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navigate height-adjustable bench typicals

The following typicals demonstrate the versatility of Navigate Height-Adjustable Bench.

navigate height-adjustable bench 01
5' x 17'6"

1. Standard Range frames provide users an electric sit-stand workstation with a height-adjustable range of 27" - 43".
2. End gables are available in a variety of finishes (foundation, mica and accent colors) to allow for a unique color palette.
3. The Wire Channel manages and conceals power modules, harnesses, wiring and data and communication cables.

QUANTITY	COMPONENTS	DESCRIPTION	LIST PRICE	EXTENDED PRICE
2	HNBCCMMN602B	Navigate Mid Cover - Metal, 60"d, w/o Power Pole, Dual-Sided - Standard	98	196
2	HNBCGEMN60OB	Navigate End Gable - Metal, 60"d, Dual-Sided - Standard	213	426
1	HNBEBC	Navigate Base Feed Cover	248	248
1	HNBEBF8TO72E	Navigate Base Feed, 8 Wire Isolated Ground, 72"l, End Condition	322	322
6	HNBEEE	Navigate e-Chain Vertical Cable Manager	203	1218
2	HNBEPH8TO6O	Navigate Power Harness, 8 Wire Isolated Ground, 60"l	179	358
3	HNBEPMT	Navigate Power Module, Horizontal Application	273	819
12	HNBEROS	Navigate Receptacle Outlet, Standard 15 Amp	31	372
3	HNBFCNB7O	Navigate Wire Channel, Dual-Sided - Standard, 70"w	712	2136
3	HNBFNA7S607O	Navigate Frame, Standard Electric (27"-43"), 60"d x 70"w	5256	15768
2	HNBFNF	Frame Link	118	236
6	HNBWRN29702	Navigate Rectangular Worksurface, 29"d x 70"w, Square	519	3114
			TOTAL	25213 LIST

Finishes: Foundation Laminate for Worksurfaces and Foundation colors for Frame.

*Seating: Around Chairs (NARTNPD) shown, Work Chairs are not included in price.

navigate height-adjustable bench typicals (continued)

navigate height-adjustable bench 02
5' x 17'6"

1. Standard Range frames provide users an electric sit-stand workstation with a height-adjustable range of 27" - 43".
2. End and Mid covers are available in a variety of colors to allow for a unique color palette.
3. The Power Module is mounted below the Wire Channel to provide users with accessible wire management and power locations.
4. Desk Edge Screens mount flush to the worksurface and move with the worksurface to allow users full privacy in seated and standing working heights.

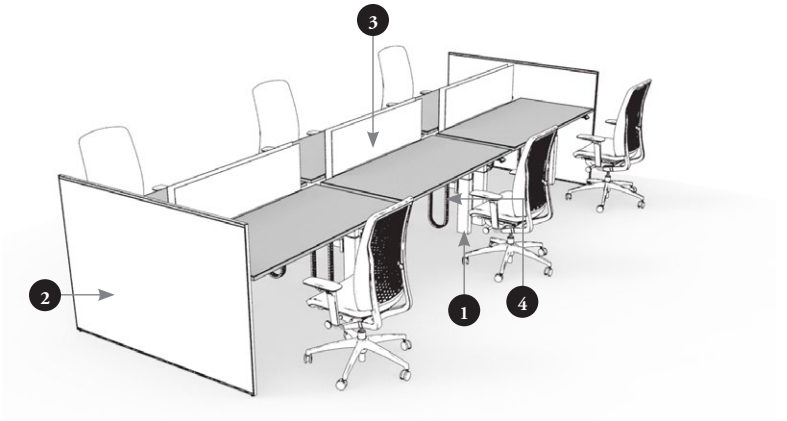
QUANTITY	COMPONENTS	DESCRIPTION	LIST PRICE	EXTENDED PRICE
2	HNBCCEMN60B	Navigate End Cover - Metal, 60"d, Dual-Sided - Standard	80	160
2	HNBCCMMN602B	Navigate Mid Cover - Metal, 60"d, w/o Power Pole, Dual-Sided - Standard	98	196
6	HNBCDF1370	Navigate Desk Edge Screen - Fabric, 13"h x 70"w	806	4836
1	HNBEBC	Navigate Base Feed Cover	248	248
1	HNBEBF8T072E	Navigate Base Feed, 8 Wire Isolated Ground, 72"l, End Condition	322	322
6	HNBEEE	Navigate e-Chain Vertical Cable Manager	203	1218
2	HNBEPH8T060	Navigate Power Harness, 8 Wire Isolated Ground, 60"l	179	358
3	HNBEPMT	Navigate Power Module, Horizontal Application	273	819
12	HNBEROS	Navigate Receptacle Outlet, Standard 15 Amp	31	372
3	HNBFCNB70	Navigate Wire Channel, Dual-Sided - Standard, 70"w	712	2136
3	HNBFNA7S6070	Navigate Frame, Standard Electric (27"-43"), 60"d x 70"w	5256	15768
2	HNBFNF	Frame Link	118	236
6	HNBWRN29702	Navigate Rectangular Worksurface, 28"d x 70"w, Square	519	3114
			TOTAL	29783 LIST

Finishes: Foundation Laminate for Worksurfaces and Foundation colors for Frame.

*Around Chairs (NARTNPD) shown, Work Chairs are not included in price.

navigate height-adjustable bench typicals (continued)

navigate height-adjustable sit-stand bench 03
5' x 15"



1. Navigate Frame, Standard Electric frames provide users an electric sit-stand workstation with a height-adjustable range of 27" - 43".
2. End of run screens provide privacy and create a spatial division at the end of the bench.
3. Desk Edge Screens mount flush to the worksurface and move with the worksurface to allow users full privacy in seated and standing working heights.
4. The e-chain is attached to the wire channel and provide smooth movement for wires while worksurface changes its height.

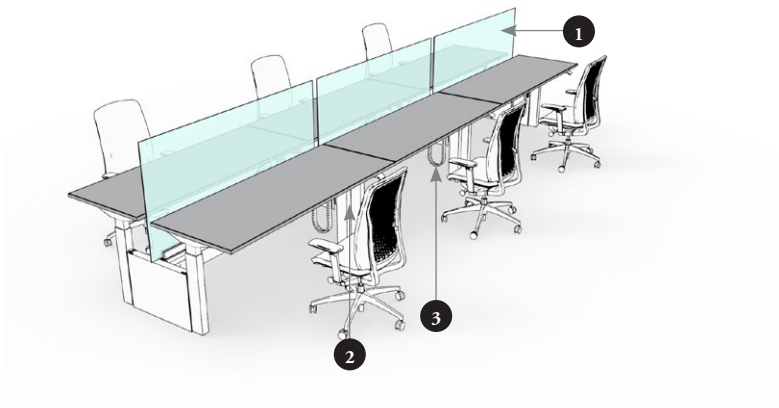
QUANTITY	COMPONENTS	DESCRIPTION	LIST PRICE	EXTENDED PRICE
2	HNBCCEMN60B	Navigate End Cover - Metal, 60"d, Dual-Sided - Standard	80	160
6	HNBCDG1358	Navigate Desk Edge Screen - Glass, 13"h x 58"w	525	3150
1	HNBEBC	Navigate Base Feed Cover	248	248
1	HNBEBF8T072E	Navigate Base Feed, 8 Wire Isolated Ground, 72"l, End Condition	322	322
6	HNBEEE	Navigate e-Chain Vertical Cable Manager	203	1218
2	HNBEPH8T060	Navigate Power Harness, 8 Wire Isolated Ground, 60"l	179	358
3	HNBEPMT	Navigate Power Module, Horizontal Application	273	819
12	HNBEROS	Navigate Receptacle Outlet, Standard 15 Amp	31	372
3	HNBFCNB58	Navigate Wire Channel, Dual-Sided - Standard, 58"w	652	1956
3	HNBFNA7S6058	Navigate Frame, Standard Electric (27"-43"), 60"d x 58"w	5230	15690
2	HNBFNF	Frame Link	118	236
2	HNBTEF4260	Navigate End of Run Screen - Fabric, 42"h x 60"w	1235	2470
6	HNBWRN29582	Navigate Rectangular Worksurface, 28"d x 58"w, Square	501	3006
			TOTAL	30005 LIST

Finishes: Foundation Laminate for Worksurfaces and Foundation colors for Frame.

*Seating: Around Chairs (NARTNPD) shown, Work Chairs are not included in price.

navigate height-adjustable bench typicals (continued)

navigate height-adjustable bench 04
5' x 17'6"



1. Navigate Fixed Center Screens mount on the Wire Channel and require the 3" gap between worksurfaces. They are available in 51" datum height to provide privacy between users.
2. The Frame Link connects the two frames side by side to allow power to continue between products and ensure accurate spacing for safety.
3. The e-chain is attached to the wire channel and provide smooth movement for wires while worksurface changes its height.

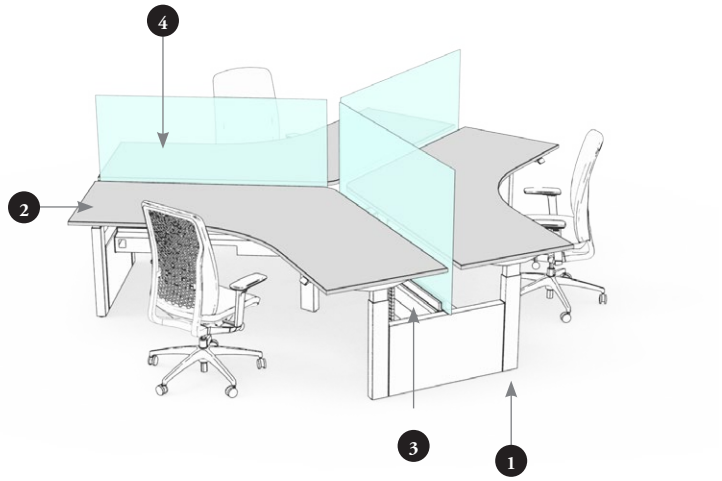
QUANTITY	COMPONENTS	DESCRIPTION	LIST PRICE	EXTENDED PRICE
2	HNBCCMMN602B	Navigate Mid Cover - Metal, 60"d, w/o Power Pole, Dual-Sided - Standard	98	196
3	HNBCFG5170F	Navigate Fixed Center Screen - Glass, 51"h x 70"w, Full	1215	3645
2	HNBCGEMN60B	Navigate End Gable - Metal, 60"d, Dual-Sided - Standard	213	426
1	HNBEBC	Navigate Base Feed Cover	248	248
1	HNBEBF8T072E	Navigate Base Feed, 8 Wire Isolated Ground, 72"l, End Condition	322	322
6	HNBEEE	Navigate e-Chain Vertical Cable Manager	203	1218
2	HNBEPH8T060	Navigate Power Harness, 8 Wire Isolated Ground, 60"l	179	358
3	HNBEPMT	Navigate Power Module, Horizontal Application	273	819
12	HNBEROS	Navigate Receptacle Outlet, Standard 15 Amp	31	372
3	HNBFCNB70	Navigate Wire Channel, Dual-Sided - Standard, 70"w	712	2136
3	HNBFNA7S6070	Navigate Frame, Standard Electric (27"-43"), 60"d x 70"w	5256	15768
2	HNBFNF	Frame Link	118	236
6	HNBWRN29702	Navigate Rectangular Worksurface, 29"d x 70"w, Square	519	3114
			TOTAL	28858 LIST

Finishes: Foundation Laminate for Worksurfaces and Foundation colors for Frame.

*Seating: Around Chairs (NARTNPD) shown, Work Chairs are not included in price.

navigate height-adjustable bench typicals (continued)

navigate height-adjustable sit-stand bench 05
9'6" x 11'



1. Navigate 120 Frame, Standard Electrics frames provide users a collaborative workspace in a concise space with a height-adjustable range of 27"- 43".
2. Three Navigate 120 Worksurfaces complement the 120 frame to create a bench.
3. The Cable Channel manages and conceals power modules, harnesses, wiring and data and communication cables.
4. Fixed Center Screens mount to the cable channel and allow users full privacy in seated position while maintaining a uniform silhouette while the desks are at different heights.

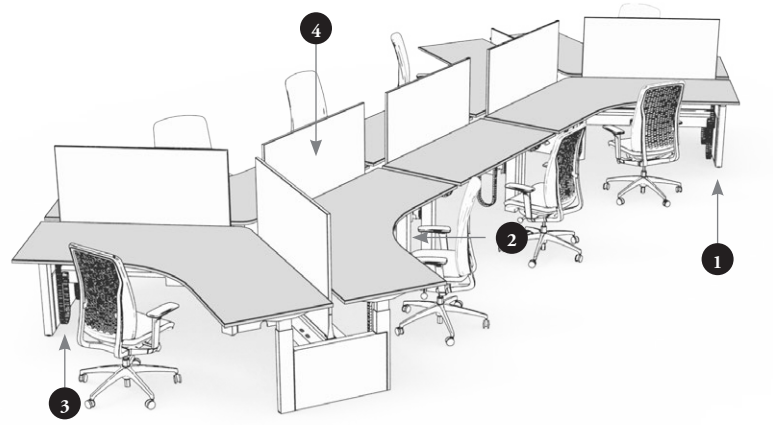
QUANTITY	COMPONENTS	DESCRIPTION	LIST PRICE	EXTENDED PRICE
1	HNBCCMMT2B	Navigate 120 Mid Cover-Metal, w/o Power Pole, Dual-Sided-Standard	353	353
3	HNBCFG5158F	Navigate Fixed Center Screen - Glass, 51"h x 58"w, Full	1002	3006
3	HNBCGEMN60B	Navigate End Gable - Metal, 60"d, Dual-Sided - Standard	213	639
1	HNBEBC	Navigate Base Feed Cover	248	248
1	HNBEBF8T072E	Navigate Base Feed, 8 Wire Isolated Ground, 72"l, End Condition	322	322
3	HNBEEE	Navigate e-Chain Vertical Cable Manager	203	609
1	HNBEPH8T048	Navigate Power Harness, 8 Wire Isolated Ground, 48"l	173	173
2	HNBEPMT	Navigate Power Module, Horizontal Application	273	546
6	HNBER0S	Navigate Receptacle Outlet, Standard 15 Amp	31	186
3	HNBFCNB58	Navigate Wire Channel, Dual-Sided - Standard, 58"w	652	1956
1	HNBFNT7S6058	Navigate 120 Frame, Standard Electrics (27"-43"), 60"d x 58"w	10215	10215
3	HNBWTN29582	Navigate 120 Worksurface, 29"d x 58"w, Square	1433	4299
			TOTAL	22552 LIST

Finishes: Foundation Laminate for Worksurfaces and Foundation colors for Frame.

*Seating: Around Chairs (NARTNPD) shown, Work Chairs are not included in price.

navigate height-adjustable bench typicals (continued)

navigate height-adjustable sit-stand bench 06
11' x 24'



1. Navigate 120 Frames can be linked to Navigate Rectangular Frames to create a bench.
2. The Frame Link connects the two frames side by side to allow power to continue between products and ensure accurate spacing for safety.
3. The e-chain is attached to the cable channel and provide smooth movement for wires while worksurface changes its height.
4. Fixed Center Screens mount to the cable channel and allow users full privacy in seated position while maintaining an uniform silhouette while the desks are at different heights.

QUANTITY	COMPONENTS	DESCRIPTION	LIST PRICE	EXTENDED PRICE
2	HNBCCMMN602B	Navigate Mid Cover - Metal, 60"d, w/o Power Pole, Dual-Sided - Standard	98	196
2	HNBCCMMT2B	Navigate 120 Mid Cover-Metal, w/o Power Pole, Dual-Sided-Standard	353	706
7	HNBCFF5158I	Navigate Fixed Center Screen - Fabric, 51"h x 58"w, Inset	842	5894
4	HNBCGEMN60B	Navigate End Gable - Metal, 60"d, Dual-Sided - Standard	213	852
1	HNBEBC	Navigate Base Feed Cover	248	248
1	HNBEBF8T072E	Navigate Base Feed, 8 Wire Isolated Ground, 72"l, End Condition	322	322
8	HNBEEE	Navigate e-Chain Vertical Cable Manager	203	1624
4	HNBEPH8T060	Navigate Power Harness, 8 Wire Isolated Ground, 60"l	179	716
5	HNBEPMT	Navigate Power Module, Horizontal Application	273	1365
16	HNBEROS	Navigate Receptacle Outlet, Standard 15 Amp	31	496
7	HNBFCNB58	Navigate Wire Channel, Dual-Sided - Standard, 58"w	652	4564
1	HNBFNA7S6058	Navigate Frame, Standard Electric (27"-43"), 60"d x 58"w	5230	5230
2	HNBFNF	Frame Link	118	236
2	HNBFNT7S6058	Navigate 120 Frame, Standard Electrics (27"-43"), 60"d x 58"w	10215	20430
2	HNBWRN29582	Navigate Rectangular Worksurface, 29"d x 58"w, Square	501	1002
6	HNBWTN29582	Navigate 120 Worksurface, 29"d x 58"w, Square	1433	8598
			TOTAL	52479 LIST

Finishes: Foundation Laminate for Worksurfaces and Foundation colors for Frame.

*Seating: Around Chairs (NARTNPD) shown, Work Chairs are not included in price.

understanding height-adjustable bench frames

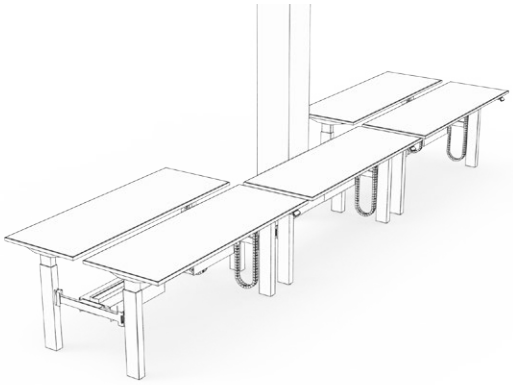
Navigate Height-Adjustable Bench can be specified with one frame providing a one or two person workstation or in runs with multiple connected frames, in Standard and Extended Range electric mechanisms.

Navigate Height-Adjustable Bench frames are ideal for collaboration in an optimized space that provides customized ergonomic comfort to users.

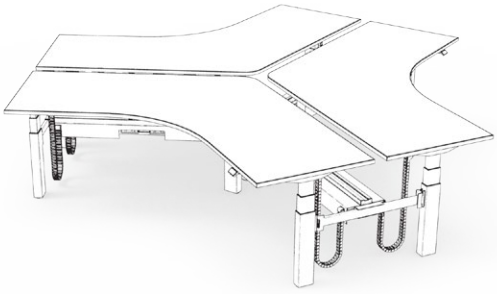
Navigate benches have two basic structures:

- Rectangular Frames - created with one or two worksurfaces
- 120 Frames - created with a minimum of three worksurfaces

The user can adjust the height of each worksurface to meet their personal preference.



Each rectangular frame accommodates either a single user or two face to face users.

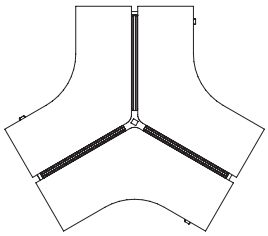


Each 120 frame accommodates three users.

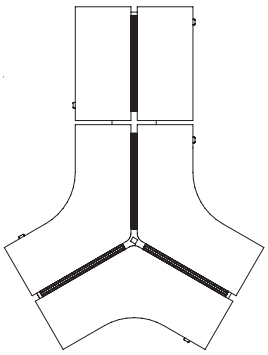
All frames can be linked together to create innovative workstation clusters.

Frame Links connect two frames side by side to allow power to continue between the frames and ensure accurate spacing.

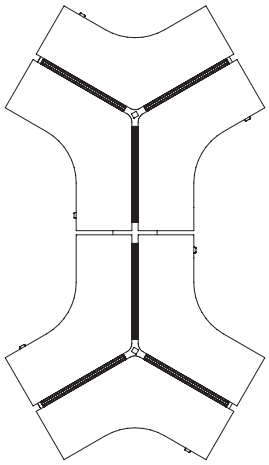
Rectangular and 120 Frames can be connected to each other.



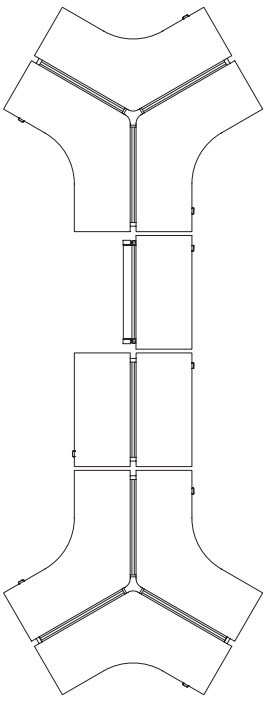
120 Frame, three workstation cluster



120 Frame, three workstation cluster, linked to Rectangular Height-Adjustable Bench



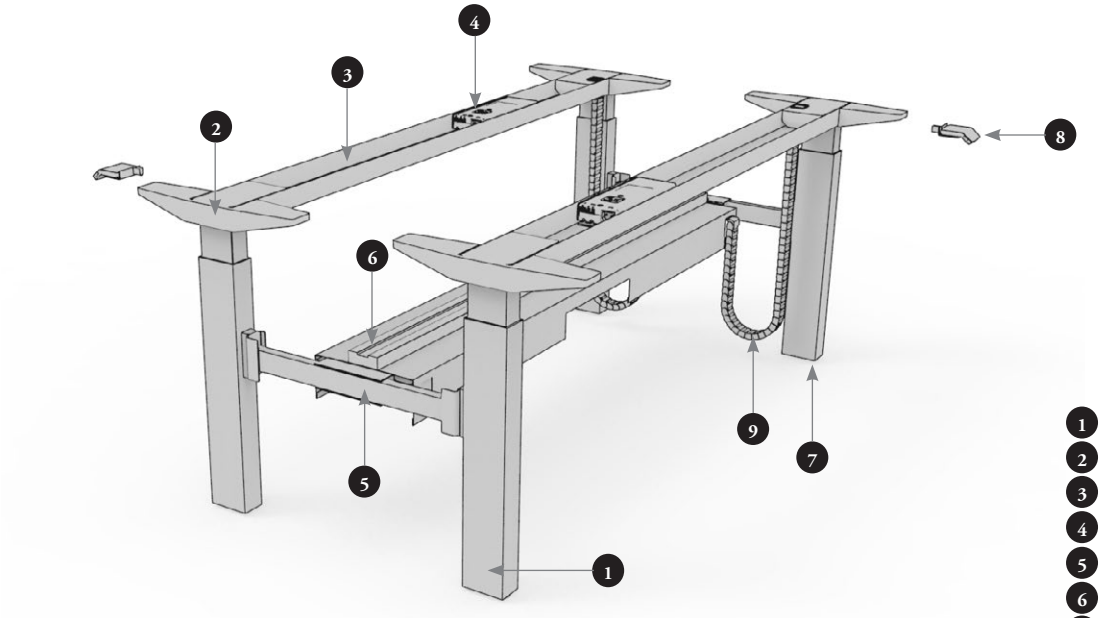
Two 120 Frame three workstation clusters linked together



Two 120 Frame, three workstation clusters, linked to one Rectangular and one Rectangular Single-Sided Height-Adjustable Bench

understanding height-adjustable bench frames (continued)

rectangle frame

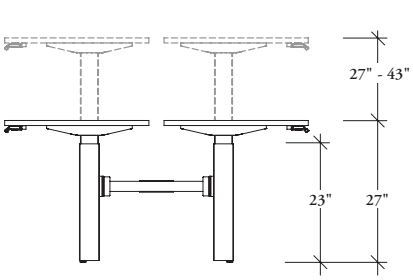


1. Navigate Leg
2. Strut
3. Center Channel
4. Control Box
5. Leg Brace
6. Wire Channel
7. Leveler
8. Switch
9. e-Chain

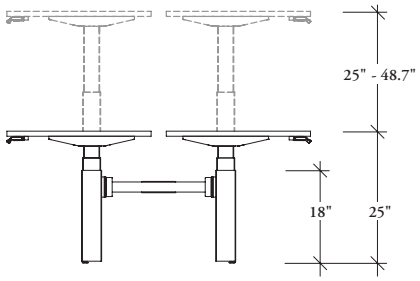
height-adjustment ranges

Three height ranges are available:
- Standard Electric
- Extended Electric - Restricted
- Extended Electric -Extended

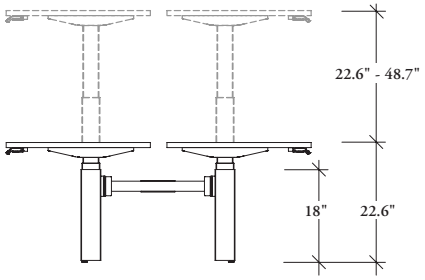
Each frame can have only one height-adjustment range, but can vary from frame to frame as they operate independently even though they are linked.



Standard Electric



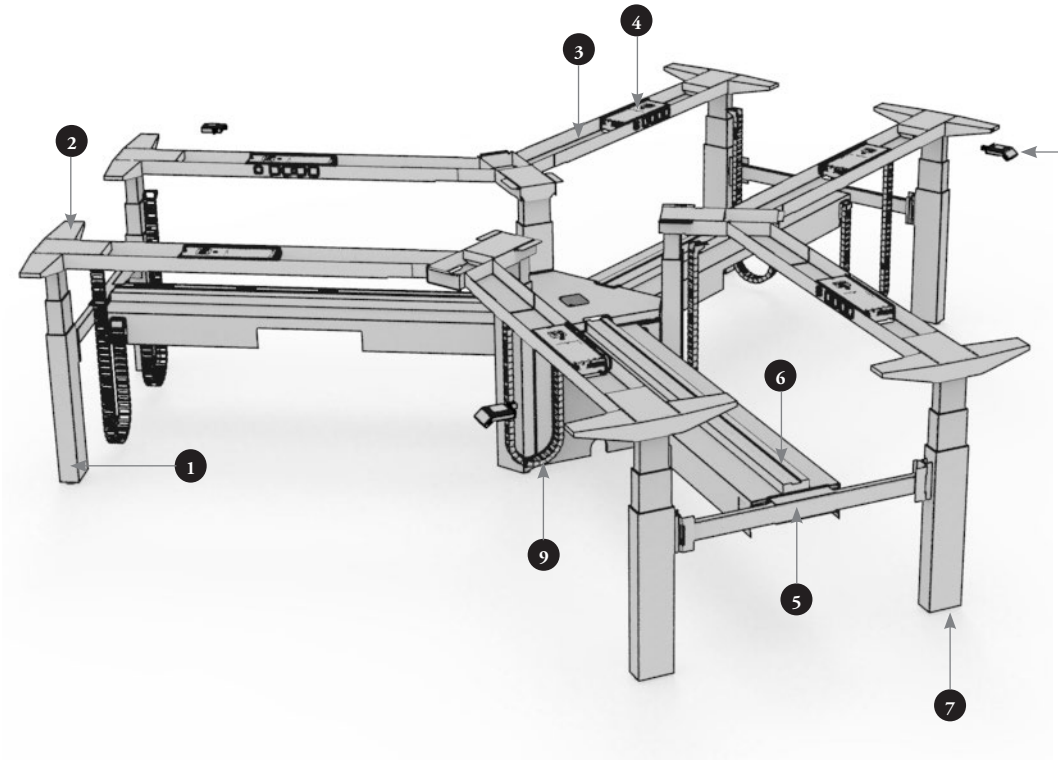
Extended Electric-Restricted



Extended Electric-Extended

understanding height-adjustable bench frames (continued)

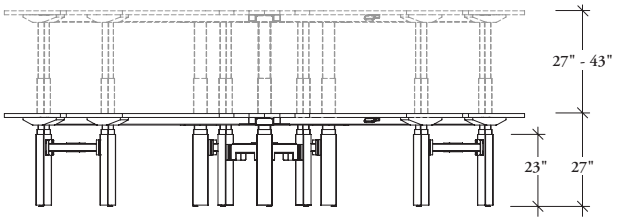
120 frame



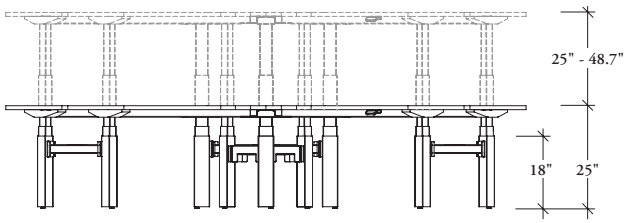
height-adjustment ranges

Three height ranges are available:
- Standard Electric
- Extended Electric - Restricted
- Extended Electric -Extended

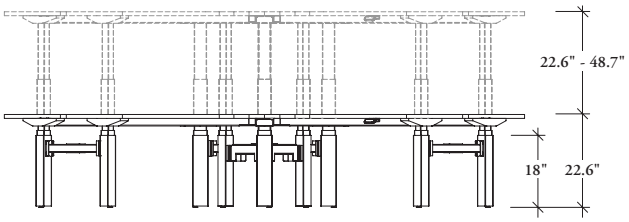
Each frame can have only one height-adjustment range, but can vary from frame to frame as they operate independently even though they are linked.



