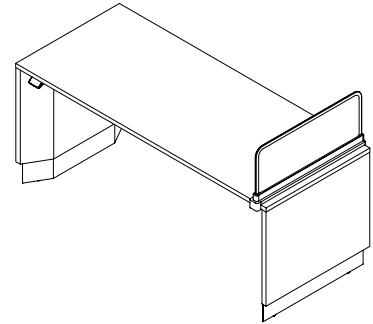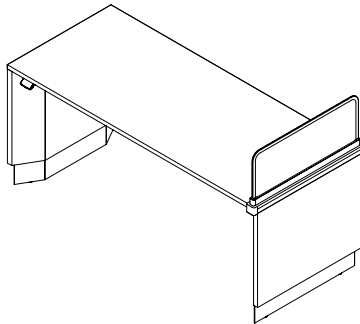


Side Desk Edge Screens and Study Carrels cannot be used with Navigate Height-Adjustable Gable Leg Complete Tables (YTH) due to bracket and gable interference.
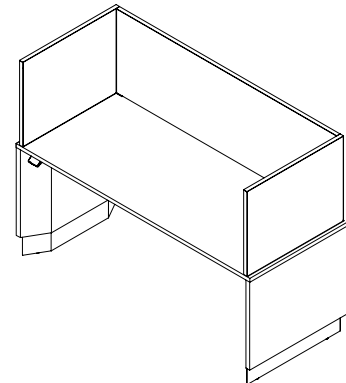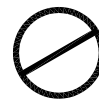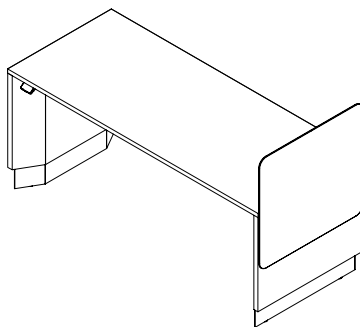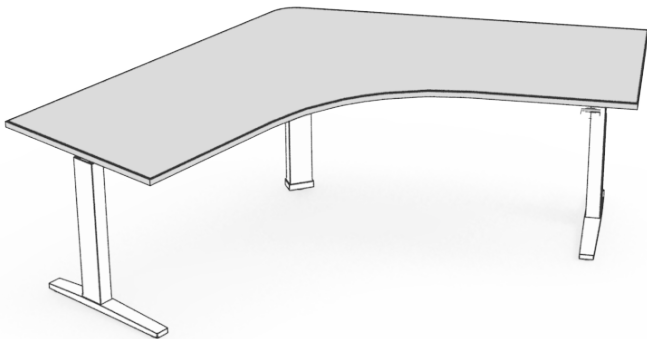
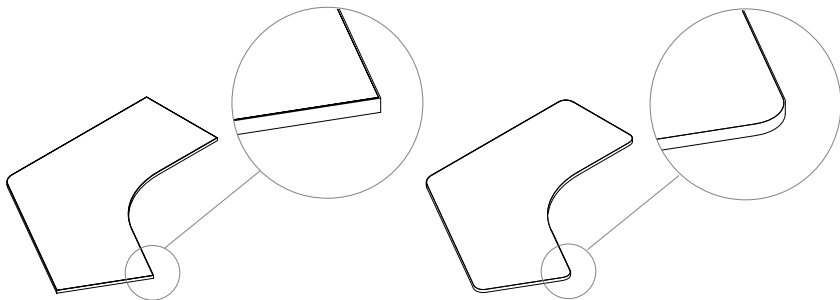# navigate 120 height-adjustable freestanding table basics

Navigate 120 Height-Adjustable Freestanding Tables are specified in two steps:

1. Select the desired worksurface

2. Select the base to match the specified worksurface size

**Navigate 120 Finishes**

• Worksurface Finish:
- Foundation Laminate, Flintwood, Natural Veneer

• Base Finish:
-Foundation, Mica, Accent

• Switch Styles:
-Standard Up/Down
-Display with Up/Down Memory
-Toggle Up/Down
- Display Toggle with Memory and Navigate GPS

• Switch Finish:
- Anthracite, Platinum, Crisp Grey, Ebony Coordinate

**Height-Adjustable Worksurface for Navigate 120 (WBN)**

**Height-Adjustable Worksurface with Radius Corners for Navigate 120 (WJN)**
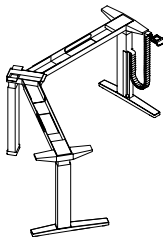
**Navigate 120 Height-Adjustable Freestanding Table Base Only (YNH)**

**Worksurfaces are available in two styles:**
- Height-Adjustable Worksurface for Navigate
- Height-Adjustable Worksurface with Radius Corners for Navigate 120

Dimension: All dimensions are actual sizes to allow for proper gapping between worksurfaces, panels, storage, etc.