Standard Electric



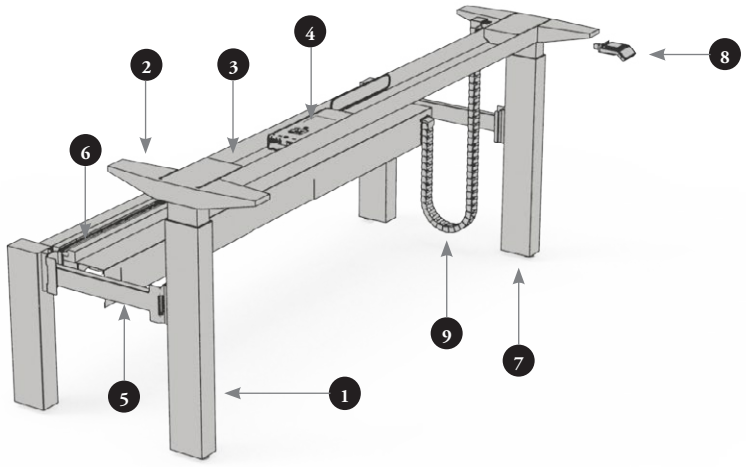
Extended Electric-Restricted



Extended Electric-Extended

understanding height-adjustable bench frames (continued)

single-sided frame

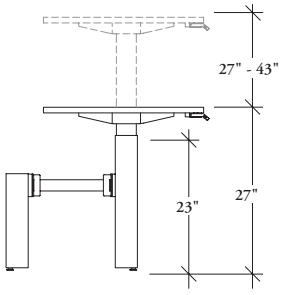


1. Navigate Leg
2. Strut
3. Center Channel
4. Control Box
5. Leg Brace
6. Wire Channel
7. Leveler
8. Switch
9. e-Chain

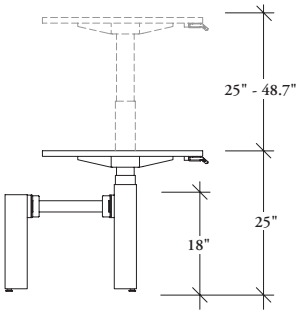
height-adjustment ranges

Three height ranges are available:
- Standard Electric
- Extended Electric - Restricted
- Extended Electric - Extended

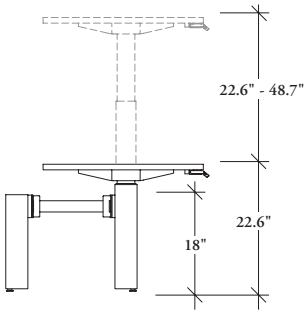
Each frame can have only one height-adjustment range, but can vary from frame to frame as they operate independently even though they are linked.



Standard Electric



Extended Electric-Restricted



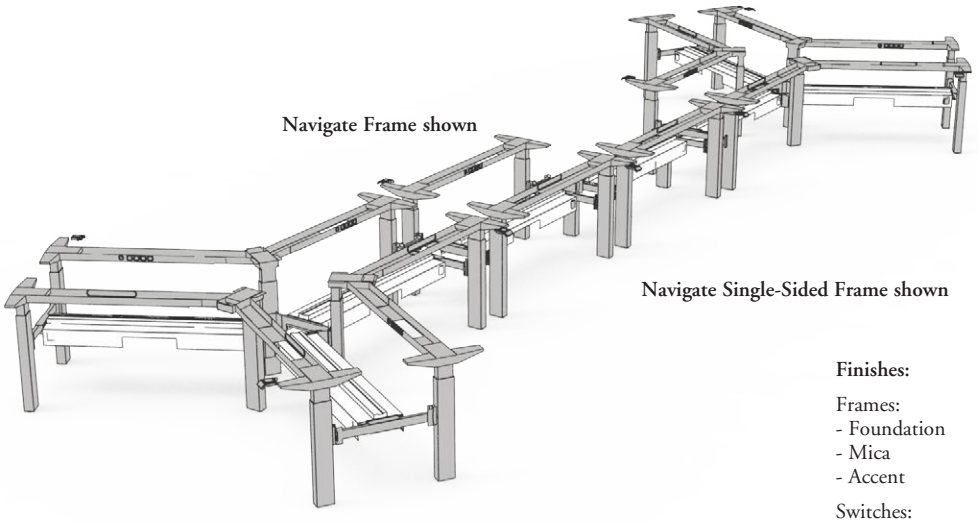
Extended Electric-Extended

frame basics

Navigate Height-Adjustable Bench begins with a Navigate Frame which can be linked to additional frames. Each frame section accommodates one, two or three users. The Navigate Frame matches the leg profile of Navigate freestanding, work and meeting tables.

Navigate 120 Frame shown

Navigate Frame shown



Navigate Single-Sided Frame shown

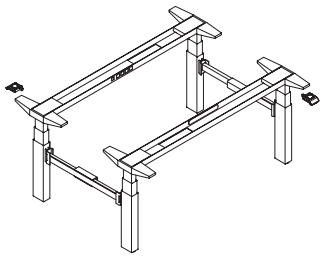
Finishes:

Frames:
- Foundation
- Mica
- Accent

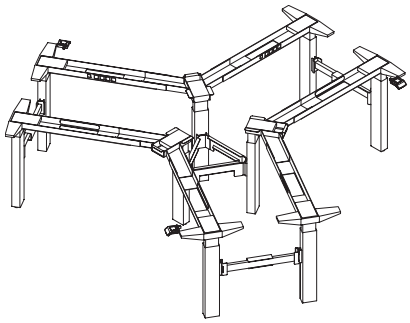
Switches:
Up/Down Memory
- Ebony Coordinate

Toggle Up/Down Memory and Display Toggle with Memory and Navigate GPS
- Anthracite
- Platinum
- Crisp Grey

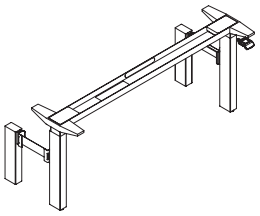
- Height-Adjustable Ranges
  - Standard Range (27"-43"),
  - Extended Range- Restricted (25"-48.7")
  - Extended Range- Extended (22.6"-48.7") electric mechanisms
- Switch Types
  - Display with Up/ Down Memory
  - Toggle Up/ Down
  - Display Toggle with memory and Navigate GPS
- Cross Channel Integrated Powerbar available
- Cable Management Accessories available:
  - Cable Organizer with Felt Cover
  - Dual Plastic Trays with Powerbar
  - Dual Plastic Trays



Navigate Frame (HNBFNA)
- Used with two rectangular worksurfaces to create a bench
- Depths:
  - 48", 60" and 72"
- Widths:
  - 46"-94" in 6" increments



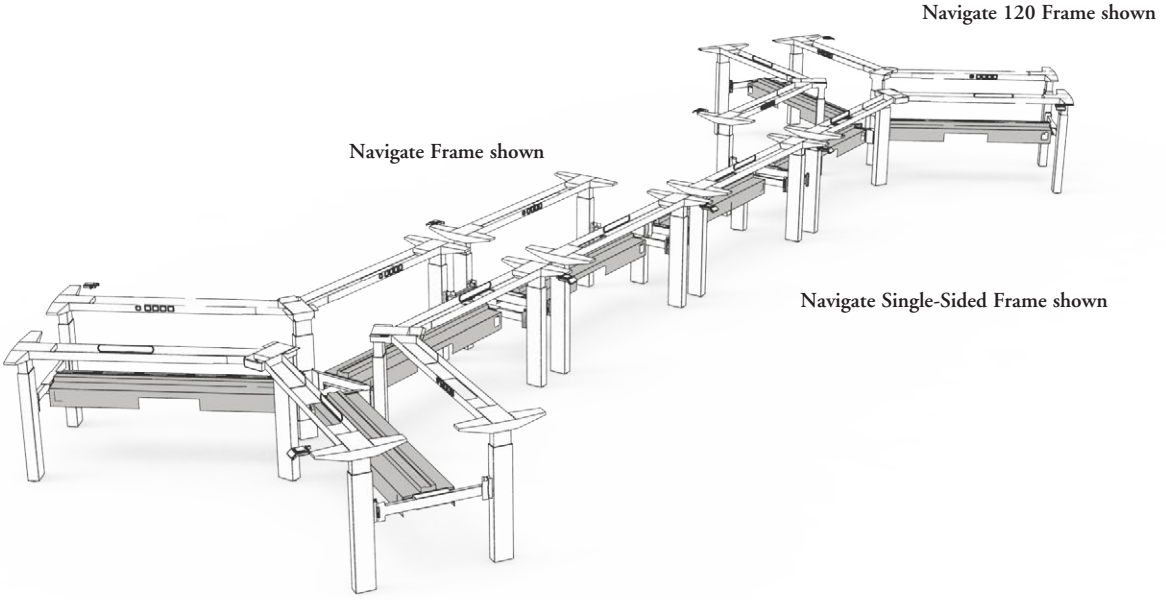
Navigate 120 Frame (HNBFNT)
- Used with three 120 worksurfaces to create a bench
- Depths:
  - 48" and 60"
- Widths:
  - 46", 52" and 58"



Navigate Single-Sided Frame (HNBFNZ)
- Used with one rectangular worksurfaces to create a bench
- Depths:
  - 24"and 30"
- Widths:
  - 46"-94" in 6" increments

frame accessory basics

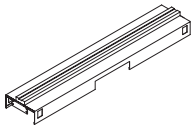
Navigate Height-Adjustable Bench offers options for linking frames to each other, the Interpret Bench and for concealing power.



Navigate 120 Frame shown

Navigate Frame shown

Navigate Single-Sided Frame shown

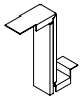


Navigate Wire Channel (HNBFCN)

- Mounts to the leg brace and conceals the power module, base feed, receptacles and power harness
- Depth:
  - 7"
- Widths:
  - 46"- 94" in 6" increments
- Available for Dual-Sided and Single-Sided Applications
- Navigate Wire Channel, Dual-Sided has a standard capacity of four duplex outlets (eight in total)
- Navigate Wire Channel, Single-Sided has a standard capacity of two duplex outlets (four in total)
- Includes data provision
- Includes removable side door for access to electrical outlets
- Finishes:
  - Foundation
  - Mica
  - Accent

Navigate Frame Link (HNBFNF)

- Used to connect two Navigate Height-Adjustable Frames together
- Contains two brackets, one package is required for each bench connection
- The link is concealed by Mid Covers and Mid Gables
- Finished in Ebony



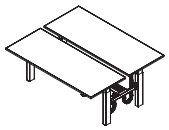
Navigate Systems Link (HNBFNS)

- Used to join an Interpret Bench Frame to a Navigate Height-Adjustable Frame
- Includes an integrated wire management channel to allow for the continuation of modular electrics between products
- Finishes:
  - Foundation
  - Mica
  - Accent

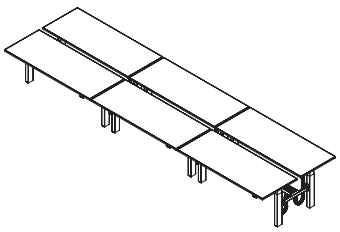
planning with frames

The following should be considered when planning with Frames.

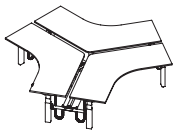
Rectangular, 120 and Single-Sided Frames can be combined to create simple or innovative workstations.



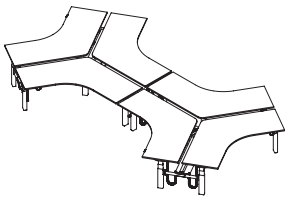
Rectangular Frame
Two workstations



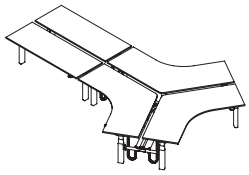
Rectangular Frames linked to each other
Six workstation cluster



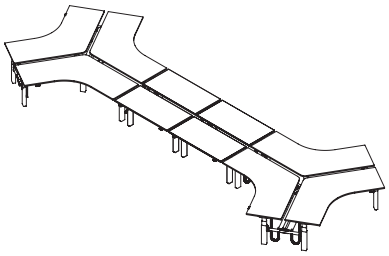
120 Frame
Three workstation cluster



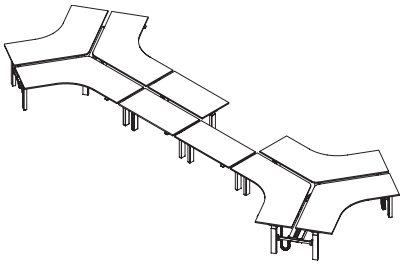
Two 120 Frames linked together
Six workstation cluster



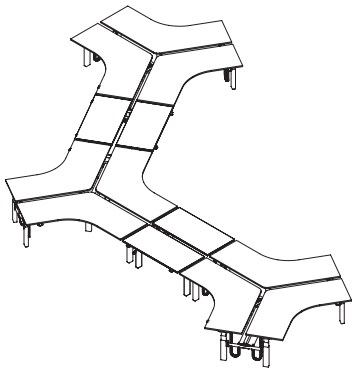
One 120 Frame linked to one rectangular frame
Five workstation cluster



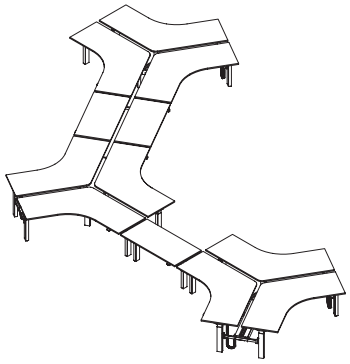
Two 120 Frames linked to two Rectangular Frames
- Ten workstation cluster
- Creates a dog bone style workstation



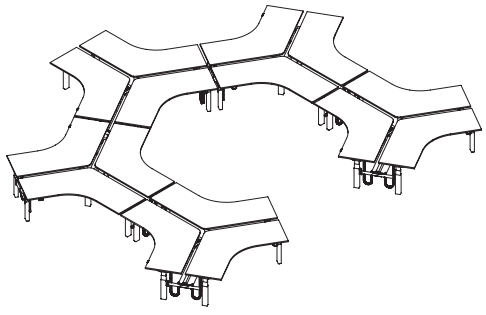
Two 120 Frames linked to one Rectangular Frame and one Single-Sided Frame
- Nine workstation cluster
- Creates a dog bone style workstation
- Single-Sided Frame allows for impediments when planning



Three 120 Frames linked to two Rectangular Frames
Thirteen workstation cluster or nine workstations with shared surfaces



Three 120 Frames linked to one Rectangular Frame and one Single-Sided Frame
Twelve workstation cluster or nine workstations with shared surfaces



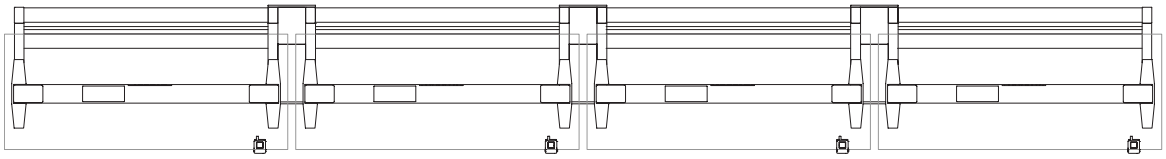
Five 120 Frames linked together
- Fifteen workstation cluster
- Creates a stock exchange style workstation

planning with frames (continued)

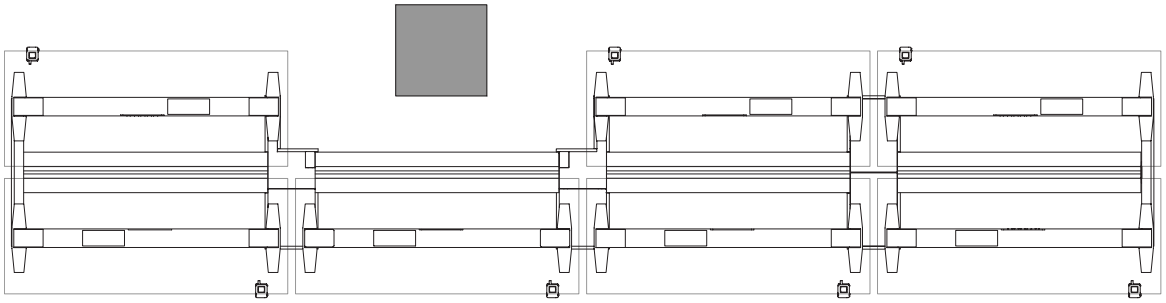
navigate single-sided frame

The Navigate Single-Sided Frame is paired with either Navigate Single-Sided Rectangular Worksurface (HNBWRS) or Navigate Single-Sided Rectangular Extended Worksurface (HNBWES) to create a Navigate Height-Adjustable Bench Single-Sided Stations.

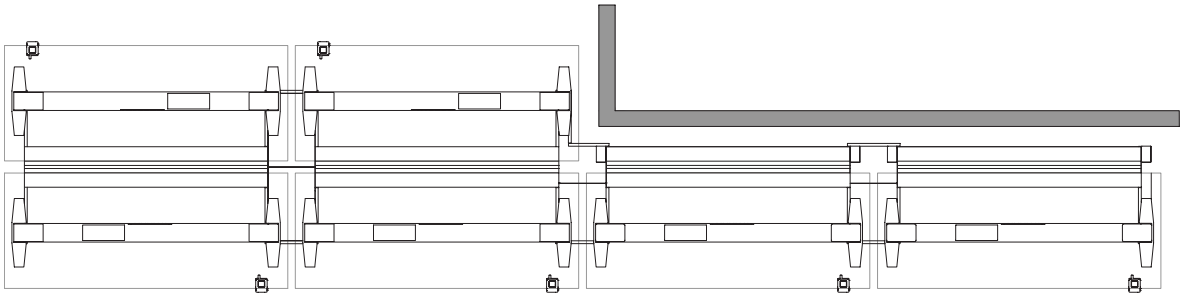
Single-Sided Bench



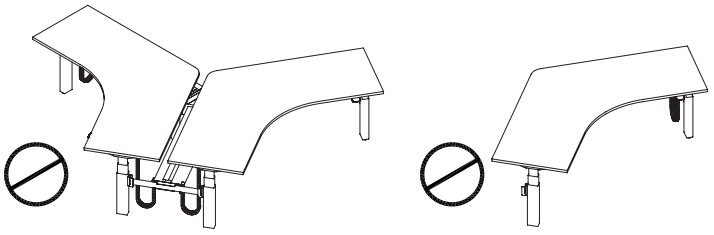
Column Condition



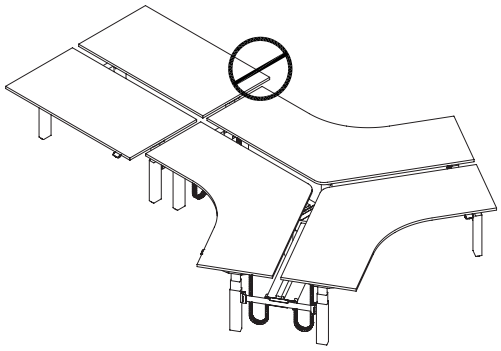
Wall Condition



planning with frames (continued)



Navigate 120 Frames always include three bases. Neither single or double user applications are possible.



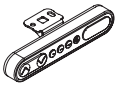
Navigate 120 Frames cannot be linked to 72" Navigate Rectangular Frames. All worksurfaces must be the same depth.

switches

NOTE: Display switches include the following:
- Ability to change units from imperial to metric
- Ability to display the actual height of the table

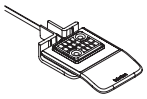
Three types of switches are offered;

1. Display with Up/Down Memory
2. Toggle Up/Down
3. Display Toggle with Memory and Navigate GPS



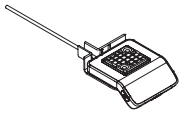
Display with Up/Down Memory (D)

- 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



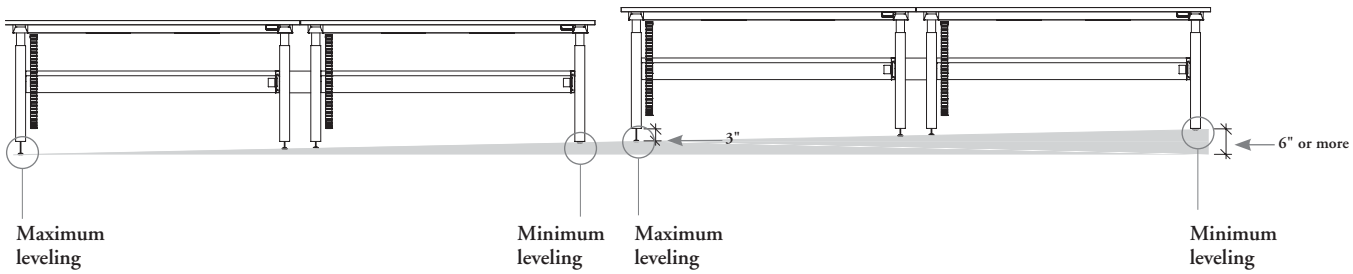
Display Toggle with Memory and Navigate GPS (X)

- Large display
- Four programmable memory settings
- Navigate GPS: Teknion's Sit/Stand Guides 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

leveling

Navigate Height-Adjustable Bench Frames allow for 3" of leveling. When more than 3" of leveling is required, a break in the bench run is necessary.

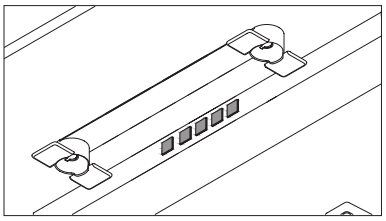
A site check prior to order is required to determine floor levels.



planning with frames (continued)

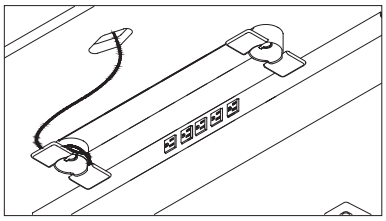
base frame integrated powerbar

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



No Electrics

- When no electrics are specified, a cover will be in place where electrics can be added
- Electrics can be added in the future

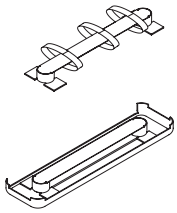


Cross Channel Integrated Powerbar

- Mounts inside the Cross Channel
- Four outlets and one internal cord that continues power through to the control box
- Available in table widths 46"-94"

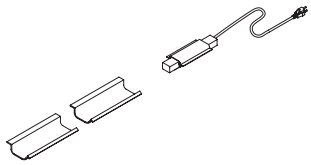
wire management

The following options are available for wire management below the worksurface. Each can be specified as an option on the Height-Adjustable Navigate Bench Frames.



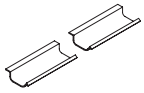
Cable Organizer with Felt Cover

- 7-1/2" width x 28" length
- Available on table widths 46" and larger
- Available on benches with 48", 60" depth (without central electrical grommet or rectangular grommet in center, without desk edge screen) and 72" depth
- Pilot holes on worksurfaces



Dual Plastic Trays with Powerbar

- Each Tray is 10" length x 4-3/4" width x 1-1/2" height
- Power Unit: 12" length x 1-1/4" width x 2" height
- Available on table widths 46" and larger
- Available on benches with 48", 60" and 72" depth
- No Pilot holes on worksurfaces



Dual Plastic Trays

- Each Tray is 10" length x 4-3/4" width x 1-1/2" height
- Available on table widths 46" and larger
- Available on benches with 48", 60" and 72" depth
- No pilot holes on worksurfaces

planning with frames (continued)

wire management for rectangular height-adjustable bench

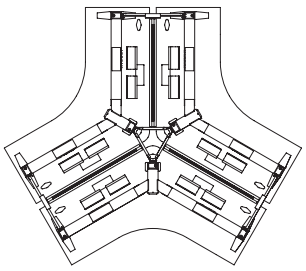
Dual Plastic Trays: Available in all worksurface widths and frame depths

Cable Organizer: Available in all worksurface widths for 48" and 60" frame depths provided no Central Electrical Grommets or Center Grommets are specified. Available in all worksurface widths for 72" frame depth.

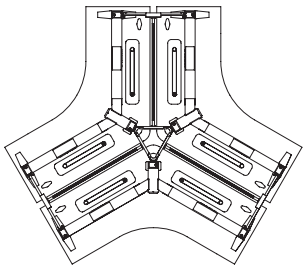
wire management for 120 height-adjustable bench

60" Depth Frame

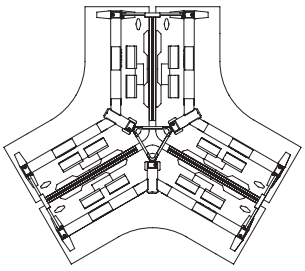
Dual Plastic Trays and Central Electrical Grommets are available in 28" and 29" deep Navigate 120 worksurfaces. Cable organizer with felt cover works for both worksurface depths provided no Central Electrical Grommets are specified.



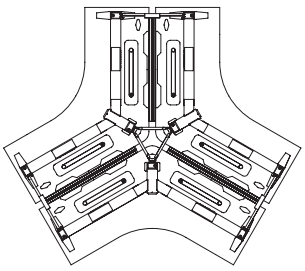
With Central Electrical Grommet, Dual Tray and Fixed Center Screen



With Felt Cover Cable Manager, and Fixed Center Screen



With Central Electrical Grommet, Dual Tray and Desk Edge Screen

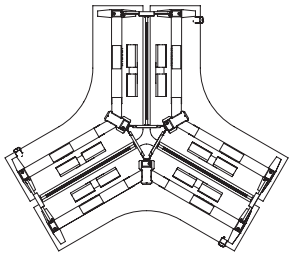


With Central Electrical Grommet, Dual Tray, Felt Cover Cable Manager, and Desk Edge screen

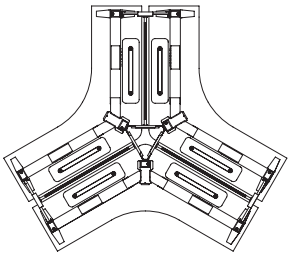
48" Depth Frame

Dual Plastic Trays and Central Electrical Grommets are available in 22" and 23" deep Navigate 120 worksurfaces.

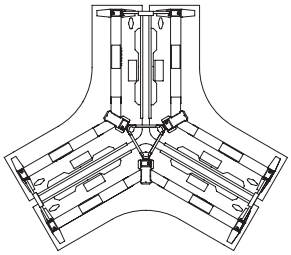
Cable organizer with felt cover works only for 23" deep worksurface provided no Central Electrical Grommets are specified.



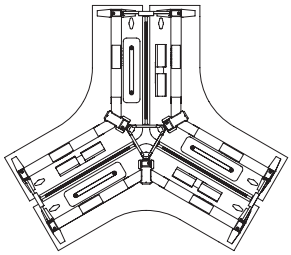
With Central Electrical Grommet and Fixed Center Screen



With Felt Cover Cable Manager, Integrated Power and Fixed Center Screen



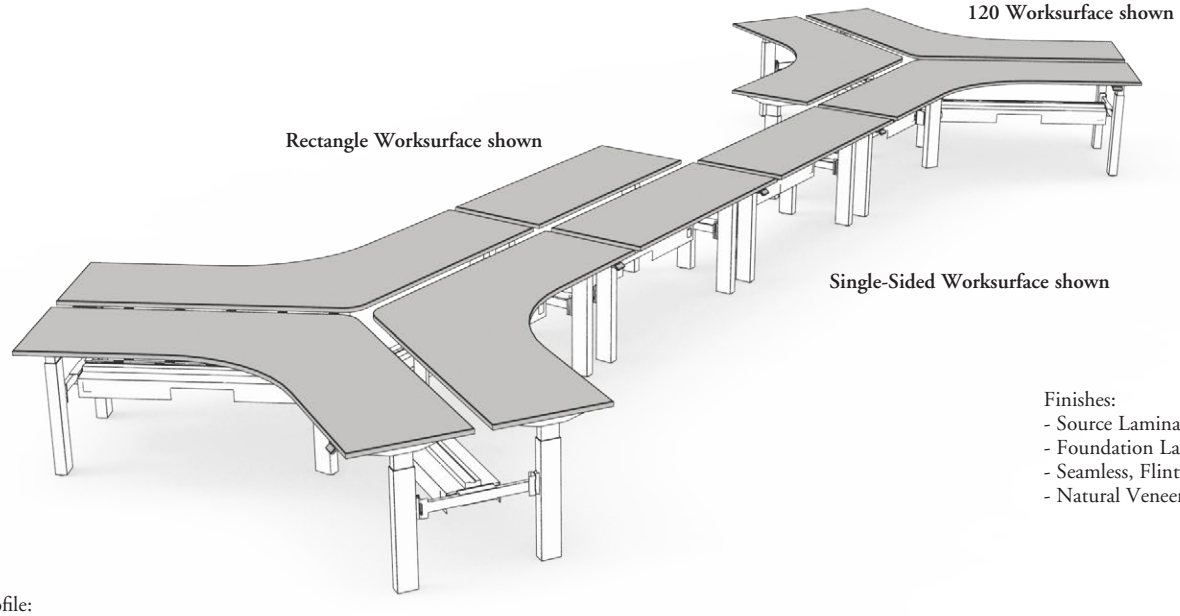
With Central Electrical Grommet and Desk Edge Screen



With Dual Tray, Felt Cover Cable Manager, Integrated Power and Desk Edge Screen

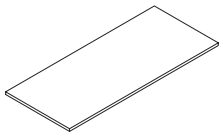
worksurface basics

Navigate Worksurfaces are available for Rectangular Frames and 120 Frames with a variety of center gap options to accommodate casual screens.



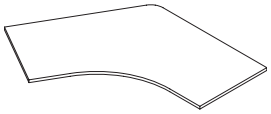
Finishes:
- Source Laminate
- Foundation Laminate
- Seamless, Flintwood
- Natural Veneer

- Corner profile:
  - Rounded
  - Square
- Cut out locations:
  - Left, Right and Center
  - Left and Right
  - Left
  - Right
  - Center



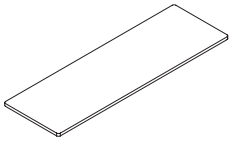
Navigate Rectangular Worksurface (HNBWRN)

- Depths:
  - 22", 23", 28", 29", 34" and 35"
  - All depths are nominal and actual depths are half inch less than nominal depth to allow screen space
- Widths:
  - 46"-94" in 6" increments
  - All widths are actual to match the frame widths



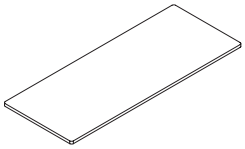
Navigate 120 Worksurface (HNBWTN)

- Depths:
  - 22", 23", 28" and 29"
  - All depths are nominal and actual depths are half inch less than nominal depth to allow screen space
- Widths:
  - 46", 52" and 58"
  - All widths are actual, to match the frame widths
- Center Electrical Grommets locations:
  - Left and Right
  - Left
  - Right



Navigate Single-Sided Rectangular Worksurface (HNBWRS)

- Depths:
  - 22", 23", 28" and 29"
  - All depths are nominal and actual depths are half inch less than nominal depth to allow screen space
- Widths:
  - 46"-94" in 6" increments
  - All widths are actual to match the frame widths



Navigate Single-Sided Rectangular Extended Worksurface (HNBWES)

- Depths:
  - 28" and 34"
  - All depths are actual
- Widths:
  - 46"-94" in 6" increments
  - All widths are actual to match the frame widths

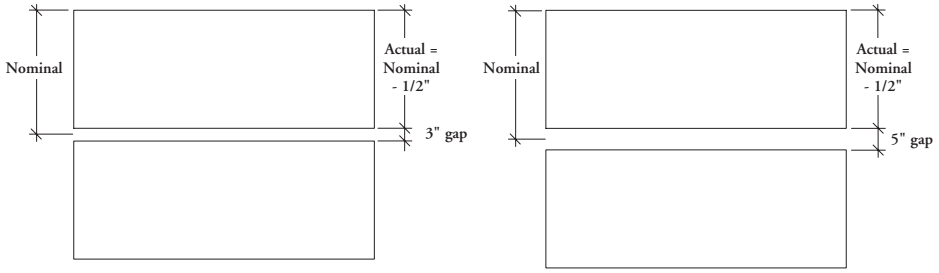
planning with worksurfaces

The following should be considered when planning with Navigate Worksurfaces.

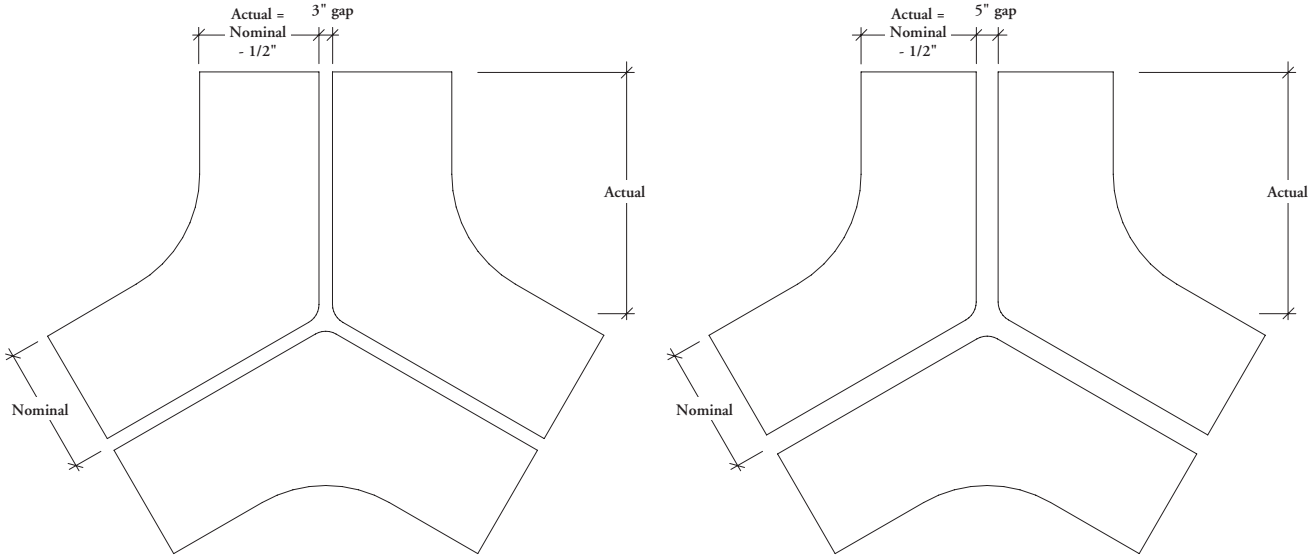
depths and widths

Depths of Navigate Rectangular Worksurface, Navigate 120 Worksurface and Single-Sided Worksurface are always nominal. Actual depth is 1/2" less to provide a 3" or 5" gap for space division. Depths for Navigate Rectangular Single-Sided Extended Worksurfaces are always actual. Widths for all worksurfaces are actual.

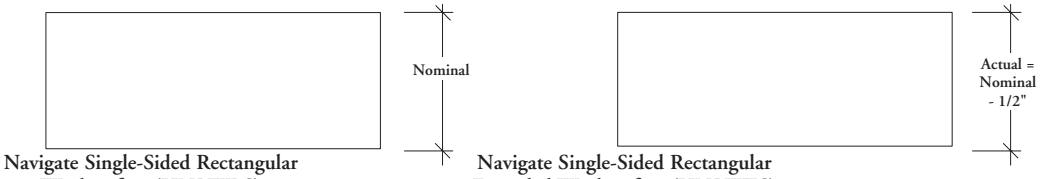
Navigate Rectangular Worksurface



Navigate 120 Worksurface



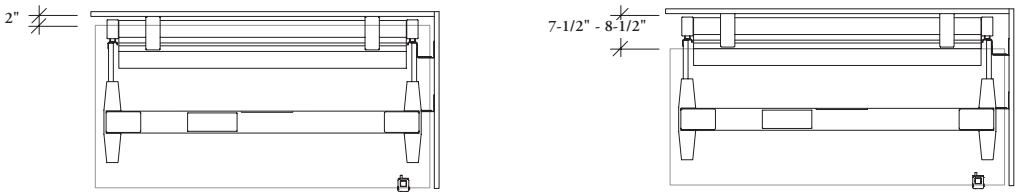
Navigate Single-Sided Extended Worksurface



Navigate Single-Sided Rectangular Worksurface (HNBWRS)

Navigate Single-Sided Rectangular Extended Worksurface (HNBWES)

There is a 2" gap between a Navigate Single-Sided Rectangular Extended Worksurface and Corridor Screen.



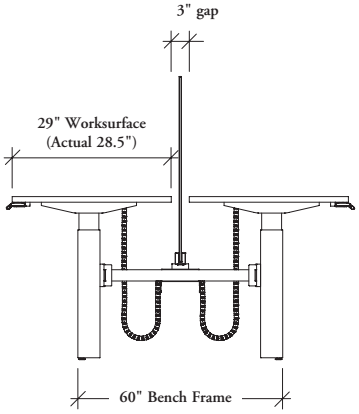
Navigate Single-Sided Rectangular Extended Worksurface with Corridor Screens

Navigate Single-Sided Rectangular Worksurface with Corridor Screens

planning with worksurfaces (continued)

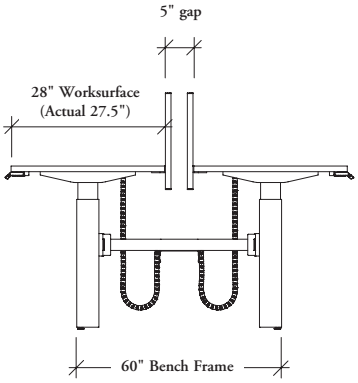
Worksurfaces for dual-sided applications are available with the following gaps:

- 3" to allow for a screen that is fixed to the frame
- 5" to allow for two screens mounted to the worksurfaces
- 5" to allow for a screen fixed to the frame, and two screens mounted to the worksurface



When a 3" gap is required for a frame mounted screen, the following worksurface depths are used on each of the frame depths

- 23" deep worksurface on 48" deep frame
- 29" deep worksurface on 60" deep frame
- 35" deep worksurface on 72" deep frame (72" depth is not available on a 120 Frame)

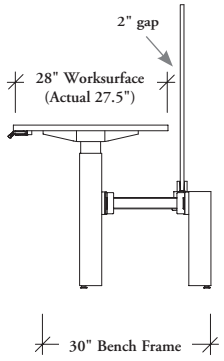


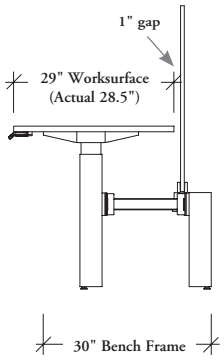
When a 5" gap is required for a frame mounted screen, the following worksurface depths are used on each of the frame depths

- 22" deep worksurface on 48" deep bench
- 28" deep worksurface on 60" deep bench
- 34" deep worksurface on 72" deep bench (72" depth is not available on a 120 Frame)

Single-Sided Rectangular Worksurfaces with Fixed Center Screens

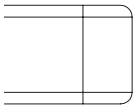
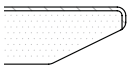
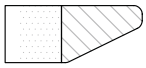
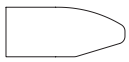
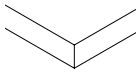
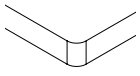
- There is a 1" or 2" gap between the Navigate Single-Sided Rectangular Worksurface and Fixed Centre Screen depending on what what depth of worksurface is specified.





planning with worksurface edges

The following chart outlines the finishes available on each edge type.

	Source Laminate	Foundation Laminate Surface	Seamless Color Surface	Flintwood Surface	Natural Veneer Surface
Flat (8) All Edges		✓			
Flat (9) All Edges				✓	✓
Flat (G) All Edges 			✓		
Full Knife (H) 		✓		✓	✓
Full Knife (X) All Edges 			✓		
Straight Trim (6) User Edge	✓	✓			
Bullnose Trim (2) User Edge		✓			
Seamless Eased Edge (E) User Edge 			✓		
Straight User Edge 	✓	✓	✓	✓	✓
Radius User Edge 	✓	✓	✓	✓	✓

- Full Knife, Eased and Bullnose edge details are only on the user side. Non-user edges are always Flat Trim
- Bullnose user edge detail will always have a Straight profile on the ends. All other corner profiles are as selected

planning with worksurface cut outs & grommets

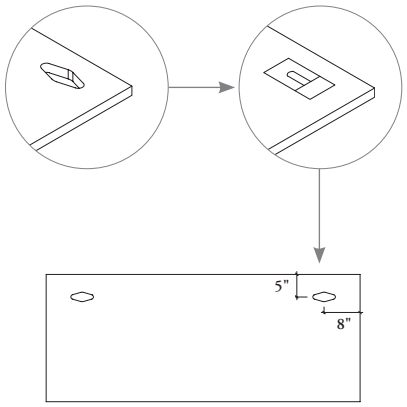
When planning with worksurface cut outs and grommets two options are available:

- Rectangular Cut Out which allows cords to be routed from the worksurface top to below the worksurface (they are diamond shaped and include a rectangular cover)
- Center Electrical Grommet which allows items to be plugged in on the worksurface and for usb

rectangular cut out

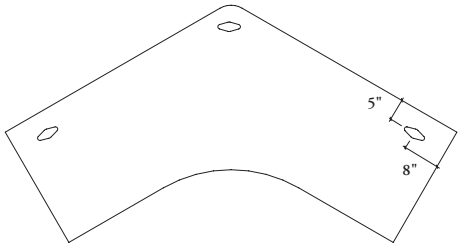
Cut out locations:
- 5" on center from the non-user edge
- 8" on center from the side edge

Available:
- Left, Right and Center
- Both Left and Right
- Left
- Right
- Center (if a Center Electrical Grommet is specified a center mounted cut out cannot be specified) for Rectangular Worksurfaces



Rectangular Grommet (YEEG) cap must be specified separately and is available through Complements: *Teknion's Ergonomics & Accessories* Program.

Navigate Rectangular Worksurface (Single-Sided and Dual-Sided applications)

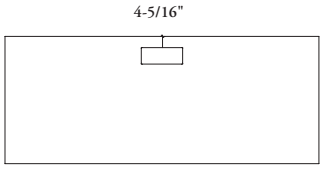


Navigate 120 Worksurface

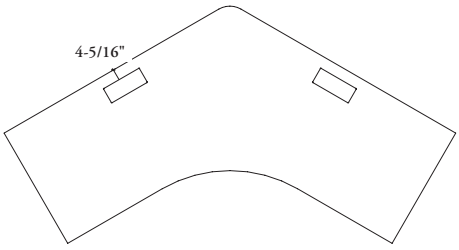
center electrical grommet

Grommet locations:

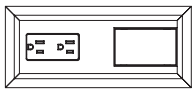
- Rectangular Worksurface:
  - 4-5/16" from the non-user edge
  - Center only
- 120 Worksurface:
  - 4-5/16" from the non-user edge
  - Center left
  - Center right



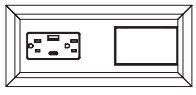
Navigate Rectangular Worksurface (Single-Sided and Dual-Sided applications)



Navigate 120 Worksurface



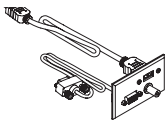
Two Receptacles (Left) Communication/Data Opening (Right)



Two Receptacles, 1 USB-A and 1 USB-C (Left) Communication/Data Opening (Right)

Center Electrical Grommet

- Can be specified directly on rectangular communication/data opening of the Center Electrical Grommet
- Finished in Grey
- Three configurations are available:



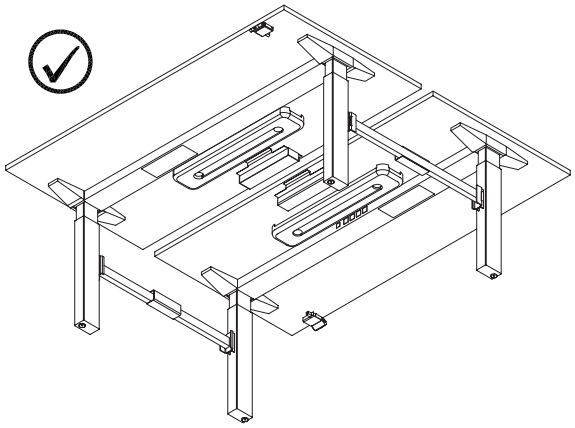
Audio Video Interface (A)
– One HDMI with 36" patch cord attached
– One 15pin VGA with 60" patch cord attached
– One Mini Stereo Inline F/F

Dual Data (B)
– Two RJ-45 Cat6 data jack

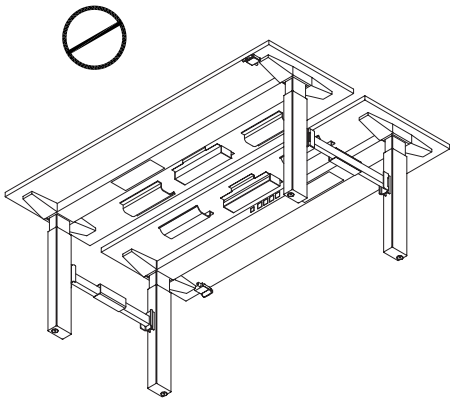
Quad Data (C)
– Four RJ-45 Cat6 data jack

planning with worksurface cut outs & grommets (continued)

Center Electrical Grommet can only be specified with Cable Organizer with Felt Cover with 72" depth Navigate Rectangular Frames. Center Electrical Grommet **will not** work with Integrated Power Bar.



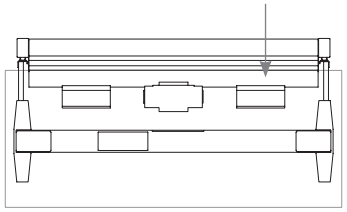
72" deep Navigate Rectangular Frames



48" deep Navigate Rectangular Frames

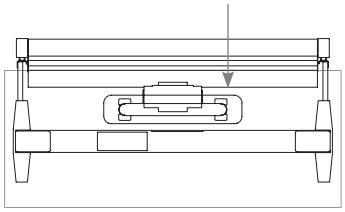
If you specify the Center Electrical Grommet for a Single-Sided Frame application, only the Dual Plastic Trays can be specified for wire management.

Dual Plastic Tray



58" Rectangle Worksurface with Center Electrical Grommet Dual Plastic Trays

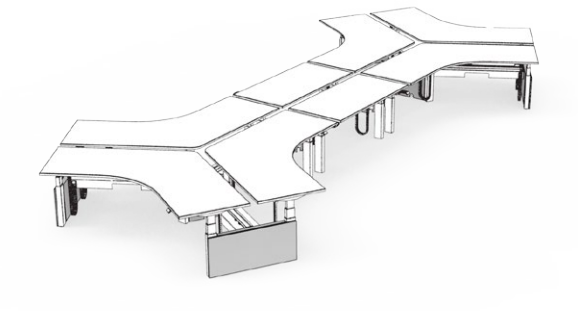
Felt Cover Cable Organizer



58" Rectangle Worksurface with Center Electrical Grommet and Felt Cover Cable Organizer

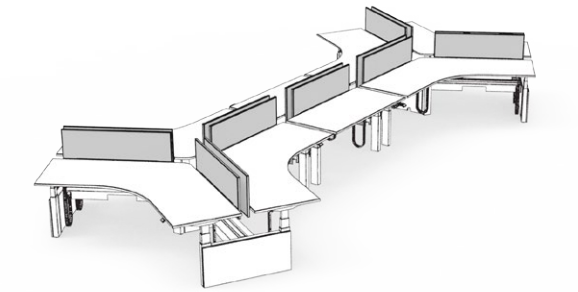
understanding space division

An variety of screens and covers are available to provide privacy for Navigate Height-Adjustable Bench users.



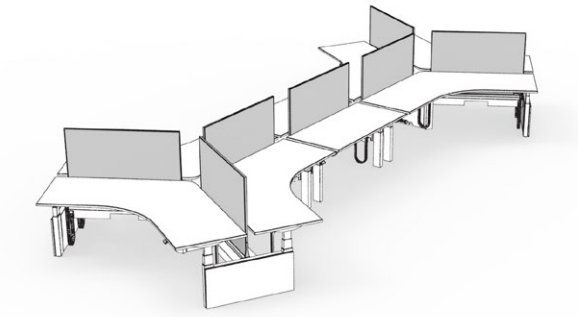
mid and end covers & mid and end gables

Mid and End Covers and Mid and End Gables conceal the leg braces and wire connections from one frame to the next in the bench.



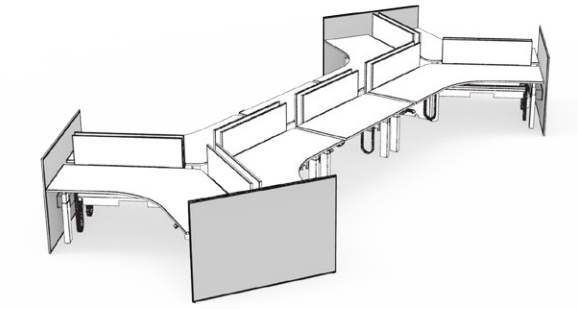
desk edge screens

Desk edge screens provide privacy and raise and lower with the worksurface when user adjusts the height for their workstation.



fixed center screens

Fixed center screens provide privacy in the seated position and maintain a uniform datum height when the workstations are at different heights..

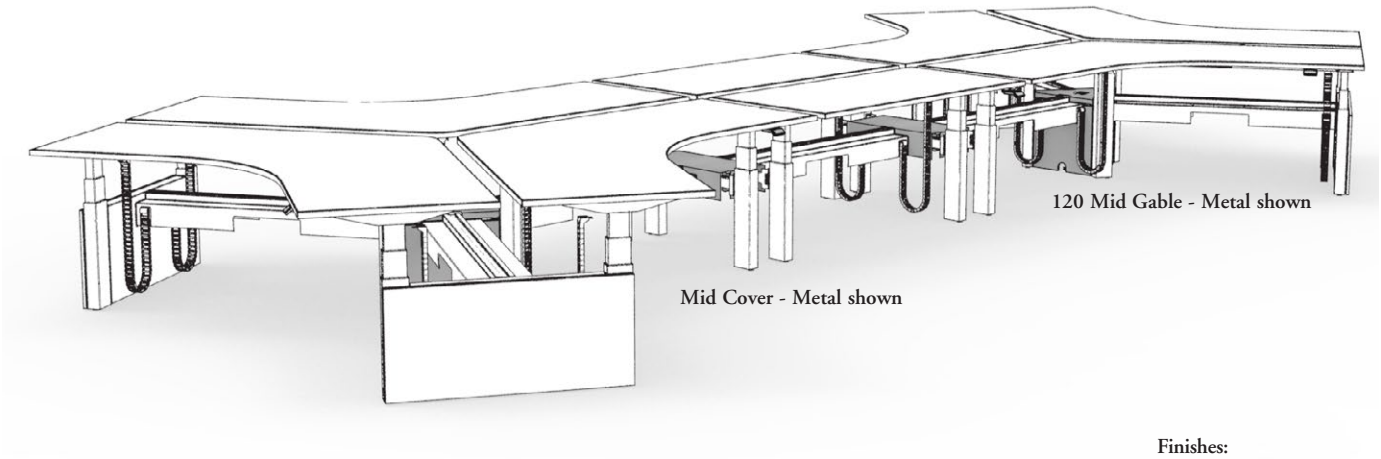


end of run screens

End of run screens provide privacy and spatial division at the end of a bench.

mid & end covers basics

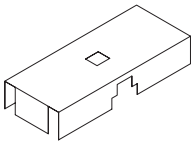
Mid and End Covers are available to conceal the exposed leg of the Frame.



Depths:
• 48", 60" and 72" to match frame sizes

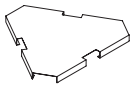
Finishes:

• Solid and Metal Covers:
- Foundation
- Mica
- Accent



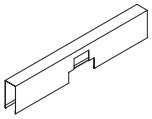
Navigate Mid Cover - Metal (HNBCCMMN)

• Conceals the mid leg brace in rectangular frame applications
• Power pole option is available
• Wire Channel option is available



Navigate 120 Mid Cover - Metal (HNBCCMMT)

• Conceals the mid leg brace in 120 frame applications
• Power pole option is available
• Wire Channel option is available



Navigate End Cover - Metal (HNBCCEMN)

• Conceals the end leg brace in rectangular and 120 frame applications

Navigate Single-Sided Mid Cover - Metal (HNBCCMMS)

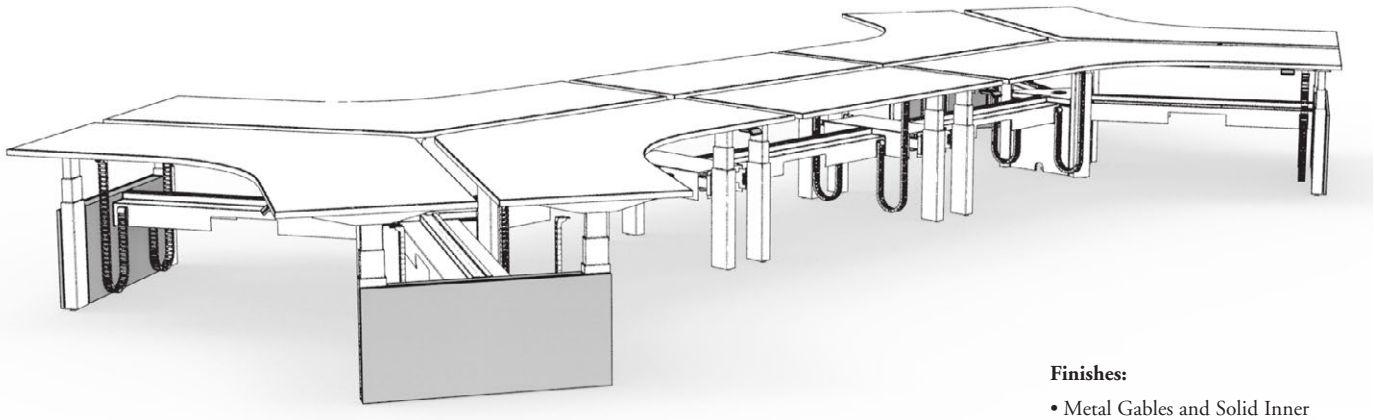
• Conceals the Navigate Single-Sided Frame leg brace in the mid location
• Cannot be used with a Power Pole

Navigate Single-Sided End Cover - Metal (HNBCCEMS)

• Conceals the Navigate Single-Sided Frame leg brace at the start or end of a run
• Power Pole option is available

mid & end gables basics

Mid and End Gables are available to conceal the end and mid leg braces and extend to the floor.

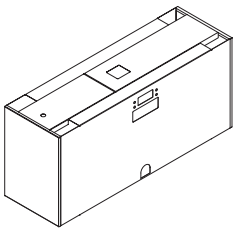


Solid End Gable shown

Finishes:

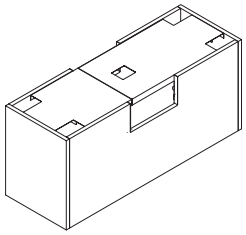
- Metal Gables and Solid Inner Gables:
  - Foundation
  - Mica
  - Accent
- Solid Outer Gables:
  - Source Laminate
  - Flintwood
  - Natural Veneer

Depths:
- 48", 60" and 72" to match frame sizes



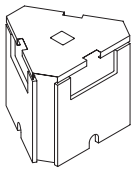
Navigate Mid Gable - Metal (HNBCGMMN)

- Conceals the mid leg brace and extends to the floor in rectangular frame applications
- Power pole option is available
- Base feed option is available



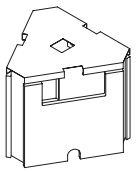
Navigate Mid Gable - Solid (HNBCGMSN)

- Conceals the mid leg brace and extends to the floor in rectangular frame applications
- Power pole option is available
- Base feed option is available



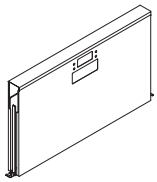
Navigate 120 Mid Gable - Metal (HNBCGMMT)

- Conceals the mid leg brace and extends to the floor in 120 frame applications
- Power pole option is available
- Base feed option is available



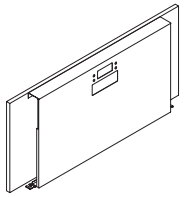
Navigate 120 Mid Gable - Solid (HNBCGMST)

- Conceals the mid leg brace and extends to the floor in 120 frame applications
- Power pole option is available
- Base feed option is available



Navigate End Gable - Metal (HNBCGEMN)

- Conceals the end leg brace and extends to the floor in rectangular and 120 frame applications

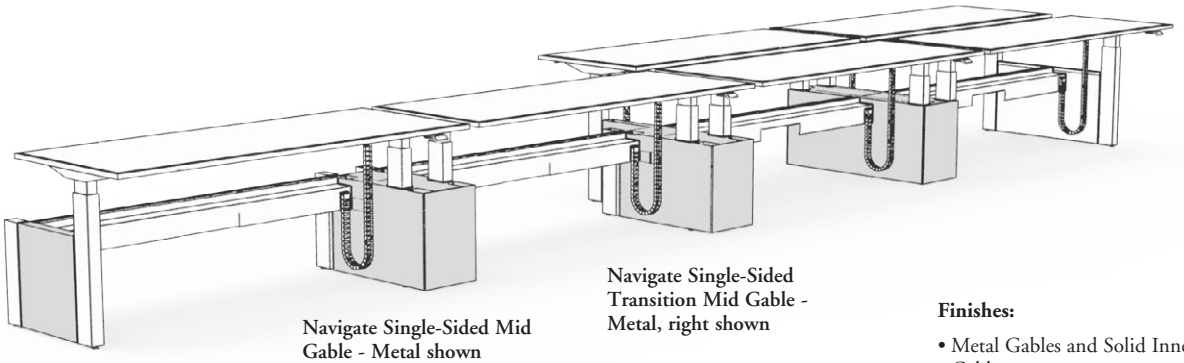


Navigate End Gable - Solid (HNBCGESN)

- Conceals the end leg brace and extends to the floor in rectangular and 120 frame applications

mid & end gables basics (continued)

Mid and End Gables are available to conceal the end and mid leg braces and extend to the floor.



Navigate Single-Sided End Gable - Metal shown

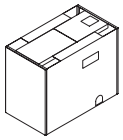
Navigate Single-Sided Mid Gable - Metal shown

Navigate Single-Sided Transition Mid Gable - Metal, right shown

- Depths:
  - 48", 60" and 72" to match frame sizes

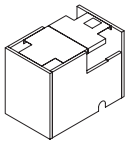
Finishes:

- Metal Gables and Solid Inner Gables:
  - Foundation
  - Mica
  - Accent
- Solid Outer Gables:
  - Source Laminate
  - Flintwood
  - Natural Veneer



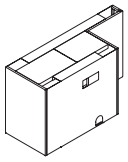
Navigate Single-Sided Mid Gable - Metal (HNBCGMMS)

- Attaches to the Navigate Single-Sided Frame and the Navigate Height-Adjustable Bench Frame or 120 Frame leg braces in the mid locations in a run
- Power pole option is available
- Base feed option is available



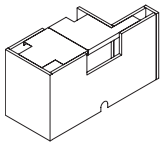
Navigate Single-Sided Mid Gable - Solid (HNBCGMSS)

- Attaches to the Navigate Single-Sided Frame and the Navigate Height-Adjustable Bench Frame or 120 Frame leg braces in the mid locations in a run
- Power pole option is available
- Base feed option is available



Navigate Single-Sided Transition Mid Gable - Metal (HNBCGMMR)

- Attaches to the Navigate Single-Sided Frame and the Navigate Height- Adjustable Bench Frame or 120 Frame leg braces in the mid locations in a run
- Base feed option is available
- Left or right handed option is available

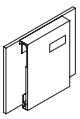


Navigate Single-Sided Transition Mid Gable - Solid (HNBCGMSR)

- Attaches to the Navigate Single-Sided Frame and the Navigate Height-Adjustable Bench Frame or 120 Frame leg braces in the mid locations in a run
- Base feed option is available
- Left or right handed option is available

Navigate Single-Sided End Gable - Metal (HNBCGEMS)

- Attaches to the Navigate Single-Sided Frame leg brace



Navigate Single-Sided End Gable - Solid (HNBCGESS)

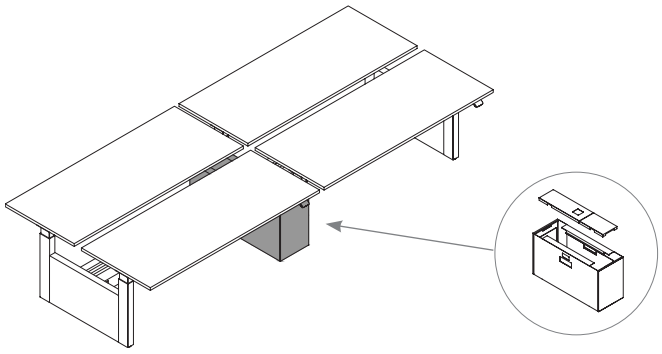
- Attaches to the Navigate Single-Sided Frame leg brace

planning with mid & end gables

The following should be considered when planning with Mid & End Gables.