**Depths :** 23", 29"

**Widths:** 46", 52", 58"

**Base Mechanism:**
- Standard Electric (27"-43")
- Extended Electric-High Gable (25"-48 7/10")

**Cut Out Styles for grommets**
- Round (2-3/4" diameter)
- Rectangular (Diamond Shaped Cut Out)
- Power and Cable Management Options
- Undersurface Cable Management
- Powerbar
- Vertical Wire Carrier

**Navigate Finishes**

- Source Laminate
- Foundation Laminate
- Flintwood
- Natural Veneer

**Base Finishes**

- Foundation,
- Foundation, Mica & Accent
- Counterbalance base mechanisms

The Table Base size is determined by the size of the worksurface it is used with.

**Depths (to work with worksurface depth):** 23", 29"

**Widths (to work with work-surface width):** 46", 52", 58"
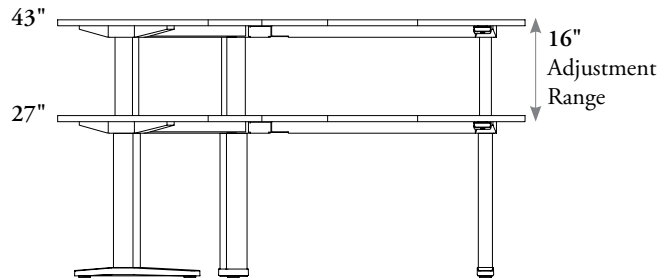
**Leg Style:**
- C-Leg (23"deep & 29"deep)

**Base Mechanism**
- Standard Range Electric (27"- 43")
- Extended Range Electric-Restricted Height (25"- 48 7/10")
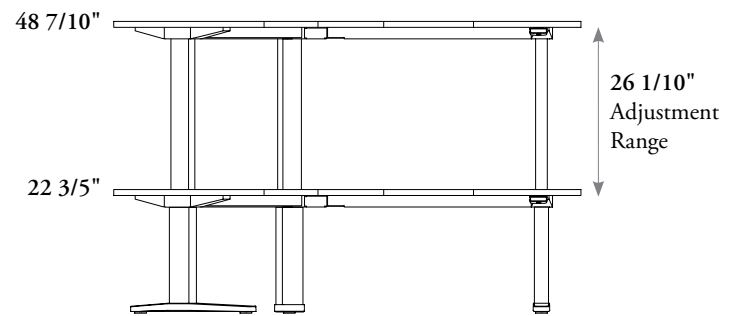- Extended Range Electric-Extended Height (22.6"- 48 7/10")

# planning with navigate 120 height-adjustable freestanding tables

The following should be considered when planning with Navigate 120 Height-Adjustable Freestanding Tables.
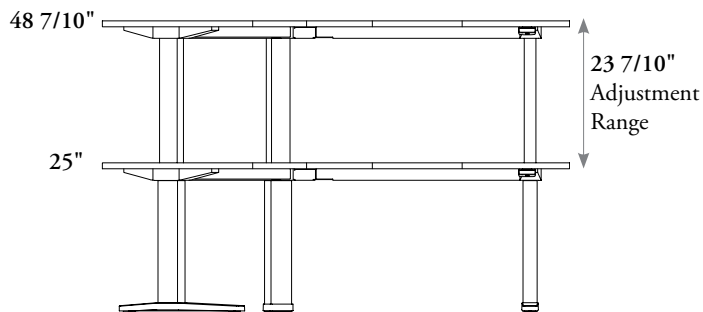
**Height-Adjustment Range - Navigate 120 Height-Adjustable Freestanding Table (YNH)**

43"

27"

16"
Adjustment
Range

**Standard Electric Range**

48 7/10"

22 3/5"

26 1/10"
Adjustment
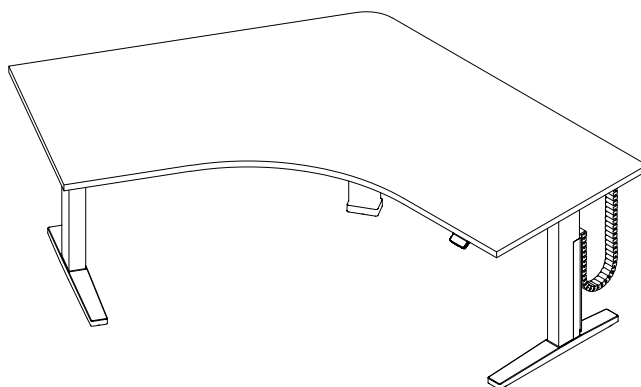Range

**Extended Electric Range**

48 7/10"

25"

23 7/10"
Adjustment
Range

**Extended Electric- High Gable Range**

Standard Vertical Wire Carrier for Navigate 120 Height-Adjustable Freestanding Tables can be installed left or right hand side as per user.

*Right hand Vertical Wire Carrier
shown