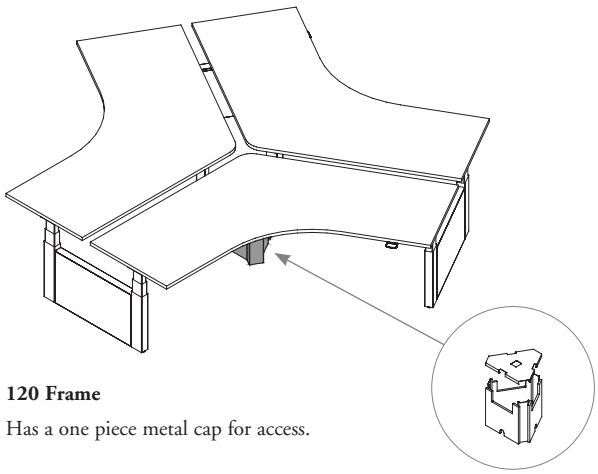
mid gables

Solid and Metal mid gables wrap around the frame to conceal the legs.



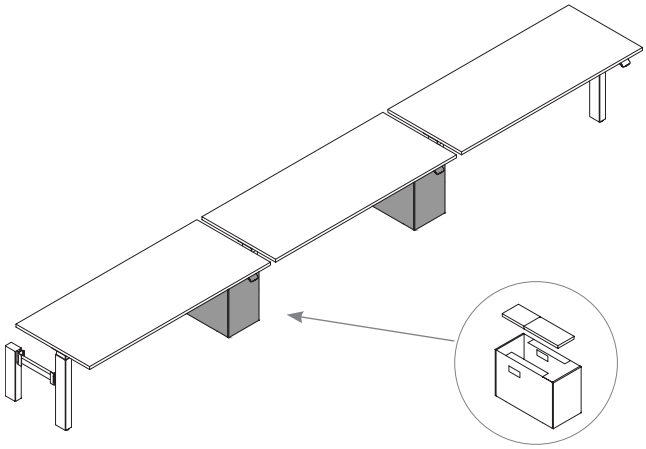
Rectangular Frame

Has a two piece metal cap for access.



120 Frame

Has a one piece metal cap for access.



Single-Sided Frame

Has a two piece metal cap for access.

planning with mid & end gables (continued)

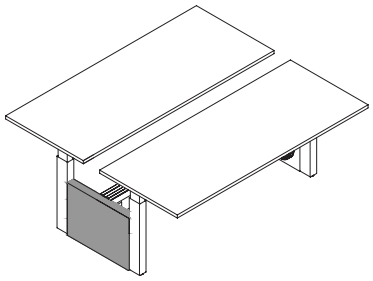
end gables

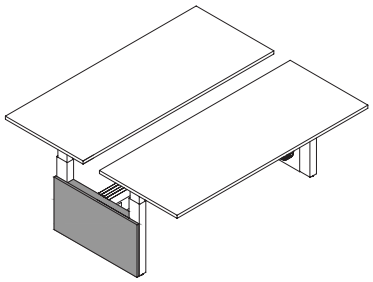
Metal

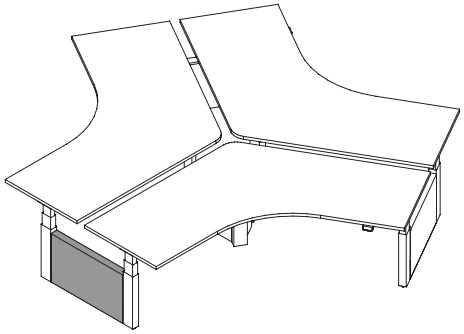
The Metal End Gable is an infill that aligns with the legs of the frame.

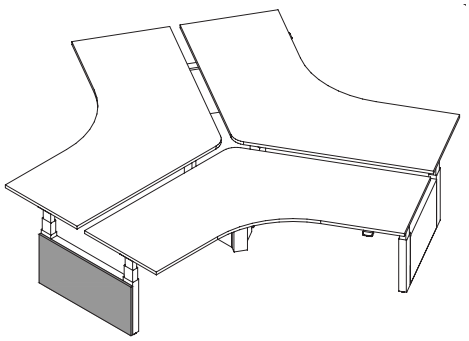
Solid

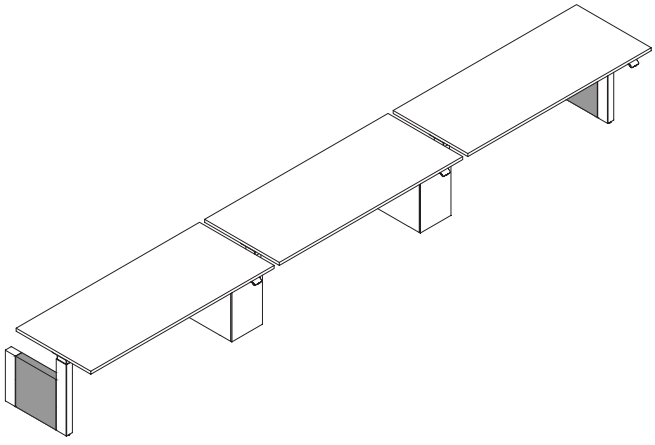
The Solid End Gable is outward facing only and does **not** wrap around the legs of the frame. The leg brace is covered with a metal infill to the floor.

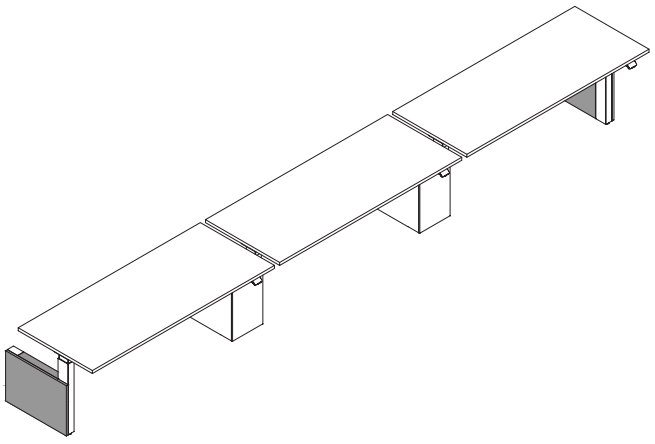










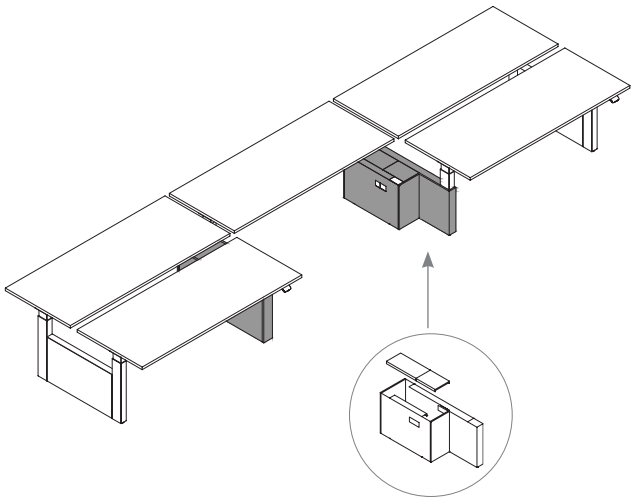


planning with mid & end gables (continued)

transition gables

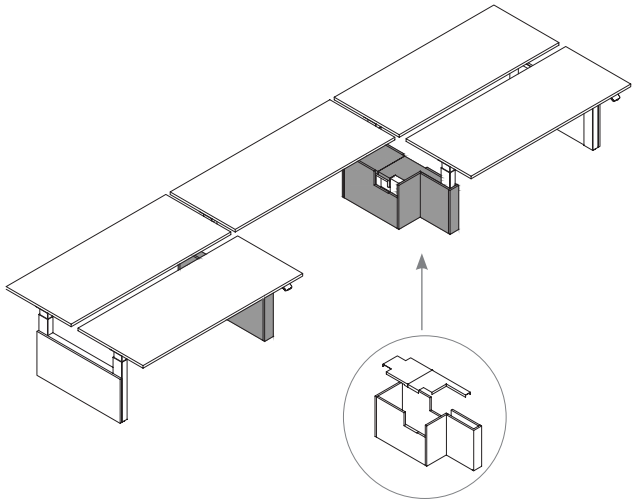
Metal

The Transition Gable - Metal is an infill that aligns with the legs of the Rectangular Frame and Single-Sided Frame.

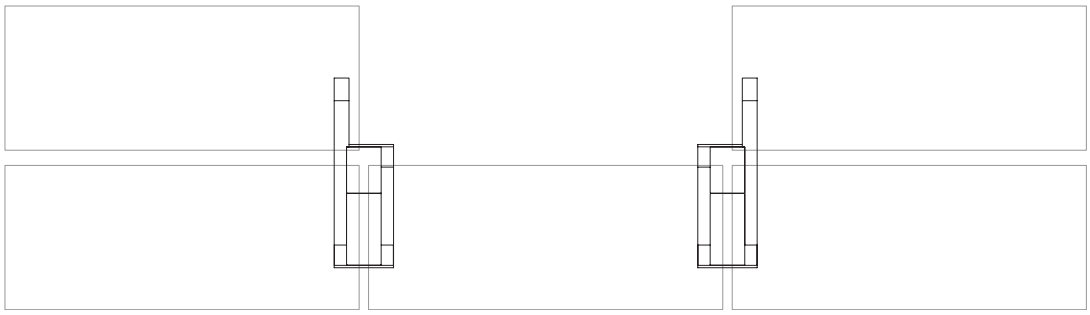


Solid

The Transition Gable - Solid is an infill that aligns with the legs of the Rectangular Frame and Single-Sided Frame.



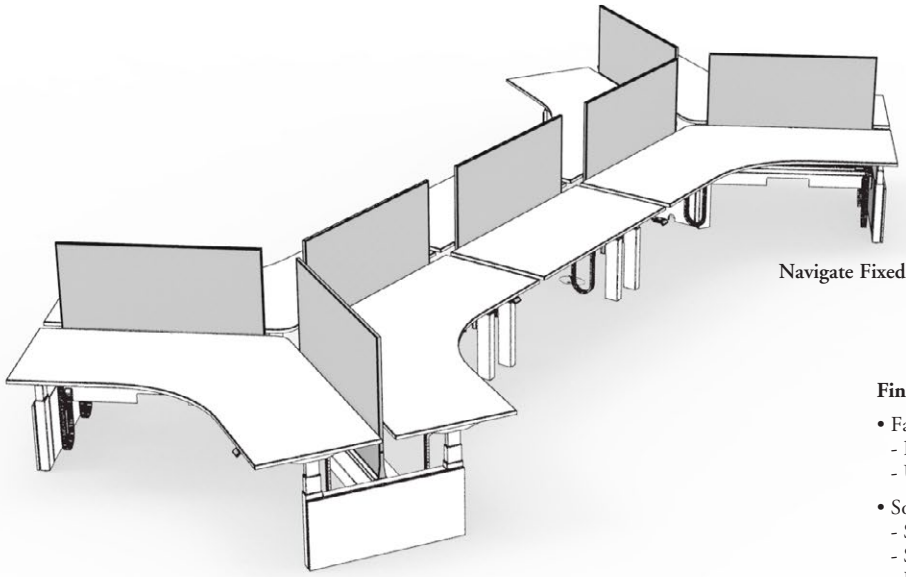
Transition gables are handed.



Left Hand **Right Hand**

fixed center screen basics

Fixed Center Screens mount to the accessory beam of the Navigate Height-Adjustable Bench to provide privacy between users.

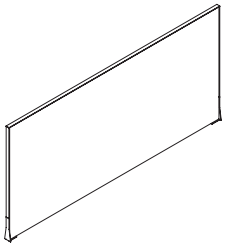


Navigate Fixed Center Screen - Fabric shown

- Used with worksurfaces that provide a 3" gap
- Heights:
  - 33" to achieve a 51" height datum

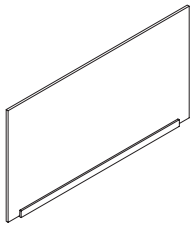
Finishes:

- Fabric:
  - Panel Fabrics Gr. A, 1-5 COM
  - Upholstery Fabrics Gr. 1-10 COM
- Solid:
  - Source Laminate
  - Seamless
  - Flintwood
  - Natural Veneer
- Glass:
  - Clear
  - Frost
- Trim bracket:
  - Foundation
  - Mica
  - Accent



Navigate Fixed Center Screen - Fabric (HNBCFF)

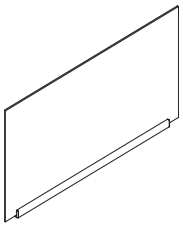
- Mounts to the accessory beam to provide solid privacy between users with a softer fabric aesthetic
- Available for inset applications
  Inset Screen:
  - 12" narrower than the nominal dimension, providing a 6" inset on each side
- Widths:
  - 46" to 82" widths in 6" increments
- Glass thickness:
  - 10mm



Navigate Fixed Center Screen - Solid (HNBCFS)

- Mounts to the accessory beam to provide solid privacy between users
- Available for full width or inset applications
  Inset Screen:
  - 12" narrower than the nominal dimension, providing a 6" inset on each side

  Full Screen:
  - 4" narrower than the nominal dimension, providing a 2" inset on each side
- Widths:
  - 46" to 94" widths in 6" increments



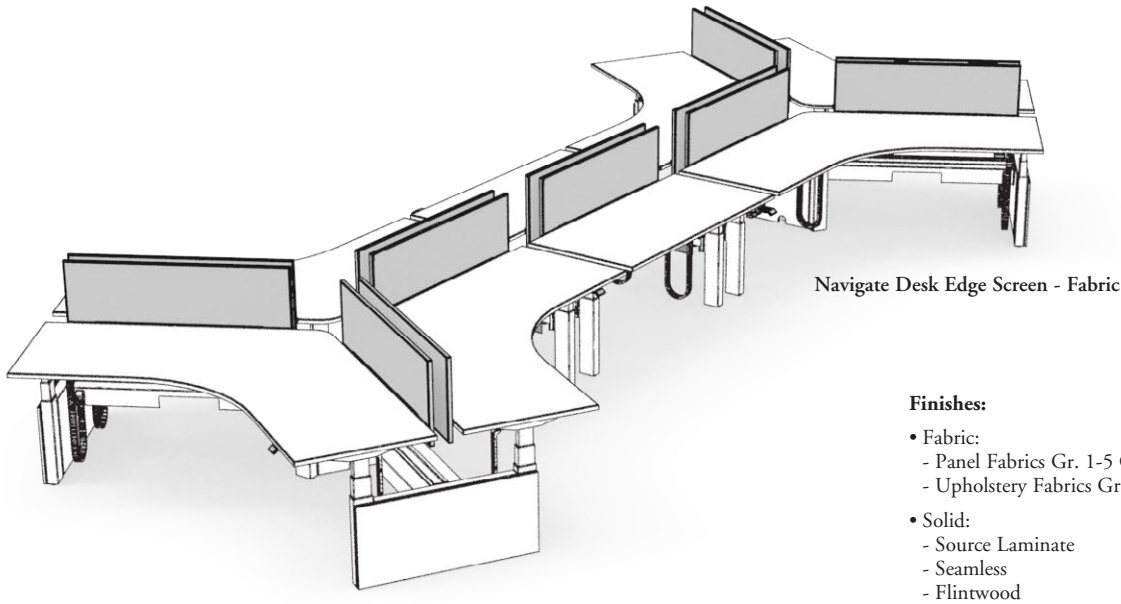
Navigate Fixed Center Screen - Glass (HNBCFG)

- Mounts to the accessory beam to provide translucent privacy between users
- Available for full width or inset applications
  Inset Screen:
  - 12" narrower than the nominal dimension, providing a 6" inset on each side

  Full Screen:
  - 4" narrower than the nominal dimension, providing a 2" inset on each side
- Widths:
  - 46" to 82" widths in 6" increments
- Glass thickness:
  - 10mm

desk edge screen basics

Desk Edge Screens mount to the Navigate Rectangular Worksurfaces to provide privacy between users and moves with the worksurfaces as the height changes.

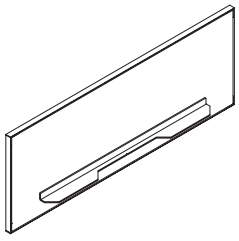


Navigate Desk Edge Screen - Fabric shown

- Used with worksurfaces that provide 5" gap
- Heights:
  - 13" and 22" to achieve 42" and 51" datum

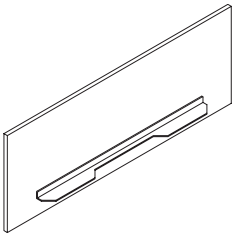
Finishes:

- Fabric:
  - Panel Fabrics Gr. 1-5 COM
  - Upholstery Fabrics Gr. 1-10 COM
- Solid:
  - Source Laminate
  - Seamless
  - Flintwood
  - Natural Veneer
- Glass:
  - Clear
  - Frost
- Trim bracket:
  - Foundation
  - Mica
  - Accent



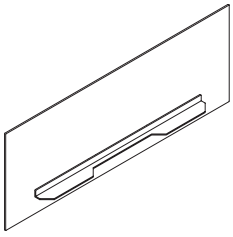
Navigate Desk Edge Screen - Fabric (HNBCDF)

- Widths:
  - 46" to 82" in 6" increments



Navigate Desk Edge Screen - Solid (HNBCDS)

- Widths:
  - 46" to 94" in 6" increments



Navigate Desk Edge Screen - Glass (HNBCDG)

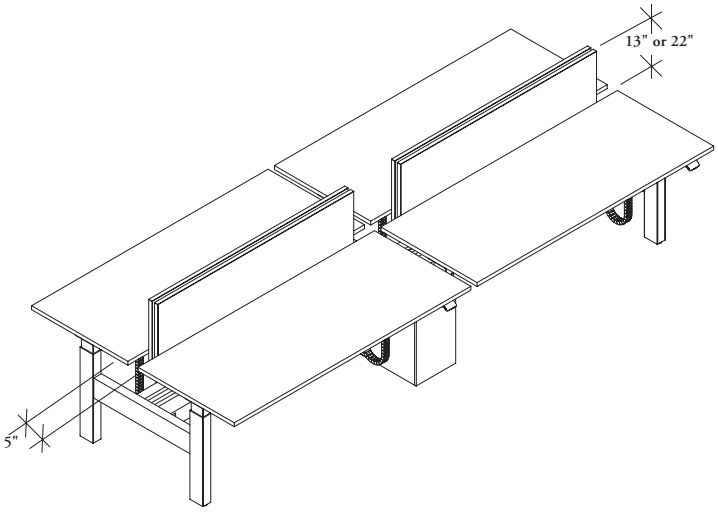
- Widths:
  - 46" to 82" in 6" increments
- Available in 6mm or 10mm thicknesses

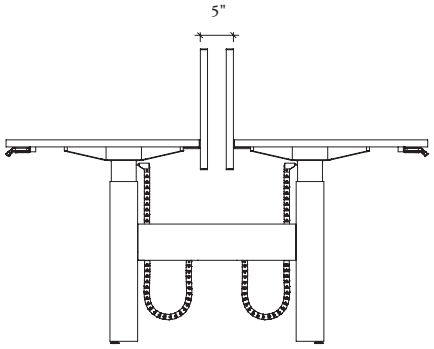
planning with fixed & desk edge screens

The following should be considered when planning with fixed and desk edge screens.

Screens extend 3 1/2" below the worksurface.

Two screen heights available to provide the most user privacy when worksurfaces are at different heights:
- 13" height, which is best suited for Standard Range frames
- 22" height, which is best suited for Extended Range Frames

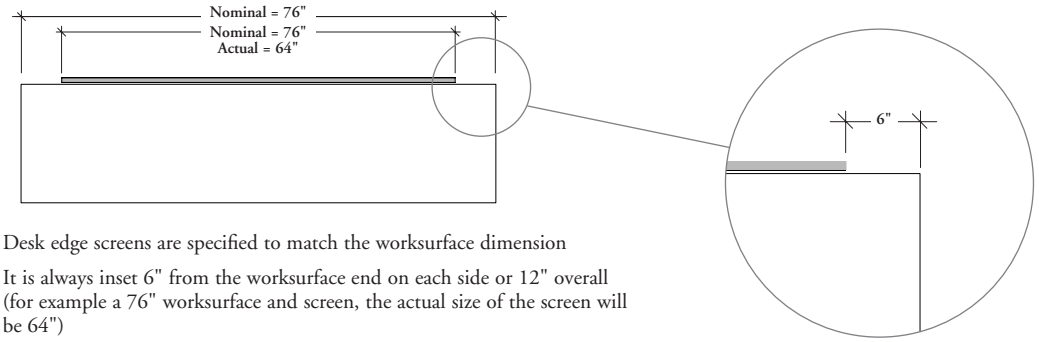




- The Desk Edge Screen is mounted flush to the rear edge of the worksurface
- Pass through grommets will be required for wires to be routed below the worksurface

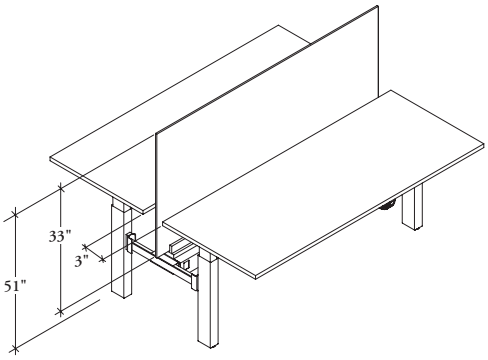
Desk Edge Screens are used with worksurfaces that provide a 5" gap. They will not fit with only a 3" gap.

When specifying the Desk Edge Screen it is important to consider the nominal vs. actual sizing.

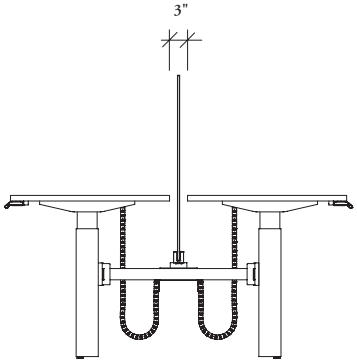


- Desk edge screens are specified to match the worksurface dimension
- It is always inset 6" from the worksurface end on each side or 12" overall (for example a 76" worksurface and screen, the actual size of the screen will be 64")

planning with fixed & desk edge screens (continued)



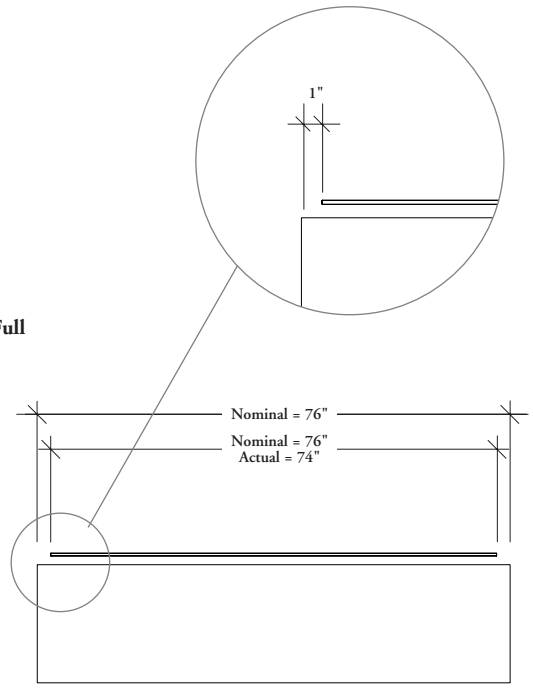
The Fixed Center Screen is 33"h and has an overall 51"h datum height. Must be used with worksurfaces with a 3" gap.



Fixed Center Screens are used with worksurfaces that provide a 3" gap.

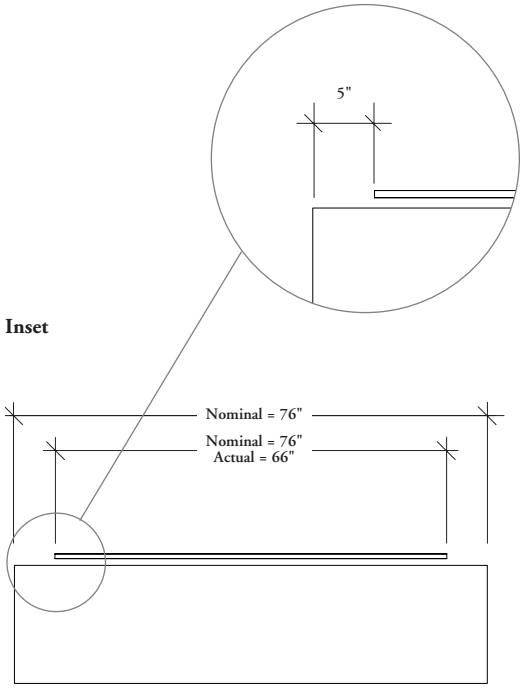
When specifying the Fixed Center Screen it is important to consider the nominal vs. actual sizing.

Full



- Fixed Center Screens are specified to match the worksurface dimensions
- It is always inset 1" from the worksurface end on each side or 2" overall (for example a 76" worksurface and screen, the actual size of the screen will be 74")

Inset



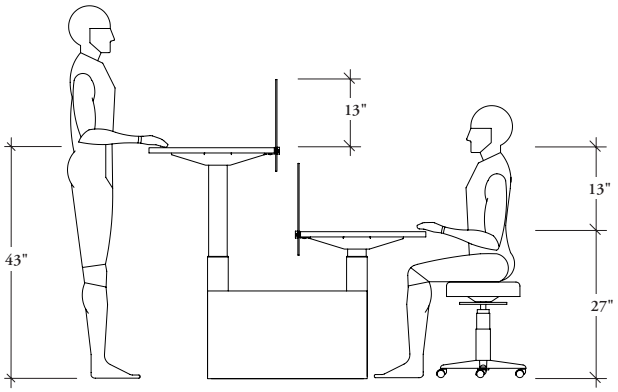
- Fixed Center Screens are specified to match the worksurface dimensions
- It is always inset 5" from the worksurface end on each side or 10" overall (for example a 76" worksurface and screen, the actual size of the screen will be 66")

planning with fixed & desk edge screens (continued)

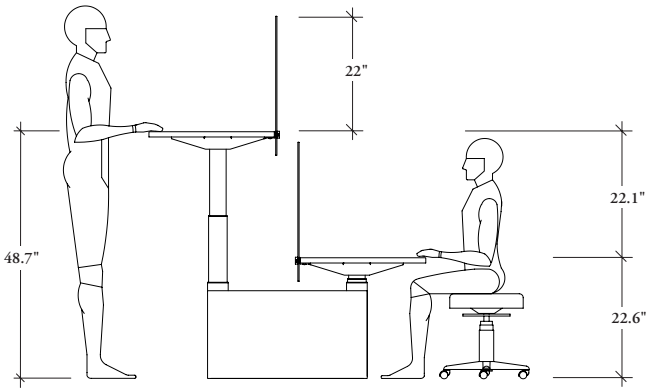
The two heights of desk edge screens allows for various levels of privacy between face to face users.

- The 13" height screen provides seated privacy, but not standing privacy
- The 22" height screen provides sitting and standing privacy
- The screens are sized to provide full privacy at desk height when one table is at its full height and the other at its lowest height

Standard



Extended



Fixed Screens and Desk Edge Screens have nominal dimensions. The following outlines the actual dimensions.

Desk Edge Screens

Nominal Widths	Actual Widths
46	34
52	40
58	46
64	52
70	58
76	64
82	70
88 Solid Only	76
94 Solid Only	82

Fixed Center Screens - Inset

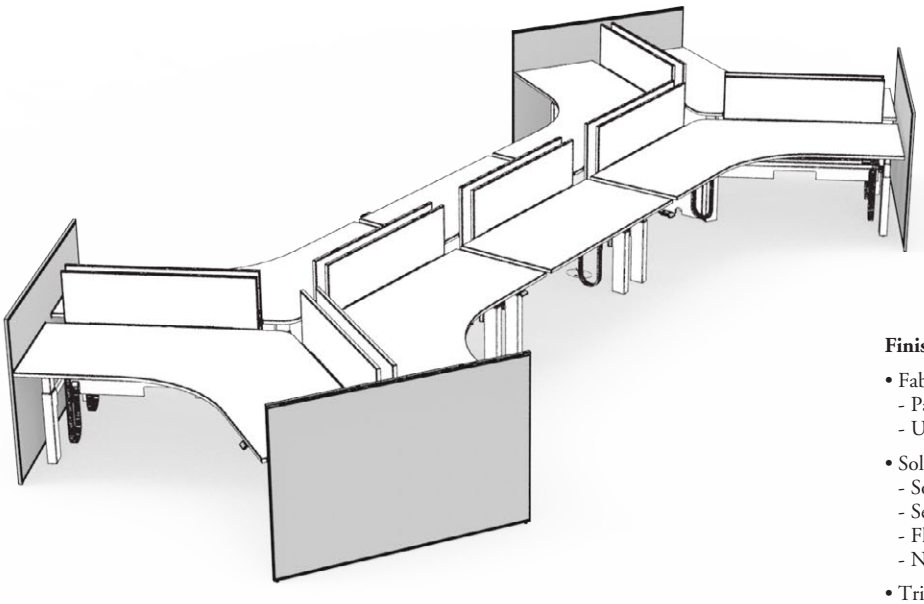
Nominal Widths	Actual Widths
46	36
52	42
58	48
64	54
70	60
76	66
82	72
88 Solid Only	78
94 Solid Only	84

Fixed Inset Screens - Full

Nominal Widths	Actual Widths
46	44
52	50
58	56
64	62
70	68
76	74
82	80
88 Solid Only	86
94 Solid Only	92

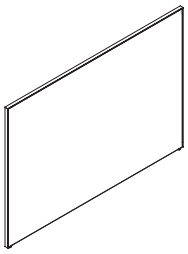
end of run screen basics

Fabric Navigate End of Run Screens mount to the end of any bench to create a complete sense of privacy.



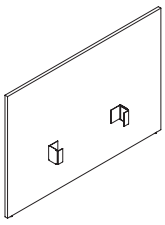
Finishes:

- Fabric:
  - Panel Fabrics Gr. A, 1-5 COM
  - Upholstery Fabrics Gr. 1-10 COM
- Solid:
  - Source Laminate
  - Seamless
  - Flintwood
  - Natural Veneer
- Trim bracket:
  - Foundation
  - Mica
  - Accent
- Gable and Cover:
  - Foundation
  - Mica
  - Accent



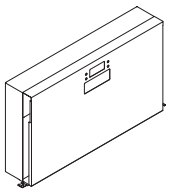
Navigate End of Run Screen - Fabric (HNBTEF)

- Heights:
  - 42" and 51"
- Widths:
  - 48", 60" and 72"



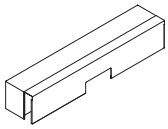
Navigate End of Run Screen - Solid (HNBTES)

- Heights:
  - 29", 42" and 51"
- Widths:
  - 48", 60" and 72"



Navigate End Screen Gable - Metal (HNBCGSMN)

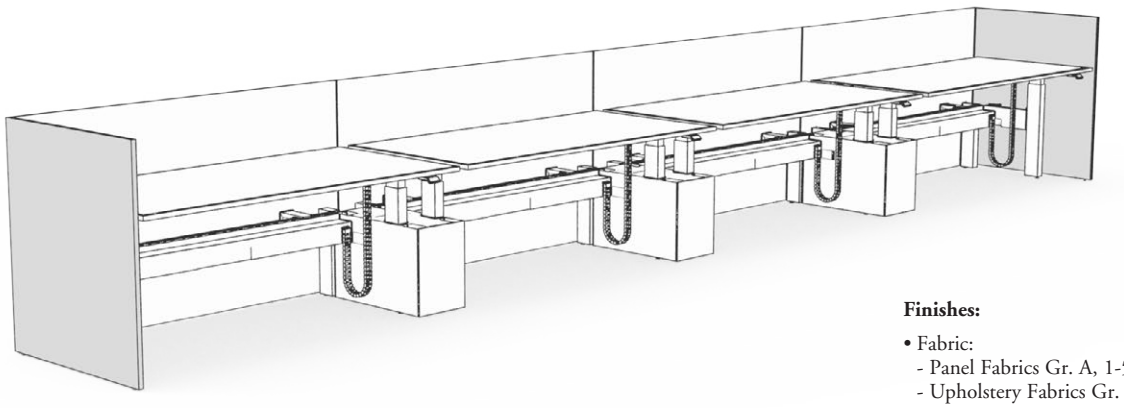
- Conceals the end leg brace and extends to the floor in rectangular and 120 frame applications to attach to the End of Run Screen to the frame
- Depths:
  - 48", 60" and 72"



Navigate End Screen Cover - Metal (HNBCCSMN)

- Conceals the leg brace in rectangular and 120 frame applications to attach the End of Run Screen to the frame
- Depths:
  - 48", 60" and 72"

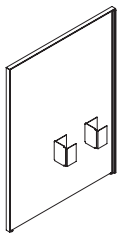
end of run screen basics (continued)



- Heights:
  - 42" and 51"
- Widths:
  - 24" and 30"

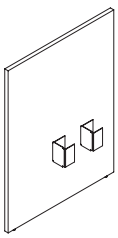
Finishes:

- Fabric:
  - Panel Fabrics Gr. A, 1-5 COM
  - Upholstery Fabrics Gr. 1-10 COM
- Trim bracket:
  - Foundation
  - Mica
  - Accent
- Gable and Cover:
  - Foundation
  - Mica
  - Accent



Navigate Single-Sided End of Run Screen - Fabric (HNBTSF)

- Left Hand or Right Hand

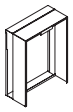


Navigate Single-Sided End of Run Screen - Solid (HNBTSS)

- Left Hand or Right Hand

Navigate Single-Sided End Screen Cover - Metal (HNBCCSMS)

- Conceals the leg brace in rectangular single-sided applications to attach the End of Run Screen to the frame
- Depths:
  - 24" and 30"



Navigate Single-Sided End Screen Gable - Metal (HNBCGSMS)

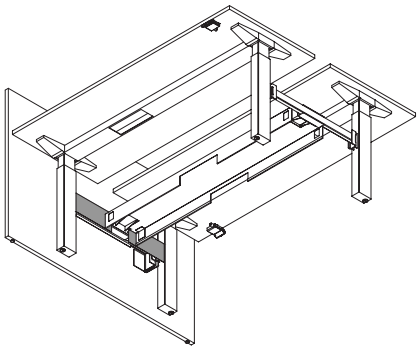
- Conceals the end leg brace and extends to the floor in rectangular single-sided applications to attach to the End of Run Screen to the frame
- Depths:
  - 24" and 30"

planning with end of run screens

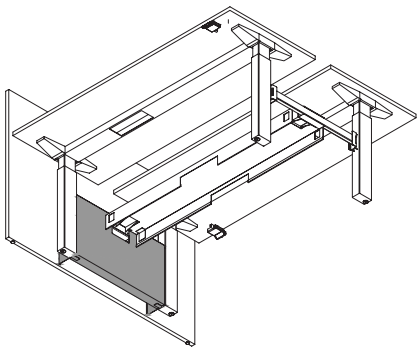
The following should be considered when planning with end of run screens.

Screens must be specified with one of the following covers:

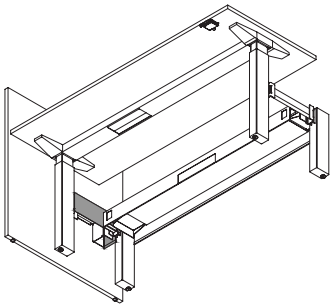
- End Screen Cover (HNBCCSMN)
- End Screen Gable (HNBCGSMN)



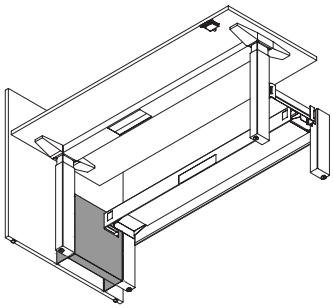
End of Run Screen with a End Screen Cover (HNBCCSMN)



End of Run Screen with a End Screen Gable (HNBCGSMN)

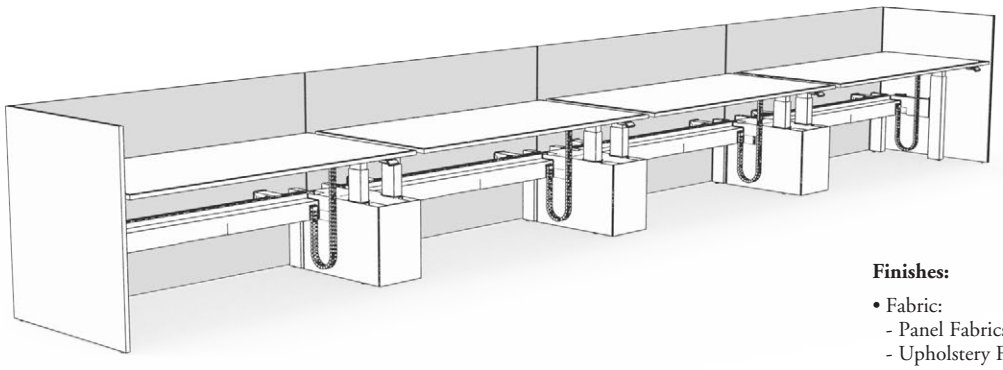


End of Run Screen with a Single-Sided End Screen Cover (HNBCCSMS)



End of Run Screen with a Single-Sided End Screen Gable (HNBCGSMS)

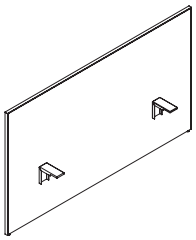
corridor screen basics



- Heights:
  - 42" and 51"
- Widths:
  - 48" - 96" in 6" increments

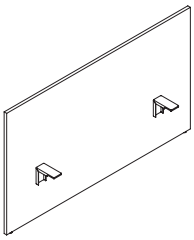
Finishes:

- Fabric:
  - Panel Fabrics Gr A, 1-5 COM
  - Upholstery Fabrics r 1-10 COM
- Solid:
  - Source Laminate
  - Seamless
  - Flintwood
  - Natural Veneer
- Trim bracket:
  - Foundation
  - Mica
  - Accent
- Gable and Cover:
  - Foundation
  - Mica
  - Accent



Navigate Single-Sided Corridor Screen - Fabric (HNBLSF)

- Left Hand or Right Hand



Navigate Single-Sided Corridor Screen - Solid (HNBLSS)

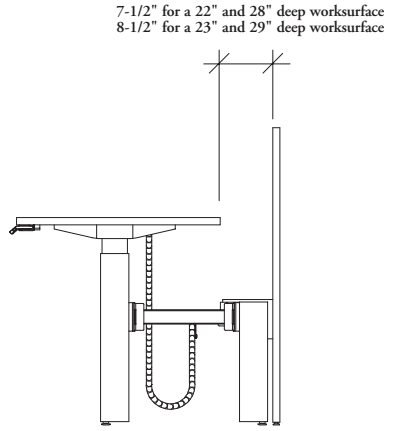
- Left Hand or Right Hand

planning with corridor screens

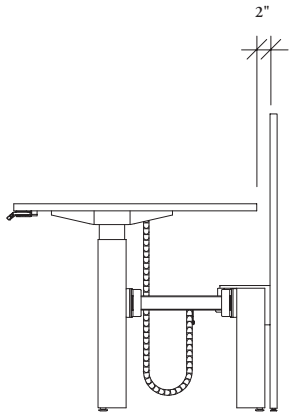
The following should be considered when planning with corridor screens.

When planning with a Single-Sided Corridor Screen (HNBLS) and a Single-Sided Rectangular Worksurface (HNBWR), there will be a gap between the back edge of the worksurface and screen. To close the gap, specify an Extended Single-Sided Rectangular Worksurface (HNBWES).

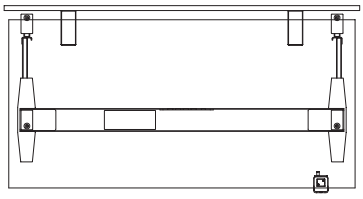
- For a 24" Single-Sided Frame, specify a 28"d Extended Single-Sided Worksurface
- For a 30" Single-Sided Frame, specify a 34"d Extended Single-Sided Worksurface
- Extended Single-Sided Worksurfaces **cannot** be planned with any screen



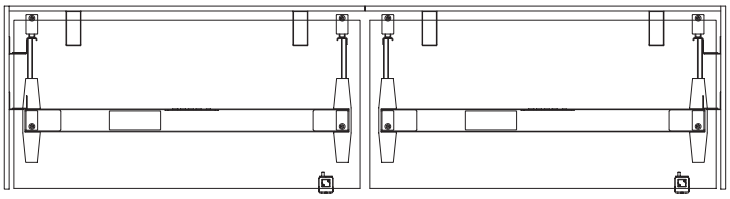
Single-Sided Corridor Screen (HNBLS) and Single-Sided Rectangular Worksurface (HNBWR)



Single-Sided Corridor Screen (HNBLS) and Extended Single-Sided Rectangular Worksurface (HNBWE)



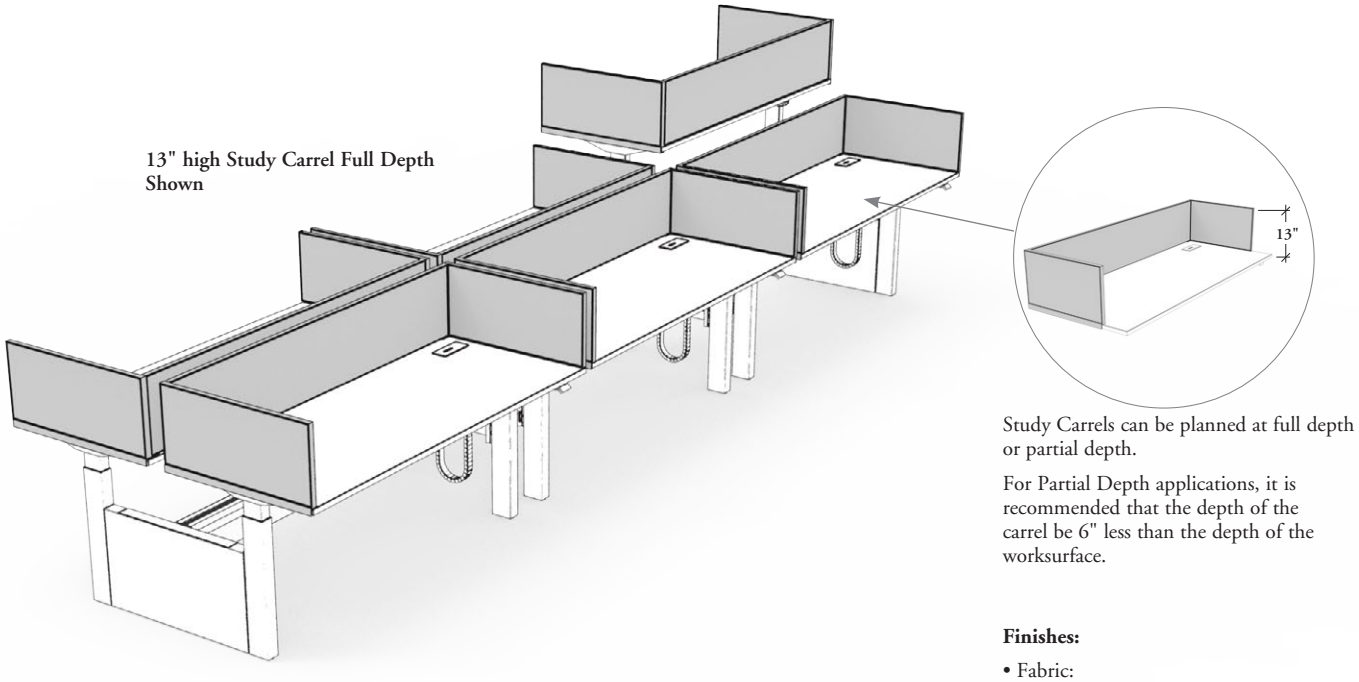
Single-Sided Corridor Screens (HNBLS) extend 1" from the end of each side of the worksurface.



Single-Sided End of Run Screens (HNBTS) can be specified with Single-Sided Corridor Screens (HNBLS) to create a closed corner.

study carrel screen basics

The HAB Study Carrel Screen provides privacy for users and a distraction free environment.

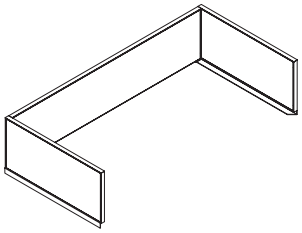


Study Carrels can be planned at full depth or partial depth.

For Partial Depth applications, it is recommended that the depth of the carrel be 6" less than the depth of the worksurface.

Finishes:

- Fabric:
  - Panel Fabrics Gr. A, 1-5 COM
  - Upholstery Fabrics Gr. 1-10 COM
- Hardware:
  - Foundation
  - Mica
  - Accent

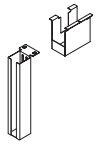


HAB Study Carrel Screen (GYKB)

- Study Carrels are complete screens that sit on top of a worksurface to create privacy on three sides and raise with the worksurface
- Heights when mounted to a 29" height Worksurface:
  - 13" (for a 42" datum height)
  - 22" (for a 51" datum height)
- Widths:
  - 48" to 84" in 6" increments
- Depths:
  - 18", 24", 30" and 36"
- Can be used full depth or partial depth
- Study Carrels cannot be used on radius corner worksurfaces
- Power Access:
  - Cables cannot pass between the worksurface and study carrel, a grommet is required in the worksurface to route cables below
- Edge Trim Mounting Styles:
  - Study Carrel Screens are complete with a bracket for mounting to worksurfaces with the following trim styles:
    - Straight
    - Flat
    - Full Knife
- It is recommended that:
  - Full depth carrels be used with the flat and knife edge
  - Partial depth carrels can be used with all edge styles

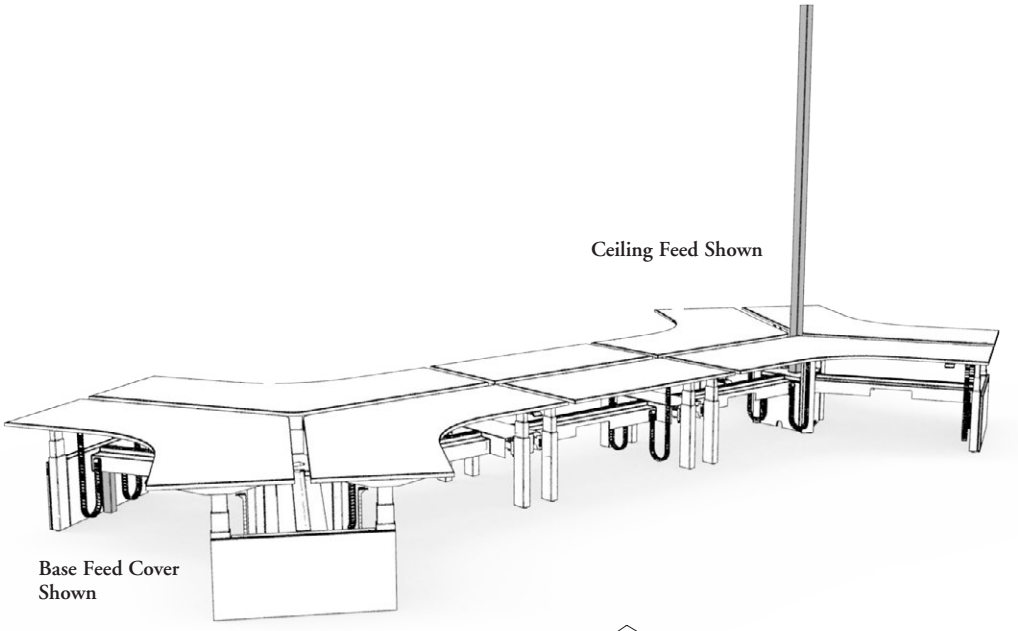
power pole and base feed basics

Power and Data enter Navigate Height-Adjustable Bench from the floor with a Base Feed or from the ceiling through a Power Pole and Ceiling Feed.



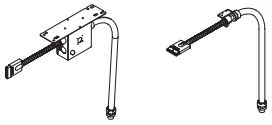
Navigate Base Feed Cover (HNBEBC)

- Used to cover the base feed while routing power and data cables into a workstation from the floor
- Finishes:
  - Foundation
  - Mica
  - Accent



Ceiling Feed Shown

Base Feed Cover Shown

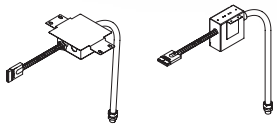


Navigate Base Feed (HNBEBF)

- Provides routing for power from the floor to a Power Module through the Wire Channel
- Lengths:
  - 72" and 144"
- Available in two styles:
  - End condition for End Cover of a bench
  - Mid Condition for Mid Cover of a bench
- Wire systems include:
  - 8-Wire Isolated Ground (8T)
  - 8-Wire Dual Isolated (8K)
  - 7-Wire Non Isolated Ground (7T)
  - 7-Wire Dual Non Isolated (7K)

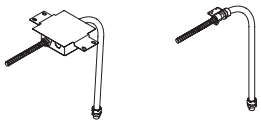
Navigate Ceiling Feed (HNBECF)

- Routes power from the ceiling to the workstations through power pole
- Lengths:
  - 120" and 144"
- Wire systems include:
  - 8-Wire Isolated Ground (8T)
  - 8-Wire Dual Isolated (8K)
  - 7-Wire Non Isolated Ground (7T)
  - 7-Wire Dual Non Isolated (7K)
- Includes PVC free option if specified



Navigate Split Base Feed (HNBEBFS)

- Provides routings for power from the floor to a Power Module with a Wire Channel and is wired into the building power source in two locations for New York City wiring restrictions
- Lengths:
  - 18" and 72"
- Available in two styles:
  - End condition for End cover of a bench
  - Mid Condition for Mid Cover of a bench
- Wire systems include:
  - 8-Wire Isolated Ground (8T)
  - 8-Wire Dual Isolated (8K)
  - 7-Wire Non Isolated Ground (7T)
  - 7-Wire Dual Non Isolated (7K)
- Includes PVC free option if specified

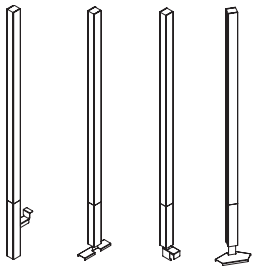


Navigate Chicago Base Feed (HNBEBFCH)

- Required for city of Chicago electrical code requirements
- Lengths:
  - 72" and 144"
- Available in two styles:
  - End condition for End cover of a bench
  - Mid Condition for Mid Cover of a bench

Navigate Chicago Ceiling Feed (HNBECFCH)

- Required for city of Chicago electrical code requirements
- Lengths:
  - 120" and 144"



Navigate Power Pole (HNBEPP)

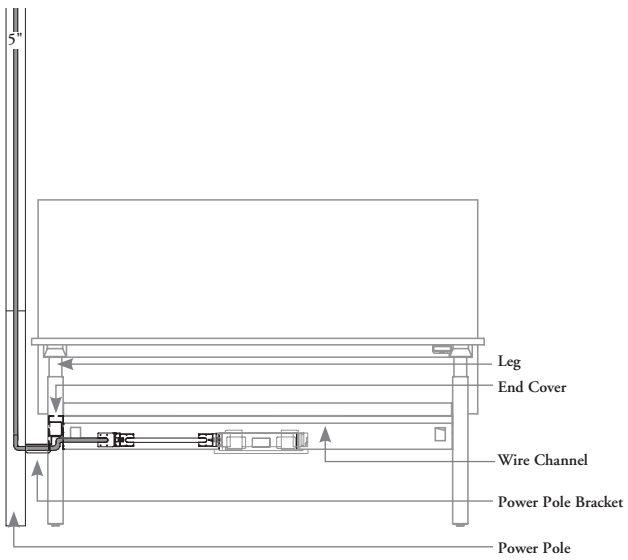
- Routes a ceiling feed and data cables from the ceiling to the workstation
- Heights:
  - 96" and 120"
- Available in three styles:
  - End condition
  - Mid Condition-Standard
  - Mid Condition-120
  - Mid Condition-Single-Sided
- Finishes:
  - Foundation
  - Mica
  - Accent

planning with power poles and ceiling feeds

The following should be considered when planning with Power Poles and Ceiling Feeds.

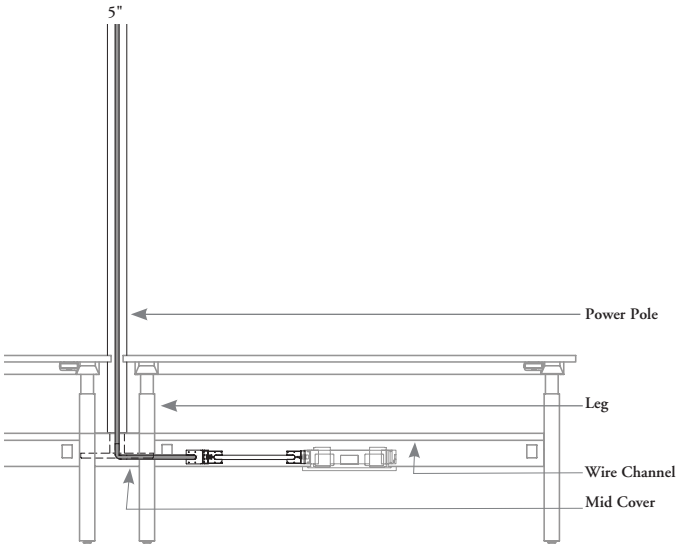
The Power Pole routes a Ceiling Feed and data cables from the ceiling to a power module.

navigate power pole, end condition



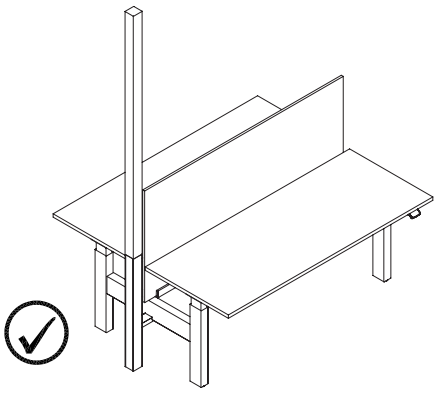
Power Poles attach to leg braces to allow power to be routed from the ceiling. The End Condition Power Pole will protrude 5" past the worksurface.

navigate power pole, mid condition-standard

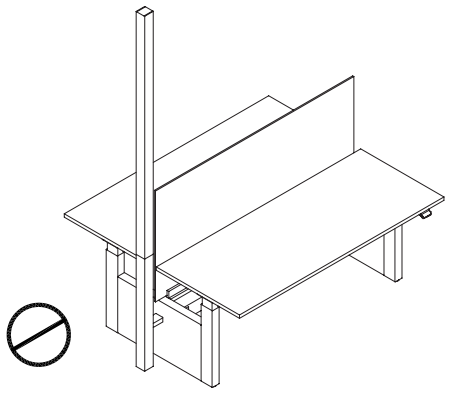


Power Poles attach to the Frame Link to allow power to be routed from the ceiling. When a power pole is used in a mid condition the Mid Cover must have the Power Pole provision. Worksurface must be specified with 5" gap on all sides of the Power Pole.

navigate power pole, end condition - dual-sided



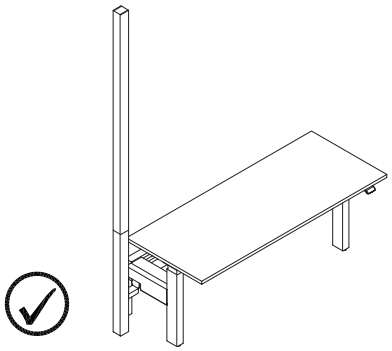
When specifying the End Condition Power Pole it can only be used with the Navigate End Cover - Metal.



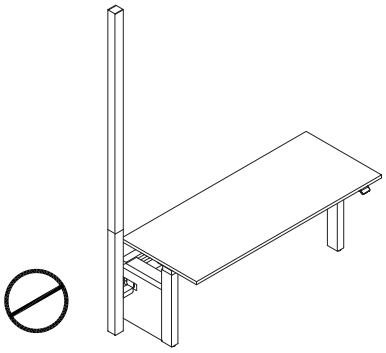
A power pole cannot be used in the end condition with a metal or solid end gable.

planning with power poles and ceiling feeds (continued)

navigate power pole, end condition - single-sided

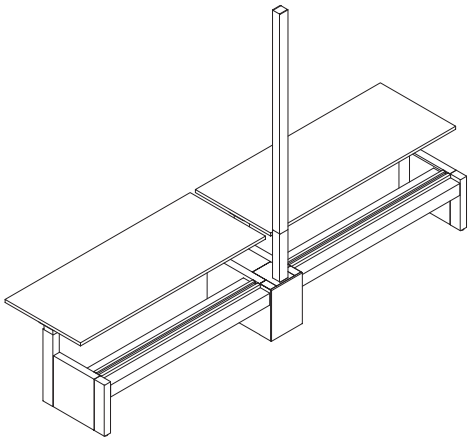


When specifying the End Condition Power Pole it can only be used with the Navigate Single-Sided End Cover - Metal.

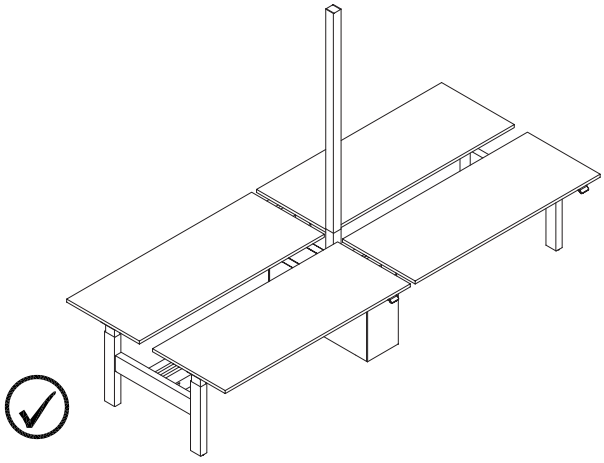


A power pole cannot be used in the end condition with a Metal or Solid Single-Sided End Gable.

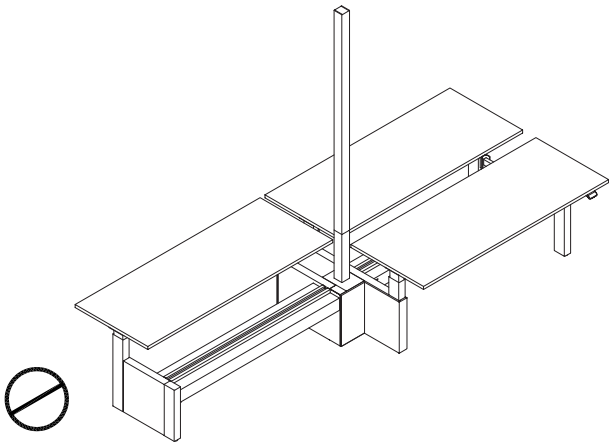
navigate power pole, mid condition - single-sided



Power Pole, Mid Condition - Single-Sided attaches to the Frame Link (HNBFNF). Cannot be combined with Rectangular Extended Worksurfaces.



Power Pole, Mid Condition can be specified with a Navigate Mid-Gable, Mid Condition with Power Pole.

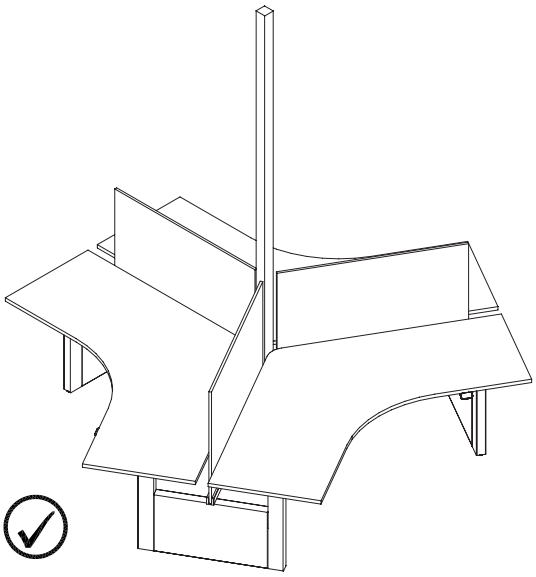


Power Pole, Mid Condition cannot be specified in a transitional application.

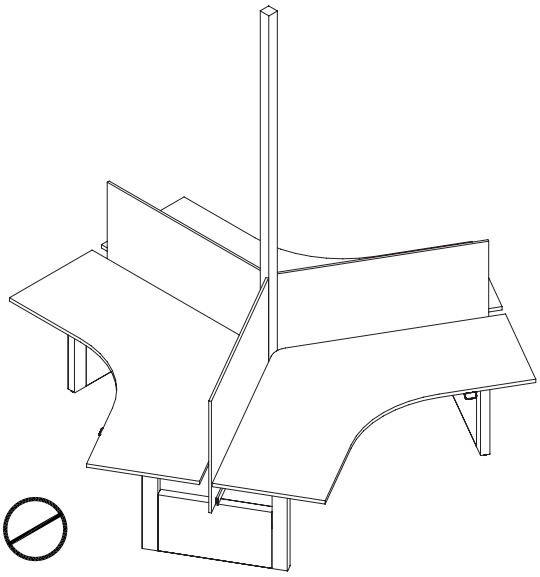
planning with power poles and ceiling feeds (continued)

power pole with fixed center screens

When using Fixed Centre Screens (HNBC), inset option must be specified. Fixed Centre Screens are available in fabric, glass and solid.
Worksurfaces must have a 5" gap on all sides of the Power Pole.



Fixed Center Screens - Inset can only be specified with Navigate 120 Bench when there is a power pole.

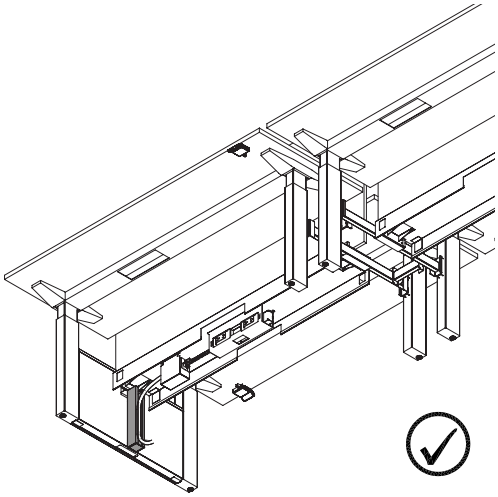


Fixed Center Screens - Full cannot be specified with Navigate 120 Bench if there is a power pole.

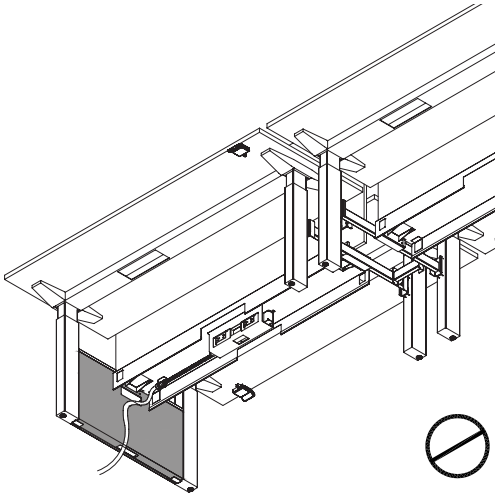
planning with base feeds

The following should be considered when planning with Base Feeds.

base feed with end gable



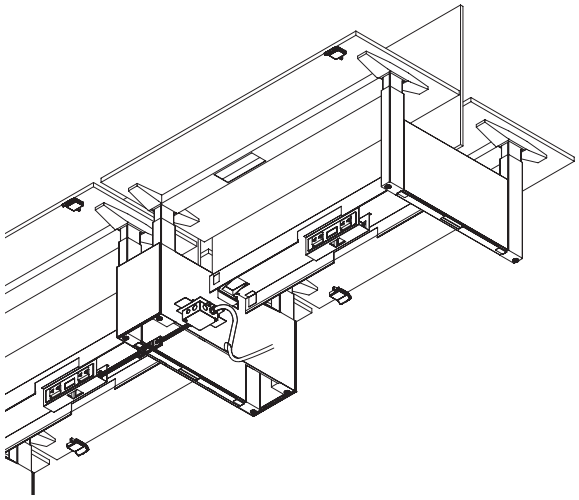
If power is required at the end of a run, a Base Feed Cover (HNBE) must be specified.



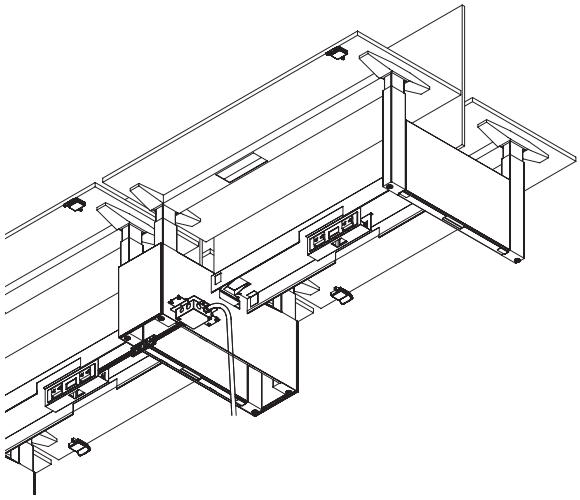
There is a no cut out in the base of an end gable to route a base feed from floor monument up through gable to wire channel.

base feed with mid gable

Navigate Mid Gables (HNBC) can be specified with or without a cut-out to accommodate a base feed.



If the floor monument is located outside of the Mid Gable, then the Mid Gable with Base Feed must be specified.

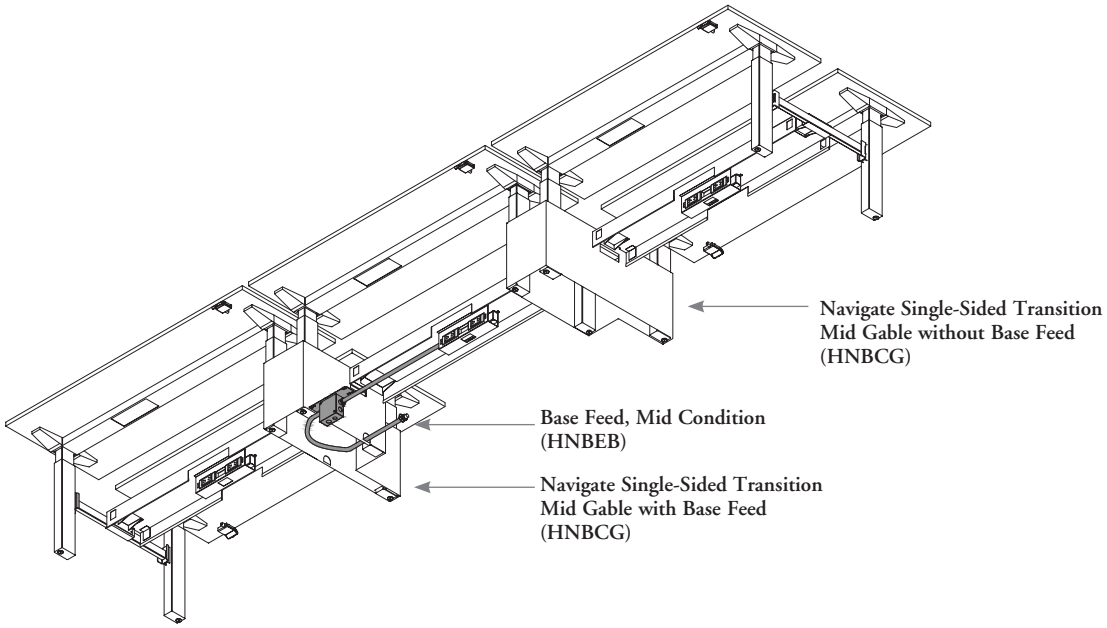


If the floor monument is located underneath the Mid Gable, then the Mid Gable without Base Feed must be specified.

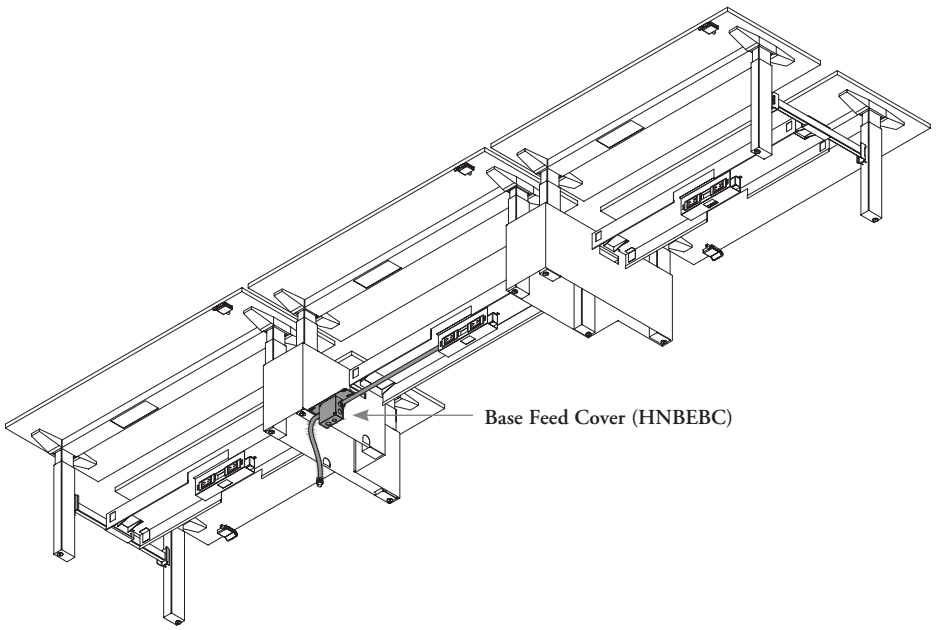
planning with base feeds (continued)

base feed with transition condition

Navigate Single Sided Transition Mid Gable (HNBCG) can be specified with or without a cut-out to accommodate a base feed.



A Base Feed, Mid Condition must be specified when there is a transition condition.

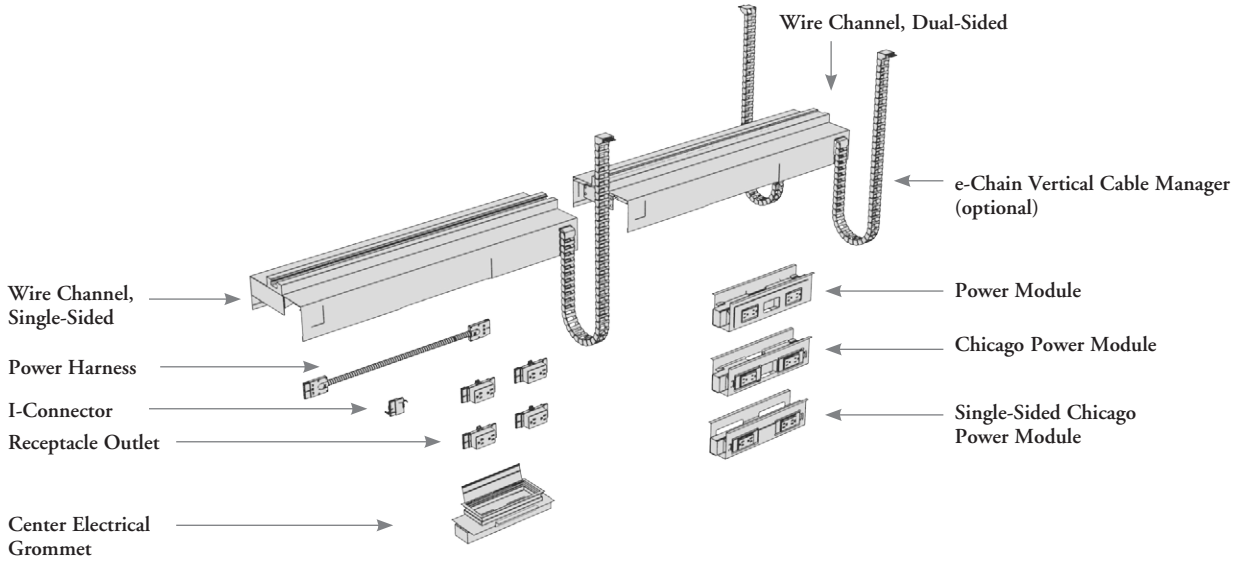


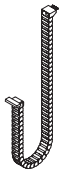
If the floor monument is not directly below the transition mid gable then a Base Feed Cover must be specified.

wire management basics

Navigate Height-Adjustable Bench provides a modular electrics option for power and data distribution.

The following outlines the basic components of modular electrics.





Navigate e-Chain Vertical Cable Manager (HNBEEE)

- Mounts to Navigate Wire Channel and transfers vertical cables to the worksurface integrated center channel
- Finishes:
  - Ebony Coordinate
  - Platinum Coordinate
  - Very White Coordinate

Navigate Chicago Power Module (HNBEPMCH)

- Required for city of Chicago electrical code requirements
- Standard 15 Amp, T-Slot 20 Amp, Controlled 15 Amp and Controlled 20 Amp available
- Bezel finished in Mica Platinum

Navigate Power Module (HNBEPM)

- Mounts in the Wire Channel and accepts outlets for hardware electrics
- Includes module bezel
- Wire systems include:
  - 8-Wire Isolated Ground (7T compatible)
  - 8-Wire Dual Isolated (7K compatible)
- PVC free option available if specified

Navigate Single-Sided Chicago Power Module (HNBEPSCH)

- Required for city of Chicago electrical code requirements
- Standard 15 Amp, T-Slot 20 Amp, Controlled 15 Amp and Controlled 20 Amp available
- Used for Single-Sided planning
- Bezel finished in Mica Platinum

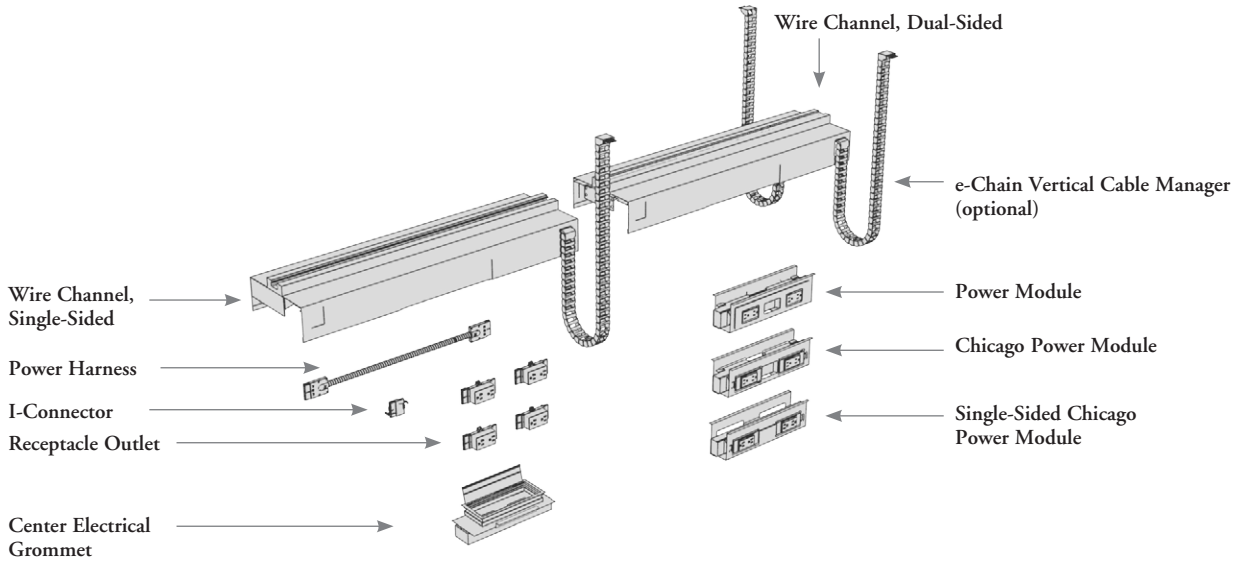
Navigate Receptacle Outlet (HNBERO)

- Mounts onto the Power Module to provide access to power
- Styles include:
  - Standard 15 amp
  - T-Slot 20 amp
  - USB 5 VDC 2.1 amp
  - Controlled 15 amp
  - Controlled 20 amp
- Outlet configurations consist of Circuit 1, Circuit 2, Circuit 3 (used with 8T only), Circuit 5, Circuit 6 (used with 8K only), Non I.G. Circuit (used with 7T and 7K only), Non I.G. Circuit (used with 7K only)
- Receptacle style D and E include a marking indicating it is connected to a control system
- Finished in Platinum

Navigate Power Harness (HNBEPH)

- Routes powers from one power module to another
- Lengths:
  - 48", 60", 72", 84", 96", 120" and 144"
- Wire systems include:
  - 8-Wire Isolated Ground (8T)
  - 8-Wire Dual Isolated (8K)

wire management basics (continued)



Navigate I-Connector (HNBEIC)

- Used to join two harnesses when a single harness is not long enough

Center Electrical Grommet (HNBECEG)

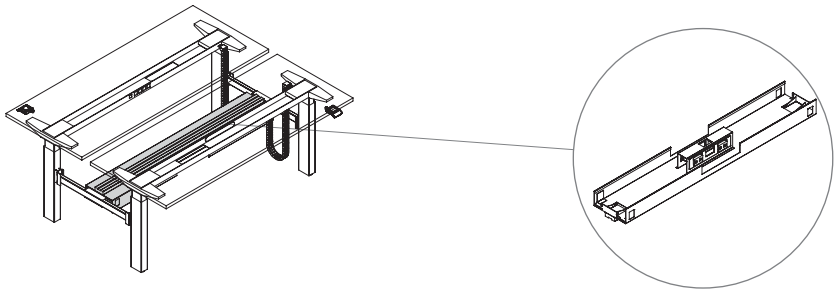
- Provides user accessible power and telecommunications integrated into the worksurface
- Available with the following power configurations:
  - 2 Power
  - 2 Power + 1 USB
- Available with the following Data/AV Configuration:
  - AV Interface (HDMI/VGA/Mini Stereo)
  - Dual Data
  - Quad Data
  - Cover Plate Only
- Available with the following cord length and plug type:
  - 10' Power Cord
  - 9' Cord Housing
  - 6' Cord with IEC Plug

planning with wire management and electrics

wire channel

Wire Channels (HNBFCN) must always be specified the same width as the frame. A removable side door facing each end user for access to power modules is included.

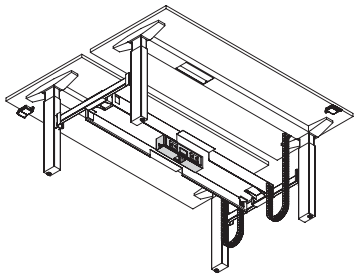
- Built-in Interpret Accessory Beam that accommodates Navigate Fixed Centre Screens (HNBC)
- Accommodates Navigate e-Chain Vertical Cable Manager (HNBE) that must be specified separately



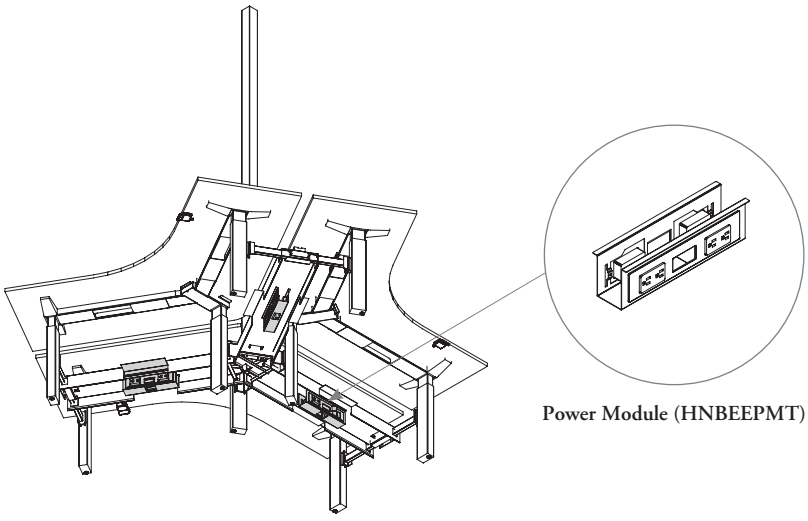
Underside of Wire Channel (HNBFCN)

power module and receptacles

Power modules (HNBE) are double-sided, face horizontally and accept four receptacle outlets (two on each side). The module is mounted horizontally on the Wire Channel and can be accessed easily from the side through a removable side door.



Power Modules with Navigate Frame



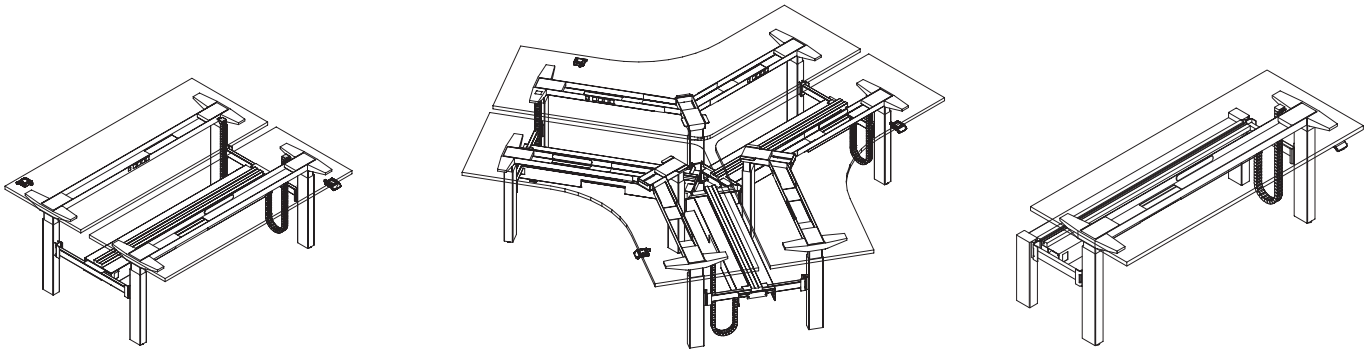
Power Module (HNBEEPMT)

Power Modules with Navigate 120 Frame

planning with wire management and electrics (continued)

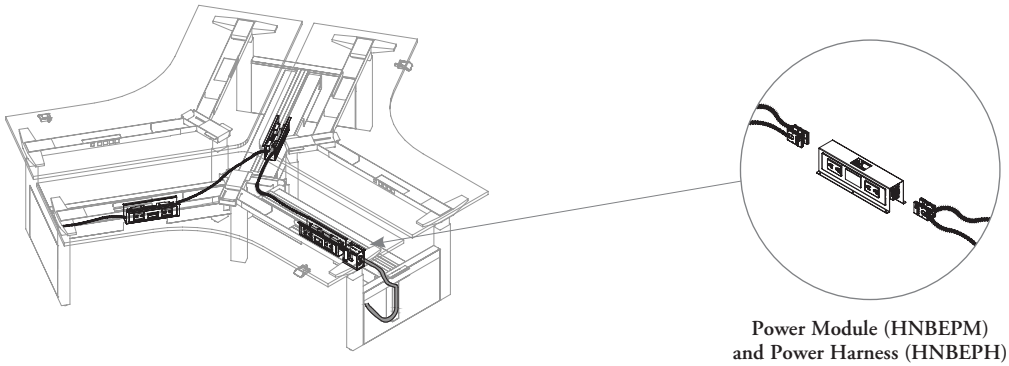
e-chain

Navigate e-Chain Vertical Cable Manager (HNBE) allows for cables to be concealed and safely run from the worksurface to the wire channel.
These are optional and must be specified separately.



power module and power harness

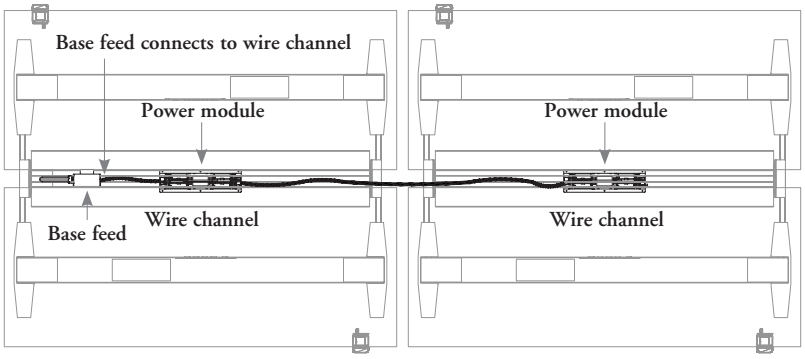
Power harnesses allow for non-directional routing so power can enter and exit from the same end of the power module. Up to four power harnesses can be used on one power module.



Power Module (HNBEPM)
and Power Harness (HNBEPH)

harness lengths

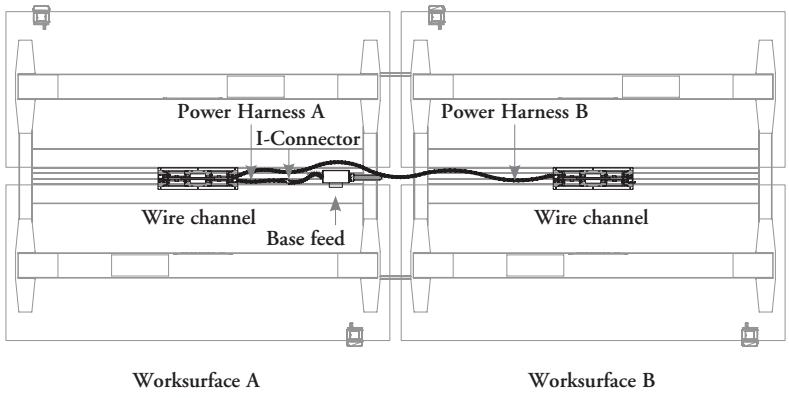
Base Feed and Power Harnesses - End Condition



When a base feed is specified in the end condition, an extra harness is not required to connect to the power module in the wire channel.
Measure the distance between power module to power module to calculate harness length required.

planning with wire management and electrics (continued)

Base Feed and Power Harnesses - Mid Condition

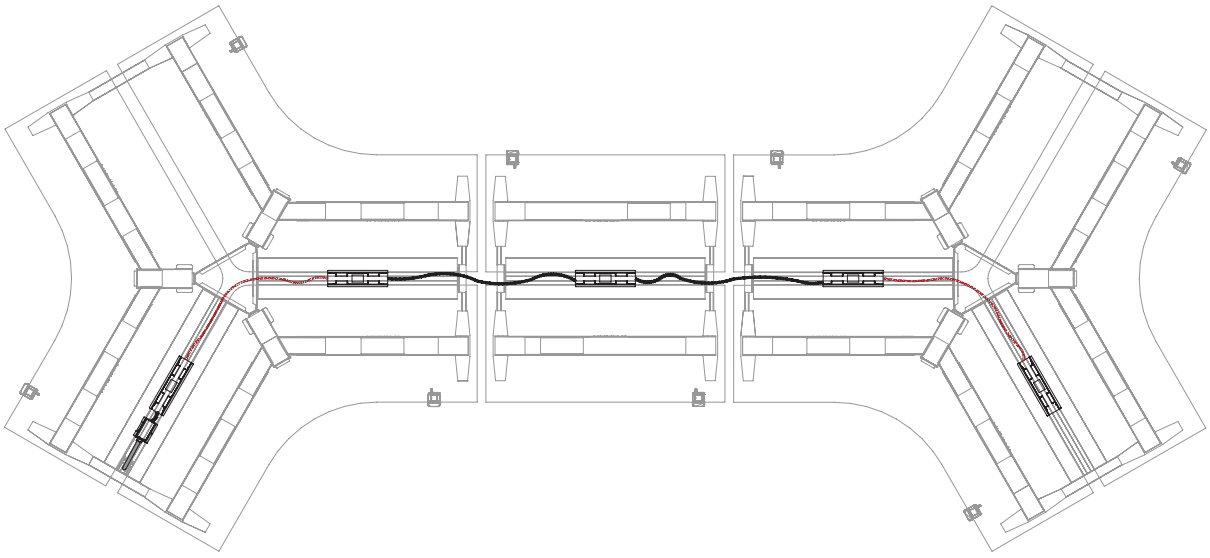


There are two extra harnesses required to be specified if power is at the Mid Condition.

Harness A must be specified to connect from the base feed to the power module. An i-connector is not required to be specified.
- If Worksurface A is 82" wide or less, specify a 48" long harness
- If Worksurface A is 88" wide - 94" wide, specify a 60" long harness

Harness B must be specified to connect Worksurface A to Worksurface B.
- Use the following formula to calculate the harness length required to connect Worksurface A to Worksurface B:
  - Worksurface A/2 + Worksurface B/2 = x (harness length required)
  - If B is less than 72" wide, specify a 72" long harness
  - If B is between 72" and 84" wide, specify a 82" long harness

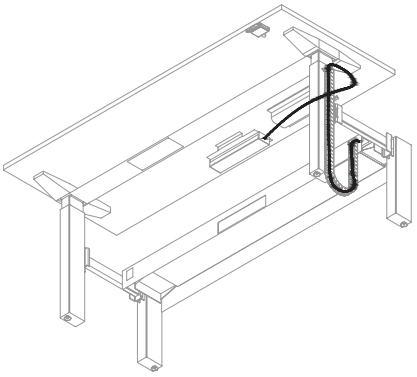
Base Feed and Power Harnesses - 120



When calculating the harness length for 120 frames, specify the next size up from desk width.
- For 46"w 120 Frame, specify a 48" long harness
- For 52"w 120 Frame, specify a 60" long harness
- For 58"w 120 Frame, specify a 60" long harness

planning with wire management and electrics (continued)

center electrical grommet



Center electrical grommet (HNBECEG) is available with a 6', 9' or 10' cord which is routed through a Dual Plastic Tray to the Navigate e-Chain Vertical Cable Manager (HNBEEE)(specified separately) to wire channel.

wiring system

Four wiring systems are available for Interpret 8-Wire Isolated (8T), 7-Wire Non Isolated (7T), 8-Wire Dual Isolated (8K) and 7-Wire Dual Non Isolated (7K). Most common Teknion wiring configurations are achieved with these wiring systems.

For sites where Isolated Ground is not available, Teknion offers Non-Isolated Ground options for furniture wiring. The site electrician or electrical contractor/ consultant can identify sites where Isolated Ground is not available. For those sites, please specify Teknion 7T or 7K wiring systems.

	No. Regular Circuits	No. Isolated Circuits
8-Wire Isolated (8T) (3+1) Neutral (White) Circuit 1 (Black) Circuit 2 (Red) Circuit 3 (Blue) Ground (Green) Isolated Circuit 5 (Orange) Isolated Neutral (White/Orange) Isolated Ground (Green/Orange)	3	1
8-Wire Dual Isolated (8K) (2+2) Neutral (White) Circuit 1 (Black) Circuit 2 (Red) Ground (Green) Isolated Circuit 5 (Orange) Isolated Circuit 6 (Blue) Isolated Neutral (White/Orange) Isolated Ground (Green/Orange)	2	2
7-Wire Non Isolated (7T) (3+1) Neutral (White) Circuit 1 (Black) Circuit 2 (Red) Circuit 3 (Blue) Ground (Green) Neutral (White/Orange) Circuit A (Orange)	4	0
7-Wire Dual Non Isolated (7K) (2+2) Neutral (White) Circuit 1 (Black) Circuit 2 (Red) Isolated Neutral (White/Orange) Circuit A (Orange) Circuit B (Blue) Ground (Green)	4	0

wiring system/receptacles

	Wiring System			
	8T	**8K**	**7T**	**7K**
Regular Ground Receptacles	1, 2, 3	1, 2	1, 2, 3, A	1, 2, A, B
Isolated Ground Receptacles	5	5, 6	n/a	n/a

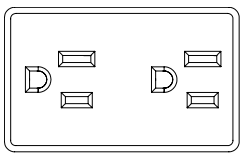
- All receptacles except Circuit 6, A, B can be used with the 8T wiring system (cannot accept a 2nd Isolated Circuit)
- All receptacles except Circuit 3 can be used with the 8K wiring system (cannot accept a 3rd Regular Circuit)
- Circuit A is compatible with 7T & 7K. Circuit B is compatible with 7K only

wiring system/related circuit

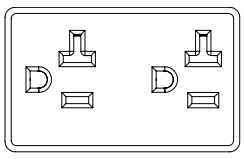
	Wiring System			
	8T	**8K**	**7T**	**7K**
Regular Circuit 1 Receptacle	✔	✔	✔	✔
Regular Circuit 2 Receptacle	✔	✔	✔	✔
Regular Circuit 3 Receptacle	✔		✔	
Isolated Circuit 5 IG Receptacle	✔	✔		
Isolated Circuit 6 IG Receptacle		✔		
Regular Circuit A Receptacle			✔	✔
Regular Circuit B Receptacle				✔

✔ **Applicable**

15 Amp



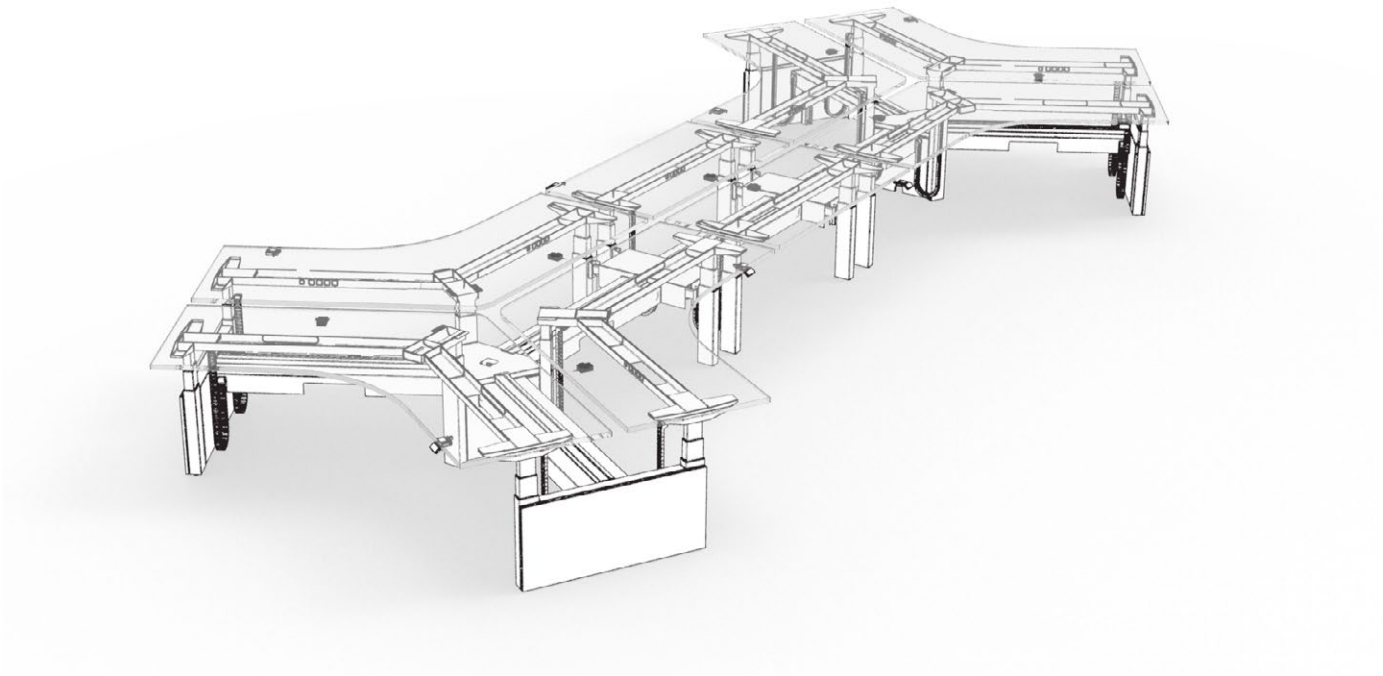
20 Amp



- Outlets are available 15, 20 amp or USB
- The 20 Amp is only available in Black
- Outlets are available with marking indicating it is connected to a control system in both 15 and 20 amp options

power conservation system basics

Furniture based solution for the controlling function that addresses the ASHRAE/Title 24 electrical requirements.



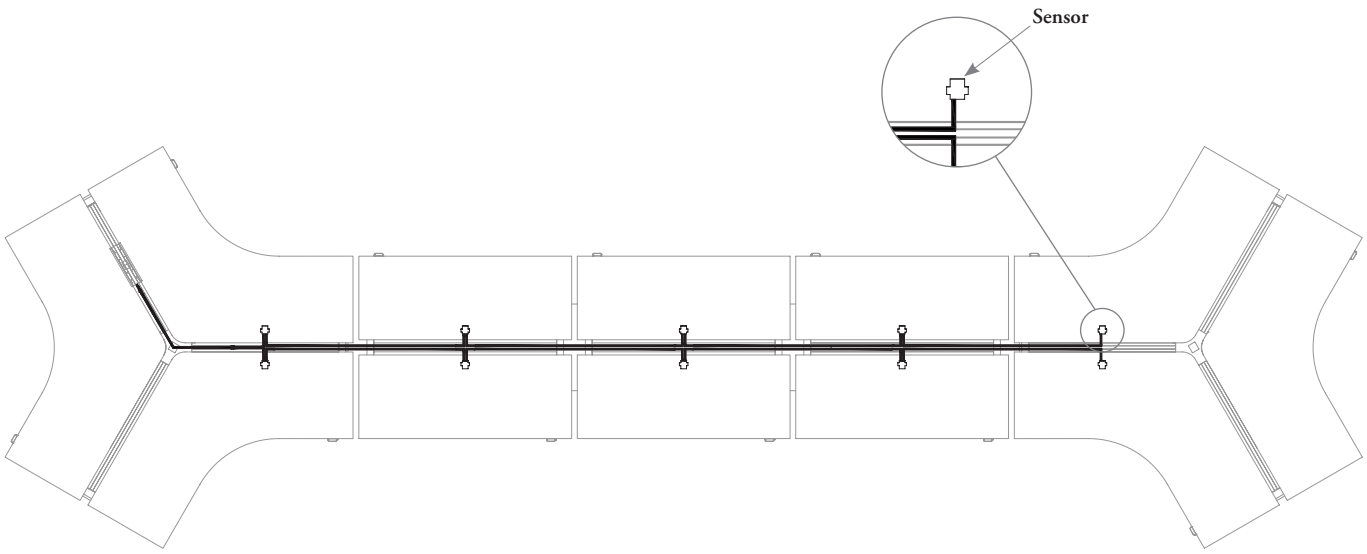
Navigate Power Conservation System (HNBEPC)

- A hard wired connection supplies power into a worksurface from the building power source
- Back to back installation application available
- Available for frame module sizes:
  - 60" or less
  - 66" or less
- Available with option of two, four or eight sensors
- Mounts to the underside of the worksurface
- Covers available in foundation or mica finishes

planning with power conservation system

The following should be considered when planning with the Power Conservation System.

When planning with the Power Conversation System, the sensors should ideally be applied to back to back workstations.
The following planning shows where to place the sensors in straight run benches.



Straight Run Workstations (8 Sensors)

- Power Conversation System sensor cord has a maximum length 12'
- Standard Power Conservation kit of parts and painted module cover is included

hispace application guides

HISPACE TYPICALS 175

UNDERSTANDING HISPACE HEIGHT-ADJUSTABLE FRAMES 179

HISPACE FRAME BASICS 180

PLANNING WITH HISPACE FRAMES 181

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HISPACE POWER POLE AND BASE FEED BASICS 193

PLANNING WITH HISPACE POWER POLES AND BASE FEEDS. 194

HISPACE WIRE MANAGEMENT BASICS. 195

PLANNING WITH HISPACE WIRE MANAGEMENT BASICS 196

WIRING SYSTEM 197

hispace typicals

The following typicals demonstrate the versatility of hiSpace Height-Adjustable Bench.

hiSpace Height-Adjustable Bench 01

Variable Chair Shown

QUANTITY	COMPONENTS	DESCRIPTION	LIST PRICE	EXTENDED PRICE
3	HHBFYS396048	hiSpace Universal Frame, Three Sections, Extended Range Electric (25"-50") 60"d x 48"w	16244	48732
6	HHBWRL30723	hiSpace Rectangular Worksurface, 30"d x 72"w, 3" Gap	465	2790
			TOTAL	51522 LIST

Finishes: Source Laminate Worksurfaces.

Variable Seating not included in price.

hispace typicals (continued)

hiSpace height-adjustable bench 02

Projek Stool Shown

QUANTITY	COMPONENTS	DESCRIPTION	LIST PRICE	EXTENDED PRICE
1	HHBFYS39072	hiSpace Universal Frame, Three Sections, Extended Range Electric (26"-53"), 63"d x 76"w	16244	16244
3	HHBFCC172	hiSpace Cable Tray Cover, with Screen Provision, 72"w	285	855
6	HHBWRL30723	hiSpace Rectangular Worksurface, 30"d x 72"w, 3" Gap	465	2790
3	HHBCCS72	hiSpace Center Casual Screen – Solid, 72"w	520	1560
1	HHBEBF8TMID072	hiSpace Base Feed, 8 Wire Isolated Ground, Mid, Whip Length 72"	301	301
1	HHBEPH8T072	hiSpace Power Harness, 8 Wire Isolated Ground, 72"l	218	218
2	HHBEPB8T	hiSpace Power Box, 8 Wire Isolated Ground	346	692
6	YEPD6	Power Rod, Under-Worksurface Mount w/ Cable Tray	285	1710
			TOTAL	24370 LIST

Finishes: Foundation Paint and Source Laminate Worksurfaces.

*Seating: Projek chairs not included in price.

hispace typicals (continued)

hiSpace Height-Adjustable Bench 03

Projek Stool Shown

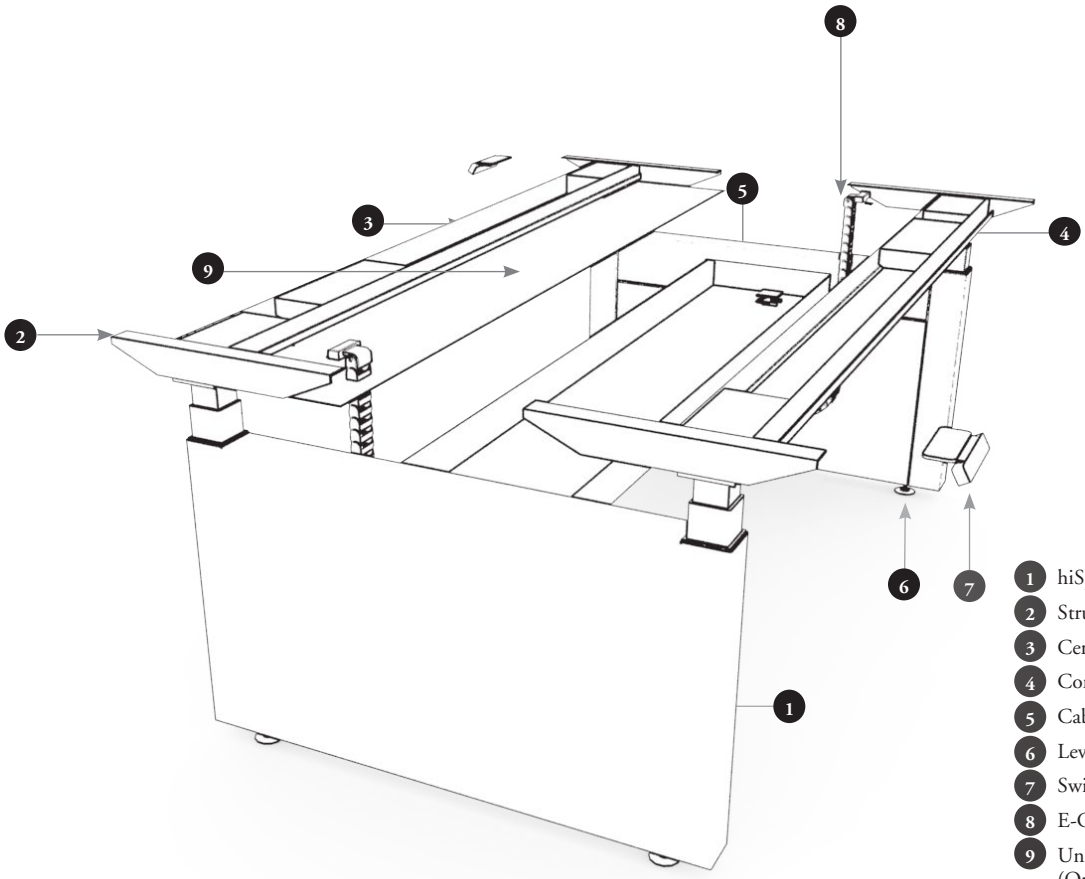
QUANTITY	COMPONENTS	DESCRIPTION	LIST PRICE	EXTENDED PRICE
1	HHBFYS39072	hiSpace Universal Frame, Three Sections, Extended Range Electric (25"-50"), 60"d x 72"w	16244	16244
3	HHBFCC172	hiSpace Cable Tray Cover , without Screen Provision, 72"w	290	870
6	HHBWRL30725	hiSpace Rectangular Worksurface, 30"d x 72"w, with Center Electrical Grommet, with Right Grommet 5" Gap	1092	6552
6	HHBCDG2272	hiSpace Desk Edge Screen – Glass, 22"h x 72"w	685	4110
1	HHBEBF8TMID072	hiSpace Base Feed, 8 Wire Isolated Ground, Mid, Whip Length 72"	301	301
1	HHBEPH8T072	hiSpace Power Harness, 8 Wire Isolated Ground, 72"l	218	218
6	HHBEEC	hiSpace e-Chain Vertical Wire Manager	258	1548
2	HHBEPB8T	hiSpace Power Box, 8 Wire Isolated Ground	346	692
6	YEPD6	Power Rod, Under-Worksurface Mount w/ Cable Tray	285	1710
			TOTAL	32245 LIST

Finishes: Source Laminate Worksurface, Frost Glass Screens

Projek Stool Seating not included in price.

understanding hispace height-adjustable bench frames

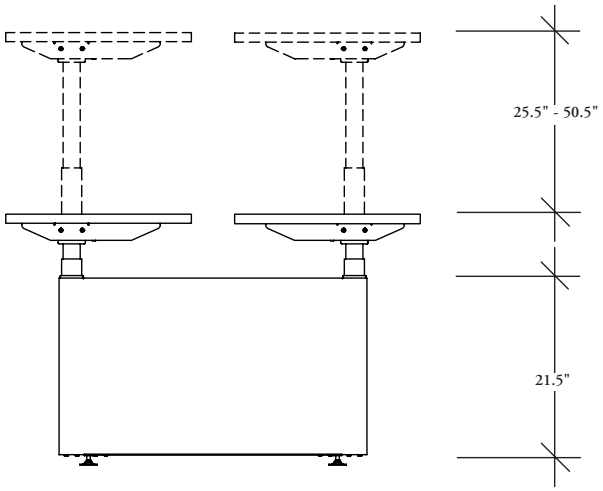
hiSpace Height-Adjustable Bench can be specified with 1-8 sections providing 2-16 person workstations.



1. hiSpace Leg w/ attached Gable
2. Strut
3. Center Channel
4. Control Box
5. Cable Tray
6. Leveler
7. Switch
8. E-Chain (Optional)
9. Under Worksurface Cover (Optional)

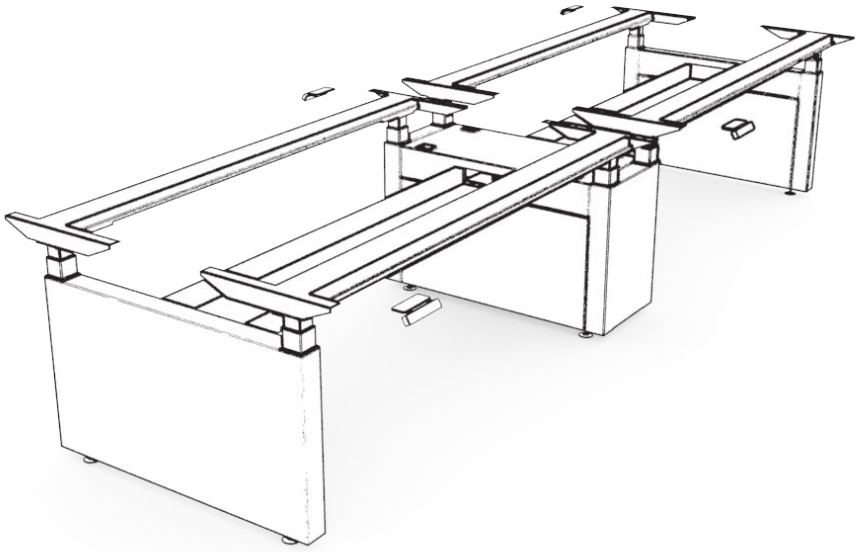
height-adjustment ranges

The hiSpace Height-Adjustable Bench frame ranges are 25.5" - 50.5"

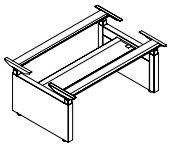


hispace frame basics

hiSpace Height-Adjustable Bench can be specified with 1-8 sections providing 2-16 person workstations.

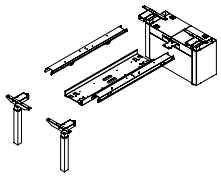


hiSpace Two Sections Shown



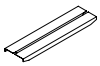
hiSpace Universal Frame (HHBFYS)

- Available with 1-8 sections creating 2-16 workstations
- Used with 2-16 worksurfaces to create a bench
- Available in depths of 48" and 60" and widths 48-72" in 6" increments
- Available with Extended Range Electric (25-50")
- 3" leveling capability
- Display switch has three programmable settings and a cool red display screen with digital capability
- Available in Platinum, Ebony, Very White



hiSpace Frame Reconfiguration Kit (HHBFRK)

- Available as Mid Kit to expand, End Kit to expand and End Kit to split
- Available in widths of 48"-72" in 6" increments
- Available with Extended Range Electric base mechanism or without Base Mechanism
- Available in Platinum, Ebony, Very White



hiSpace Cable Tray Cover (HHBFCC)

- Available with or without Screen Provision
- Available in widths of 48-72" in 6" increments
- Available in Platinum
- Available with Cover or Cover with Division

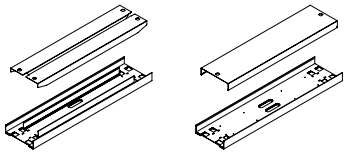
Mid Gable Grommet Cap (HHBFGC)

- Used to cover exposed cut out locations on Mid Gable where e-Chain is not being used
- Specified individually per cut out location
- Available in Platinum, Ebony, Very White

planning with hispace frames

The Reconfiguration Kit is used for re-configuration, expanding the cluster or breaking down the cluster.

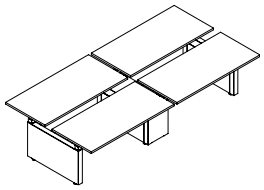
hiSpace cable tray cover



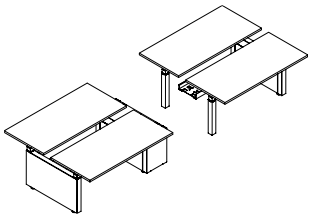
The hiSpace Cable Tray Cover is available with or without a screen provision.
If a Fixed Center Screen is specified a screen provision must be specified.

mid kit, expanding the cluster

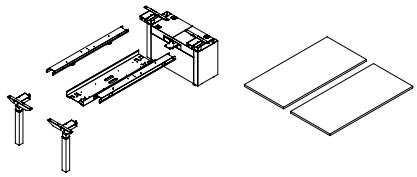
Expanding a two-section cluster



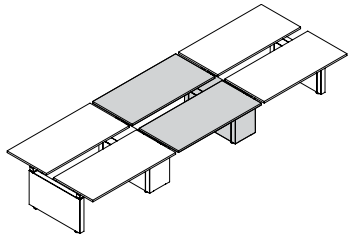
Step 1: Disconnect sections



Step 2: Add Mid Reconfiguration Kit and Worksurfaces (Specified Separately)



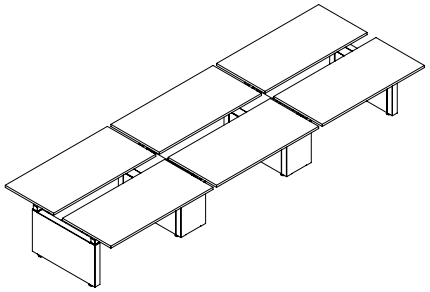
Three-section cluster



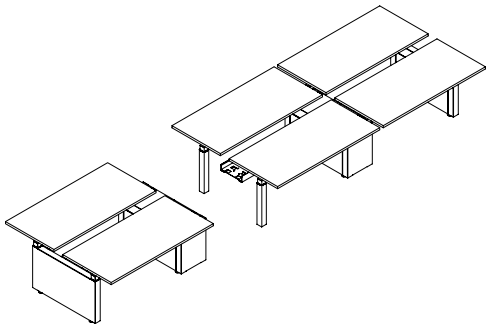
planning with hispace frames (continued)

end kit, breaking down the cluster

Shortening a three-section cluster



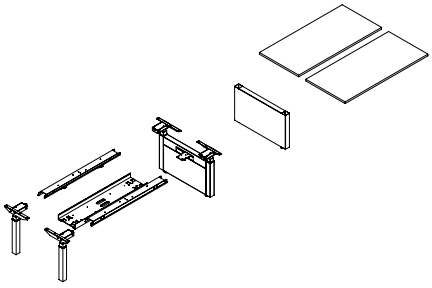
Step 1: Disconnect the section



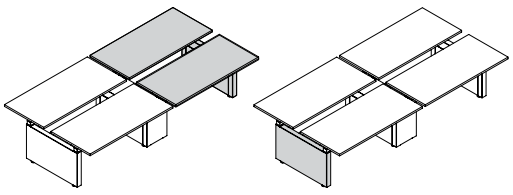
Expand

Split

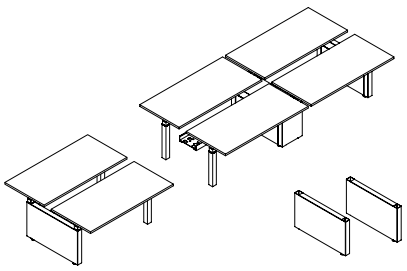
Step 2: Add End Reconfiguration Kit and Worksurfaces (Specified Separately)



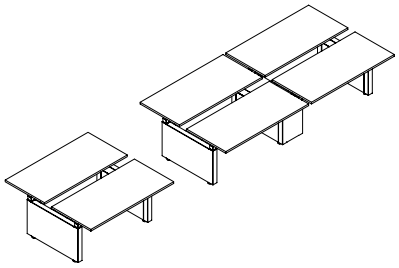
Two, two-section cluster



Step 2: Add Mid Split Reconfiguration Kit and remove Mid Gable



One, two-section and one-section cluster

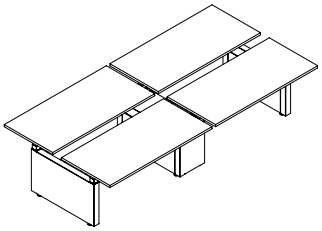


planning with hispace frames (continued)

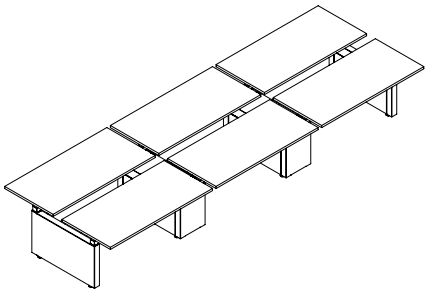
frame depths

hiSpace 48" and 60" deep frames use the same frame structure so are identical in depth. The overall bench depths are achieved through the depths of the worksurface.

Example 2 sections = 4 workstations



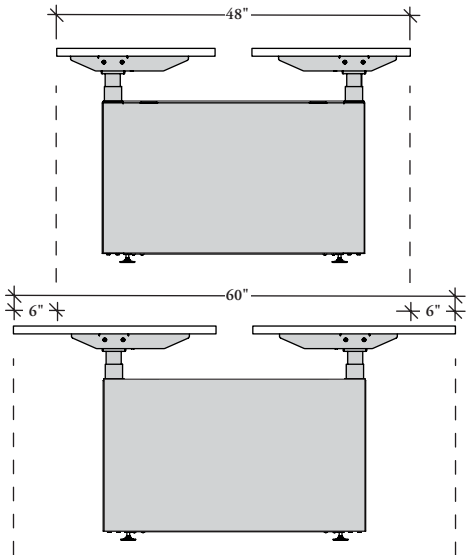
Example 3 sections = 6 workstations



48" Frame depth

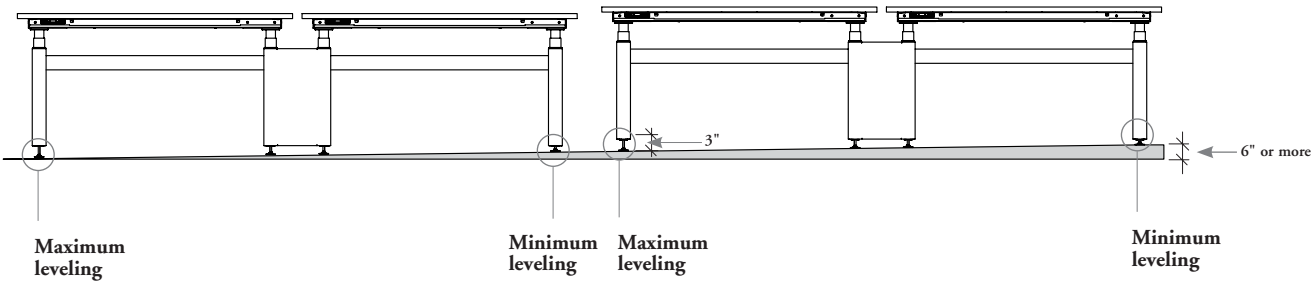
60" Frame depth

(Same frame as 48" depth but with deeper worksurfaces)



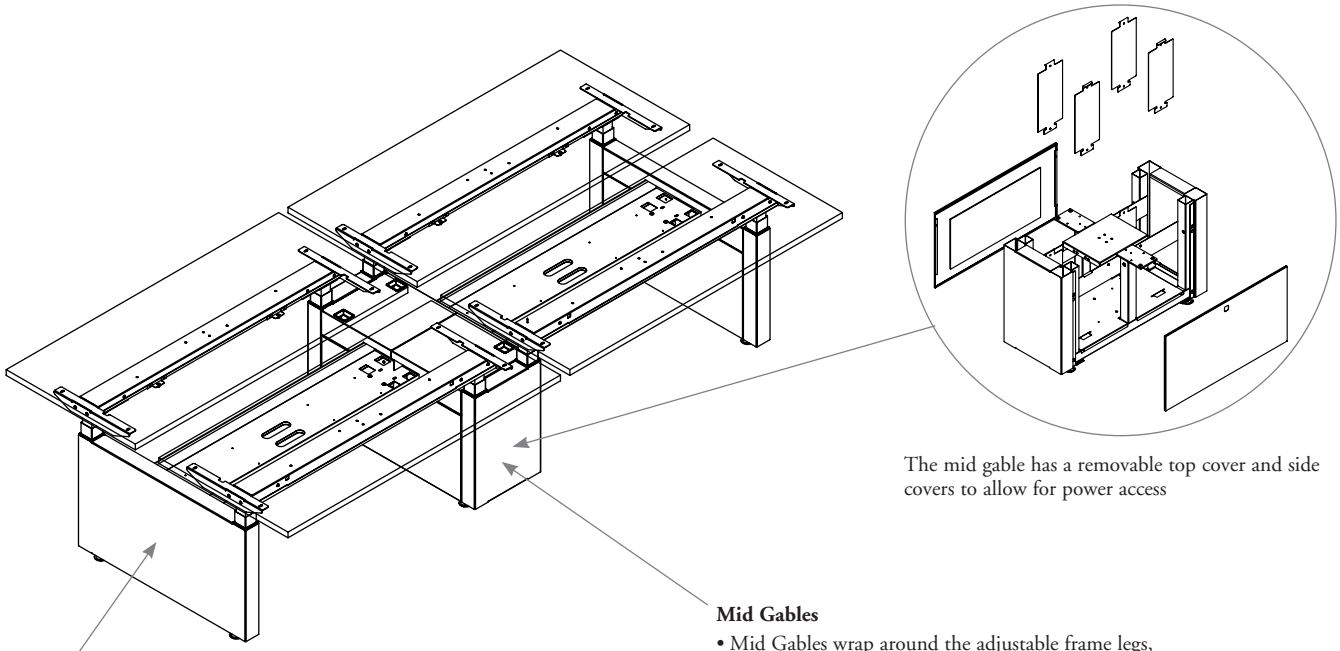
leveling

- hiSpace Height-Adjustable Bench Frames allow for 3" of leveling (when more than 3" of leveling is required, a break in the bench run is necessary)
- A site check prior to order is required to determine floor levels



planning with hispace frames (continued)

The Universal Frame includes a number of end and mid gables depending on stations specified.



The mid gable has a removable top cover and side covers to allow for power access

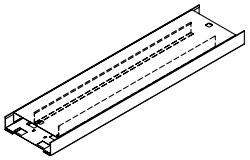
End Gables

- End gables wrap around and align with the legs of the frame, add stability and create a seamless aesthetic
- Two end gables are included with all runs, regardless of section quantity ordered

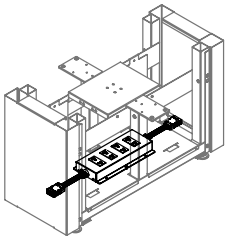
Mid Gables

- Mid Gables wrap around the adjustable frame legs, and include a two piece metal cap with four cut outs to allow for easy access and optional e-Chain vertical wire management
- Power Poles are optional and only available in the mid gable
- Creates enclosed area to conceal and store excess wires and modular cables
- The mid gable has a removable top cover and side covers to allow for power access

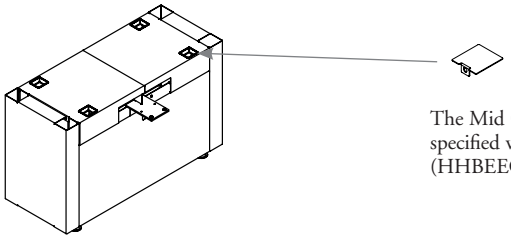
hiSpace Cable Tray Cover



The hiSpace Cable Tray Cover is available with or without cable division. The division allows for divided power and data routing throughout the Cable Tray



The mid gable includes a bracket to mount Power Box electrics

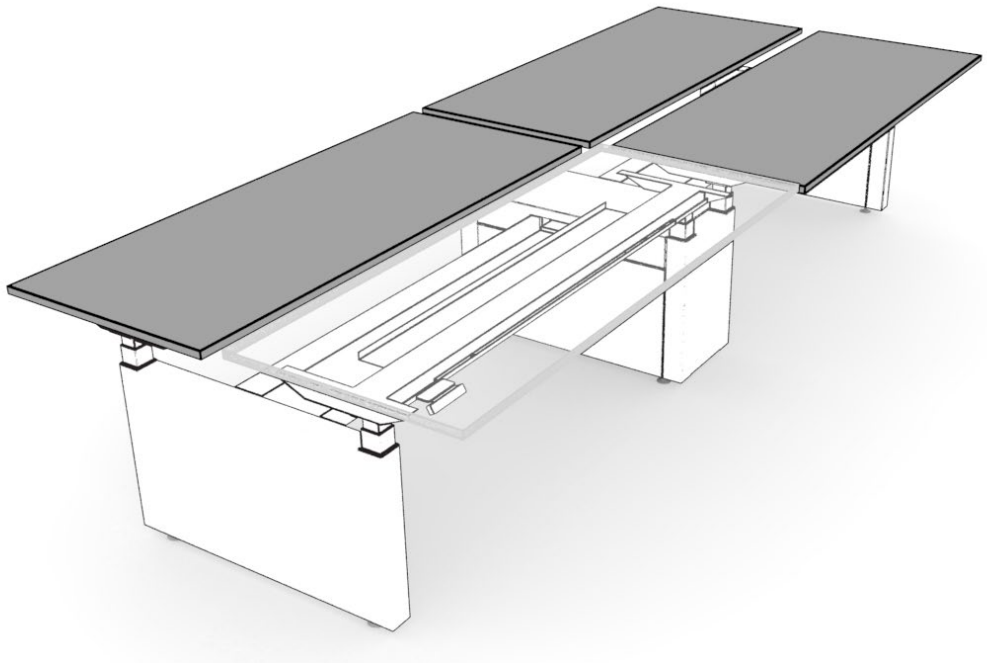


The mid gable includes four cut outs to ensure the e-Chain is protected from any interference

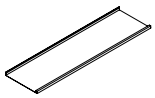
The Mid Gable Grommet Cap (HHBFGC) is specified when e-Chain Vertical Wire Managers (HHBEEC) are not required in the Mid Gable

hispace worksurface basics

hiSpace Rectangular Worksurfaces are available with a 3" or 5" center gap to accommodate casual screens. Various levels of power accessibility are available through the choice of worksurface.

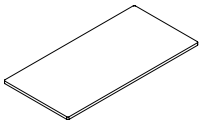


hiSpace Rectangular Worksurface with 3" gap shown



hiSpace Under Worksurface Cover (HHBWUC)

- Available in widths of 48-72" in 6" increments to match the frame widths
- Attaches to the center channel and conceals wires and power bars
- For use with Worksurface Wire Loom (YESL), which is available from Complements: *Teknion's Ergonomics & Accessories* Program.
- Available in Platinum, Ebony, Very White

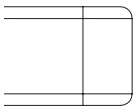
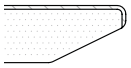
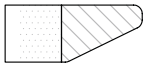
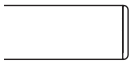
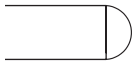


hiSpace Rectangular Worksurface (HHBWRL)

- Available in depths of 24" and 30" and widths of 48-72" in 6" increments to match the frame widths
- All depths are nominal; actual depths are either 1 ½" or 2 ½" (for 3" or 5" overall gap) less to allow for desk mounted or fixed center screens; see screen section for screen details
- All widths are nominal; actual widths are 2" less to allow a 1" gap on each side to prevent pinch points
- Center Electrical Grommet options and additional Pass Through Grommet locations available

hispace worksurface basics (continued)

edge profiles

	Source Laminate	Foundation Laminate Surface	Seamless Color Surface
Flat (8) All Edges		✓	
Seamless Flat (G) All Edges 			✓
Full Knife (H) User Edge 		✓	
Seamless Full Knife (X) User Edge 			✓
Straight Trim (6) All Edges 	✓	✓	
Bullnose Trim (2) User Edge 		✓	

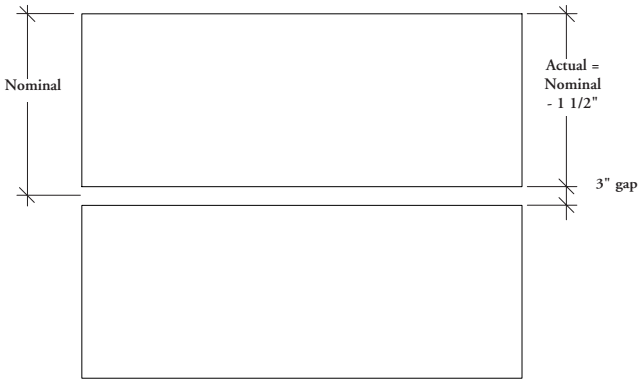
planning with hispace worksurfaces

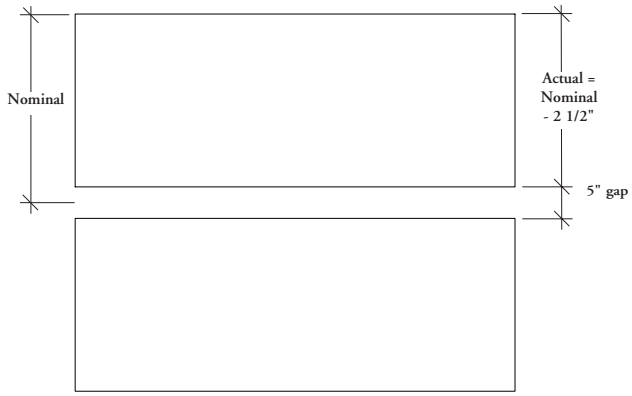
The following should be considered when planning with hiSpace Height-Adjustable Bench Rectangular worksurfaces.

depths and widths

Worksurface depths and widths are nominal.

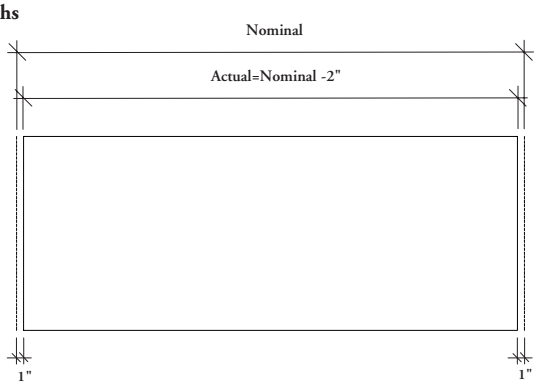
Depths





Actual depths are 1 1/2" or 2 1/2" less to provide a 3" or 5" gap between face to face users for space division.

Widths

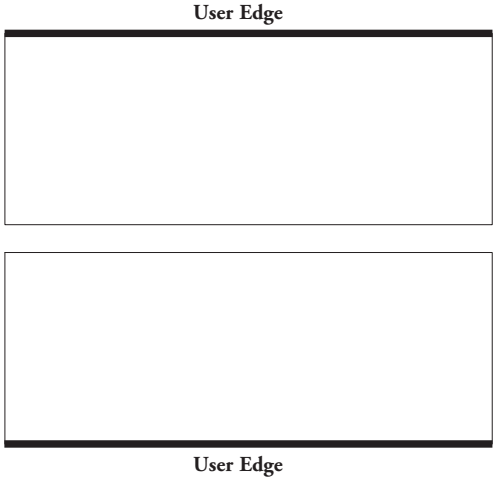


The actual width is 2" less than the nominal width to allow for a 1" gap on each side of the surface for height-adjustable safety precautions. This results in a 2" gap between lateral worksurfaces.

edge profiles

Full Knife and Bullnose edge details are only on the user side. Non-user edges are always Flat Trim.

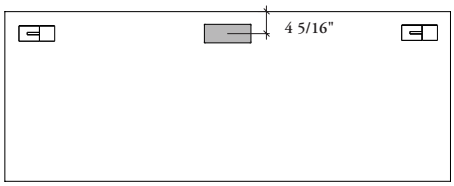
• Bullnose user edge detail will always have a straight profile on the ends.



planning with worksurfaces (continued)

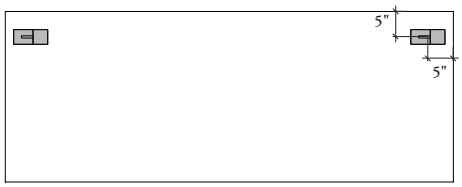
grommets

- Two cut out options are available:
  - Central Electrical Grommet
  - Pass-Through Grommet
- Pass-Through Grommets are available left, right and/or center, the Central Electrical Grommet is only available in the center



Central Electrical Grommet

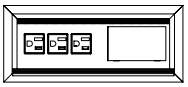
- Central Electrical Grommet are centered 4 5/16" on center from the rear edge
- Central Electrical Grommet must be plugged into modular power. It **cannot** be connected to a Power Rod/Power Bar



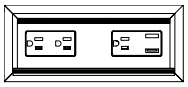
Pass Through

- Grommets are located 5" on center from both side and rear edges
- When a Center Electrical Grommet is specified a pass through grommet **cannot** go in the center location

Central Electrical Grommet options



3x Receptacles and Data



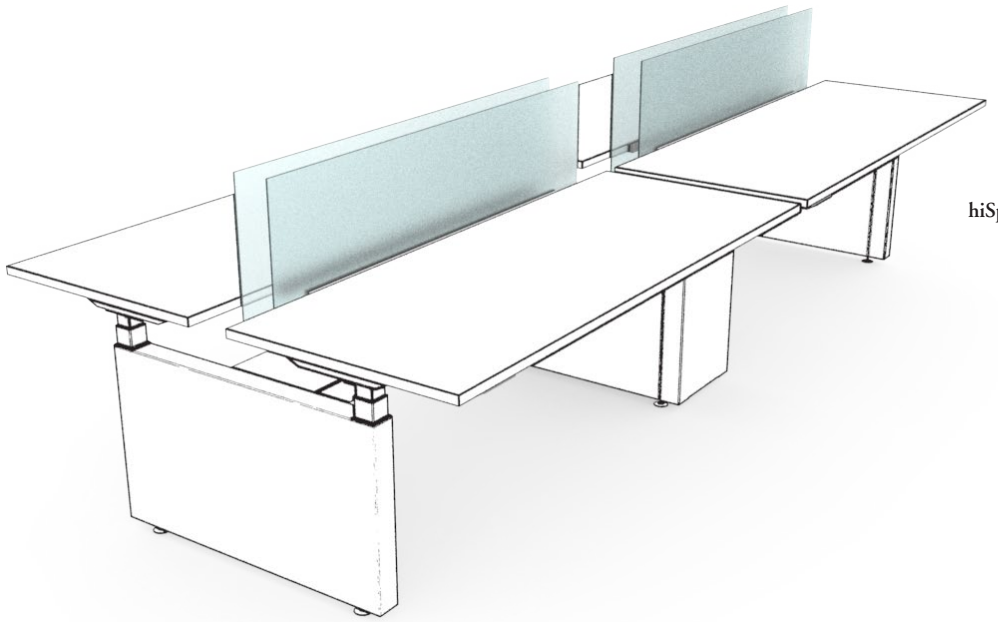
2x USB, and 3x Receptacles

Pass Through Grommet

Available in Platinum

hispace center casual screen basics

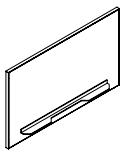
hiSpace Rectangular Worksurfaces are available with a 3" or 5" center gap to accommodate casual screens. Various levels of power accessibility are available through the choice of worksurface.



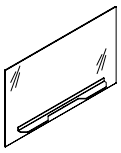
hiSpace Desk Edge Screen-Glass shown

desk screens

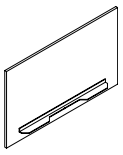
- Mount flush to the rear worksurface edge to create privacy and physical separation at any height.
- A 5" gap between worksurfaces must be specified
- Available in glass, fabric or solid finishes
- Available in heights of 13" and 22" to achieve 42" and 51" datum heights when mounted to the worksurface at 29" height
- Available in widths from 48-72" in 6" increments
- Trim bracket available in Foundation, Mica and Accent finishes



hiSpace Desk Edge Screen – Fabric (HHBCDF)
- Available in:
  – Panel Fabrics Gr. 1-5
  – Upholstery Fabrics Gr. 1-10 COM



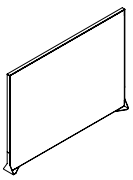
hiSpace Desk Edge Screen – Glass (HHBCDG)
- Available in Clear or Frosted Glass



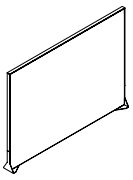
hiSpace Desk Edge Screen – Solid (HHBCDS)
- Available in Source Laminate or Seamless

center casual screens

- Mounts to the accessory beam on a Cable Tray to provide privacy and space division
- Available 33.5" high to achieve a 51" high datum when mounted to the accessory rail
- Available in fabric and solid finishes



hiSpace Center Casual Screen- Fabric (HHBCCF)
- Available in:
  – Panel Fabrics Gr. 1-5
  – Upholstery Fabrics Gr. 1-10 COM

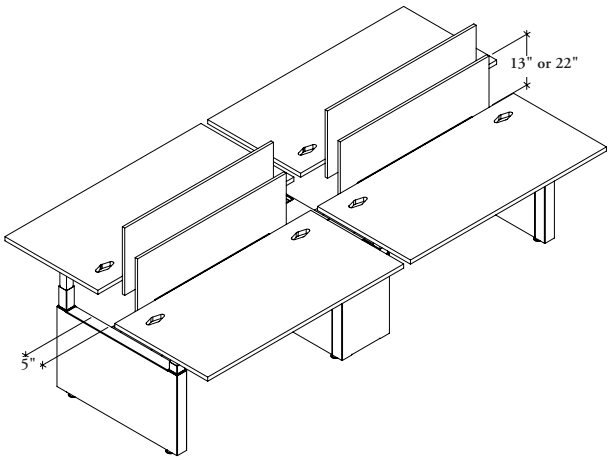


hiSpace Center Casual Screen- Solid (HHBCCS)
- Available in Source Laminate or Seamless

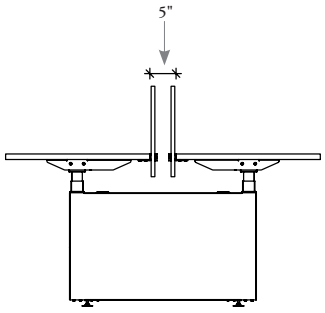
planning with hispace desk edge screens

The following should be considered when planning with hiSpace Desk edge Screens.

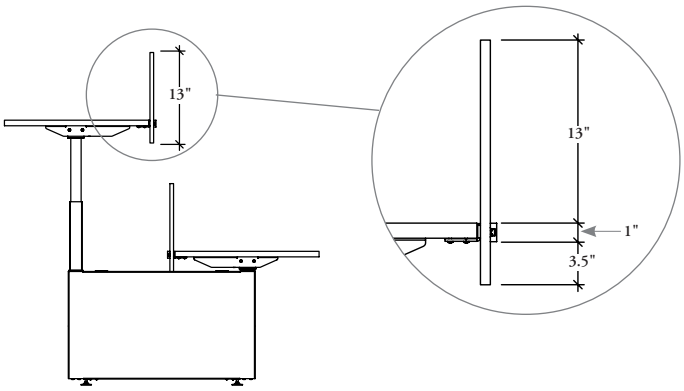
There are two screen heights available; 13" and 22" above worksurface (and 3.5" below).



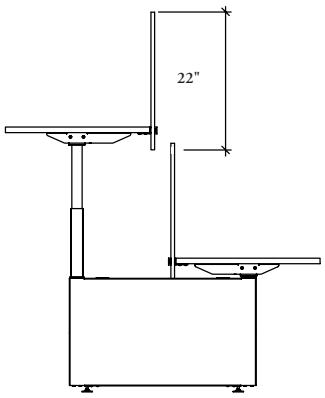
- The Desk Edge Screen is mounted flush to the rear edge of the worksurface
- Pass through grommets will be required for wires to be routed below the worksurface



Desk Edge Screens must be used with a 5" worksurface gap, they cannot be used with a 3" gap.



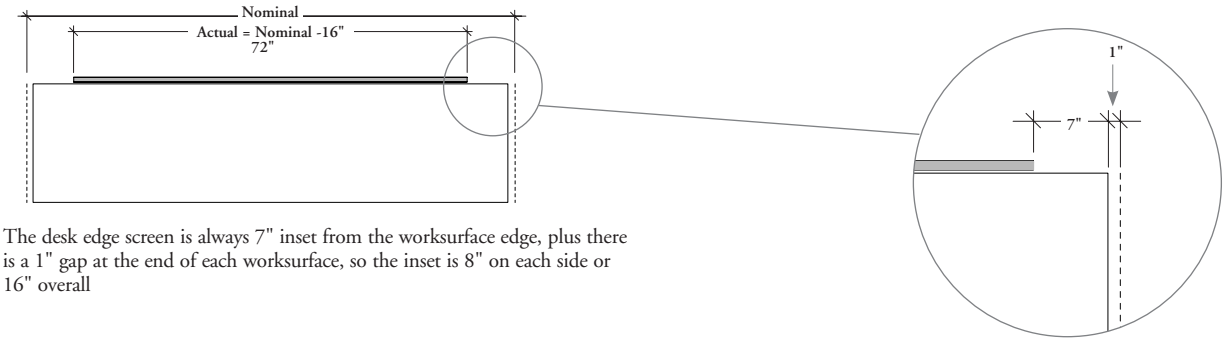
The 13" high Desk Edge Screen does not provide full privacy due to the extended range heights.



The 22" high Desk Edge Screen provides full privacy between users.

actual vs. nominal sizing

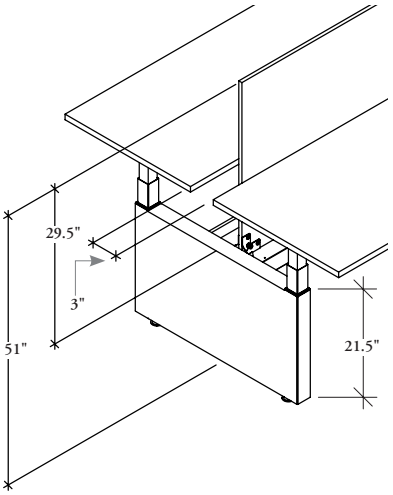
When Specifying the Desk Edge Screen it is important to consider nominal vs. actual sizing.



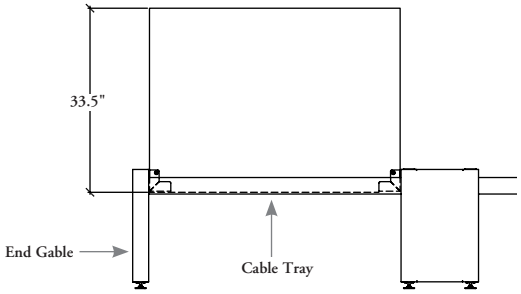
The desk edge screen is always 7" inset from the worksurface edge, plus there is a 1" gap at the end of each worksurface, so the inset is 8" on each side or 16" overall

planning with hispace center casual screens

The following should be considered when planning with hiSpace Center Casual Screens.



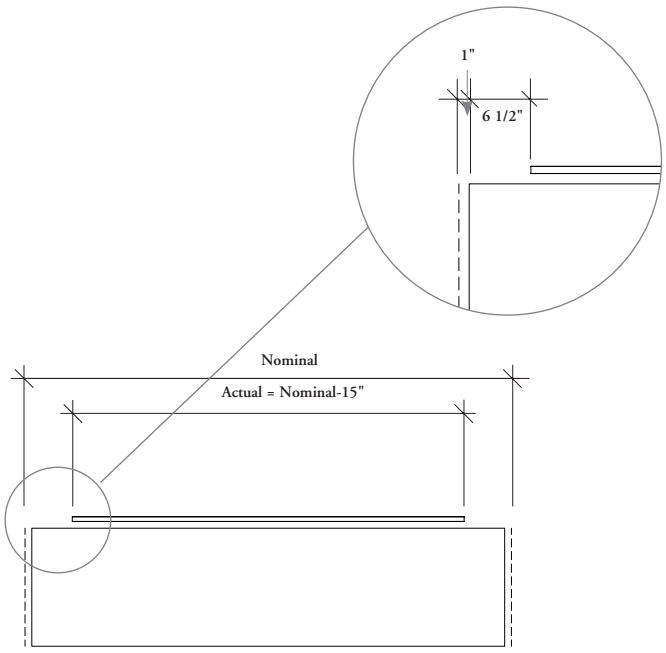
- The Center Casual Screen is 33.5" high and has an overall 51" high datum height
- Must be used with a 3" gap worksurface



- The Center Casual Screen is 33.5" high. As the screen mounts in the Cable Tray, overall Screen exposure is 29.5" when a Cable Tray is used

actual vs. nominal dimension

When specifying Center Casual Screens, it is important to consider nominal vs. actual sizing.



The Center Casual Screen is 6 1/2" less than the worksurface width on each side. Worksurfaces also have a 1" gap on each side so the overall actual width is 15" less then the nominal width.

planning with hispace center casual screens (continued)

The following chart outlines the nominal vs. actual width of Desk Edge Screens and Center Casual Screens.

Desk Edge Screens

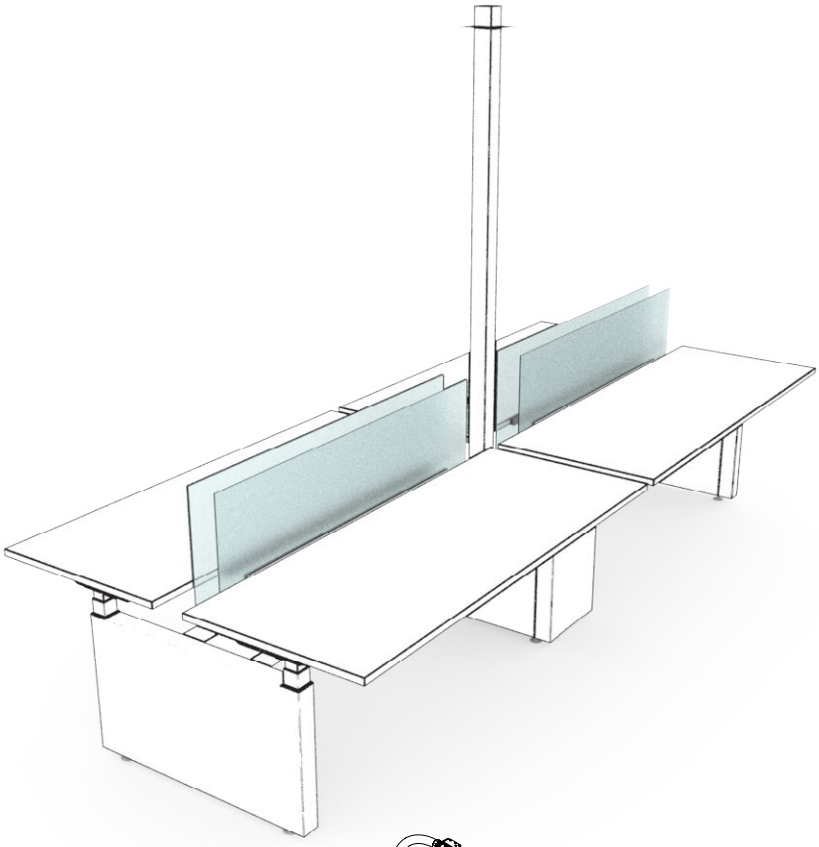
Nominal Widths	Actual Widths
48	32
54	38
60	44
66	50
72	56

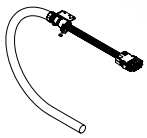
Center Casual Screens

Nominal Widths	Actual Widths
48	33
54	39
60	45
66	51
72	57

hispace power pole and base feed basics

Power and data enter the hiSpace Height-Adjustable Bench from the ceiling through a Power Pole and Ceiling Feed or from the floor with a Base Feed.



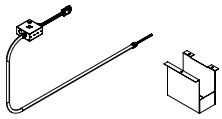


hiSpace Base Feed (HHBEBF)

- Provides routing for power from the floor to a Power Box with the Cable Tray
- Cable riser locations include 24", 48",60" and 72"
- Whip lengths available include 72", 96", and 120"
- Wire systems include 4-Wire, 8-Wire Isolated Ground (8T), 7-Wire Non Isolated Ground (7T), 8-Wire Dual Isolated (8K) and 7-Wire Dual Non Isolated (7K)

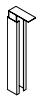
hiSpace Chicago Base Feed (HHBEBFCH)

- Required for city of Chicago electrical code requirements
- Whip length available is 72"



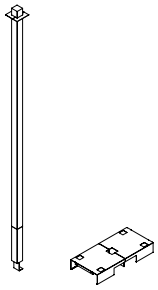
hiSpace Split Base Feed (HHBEBFS)

- Provides routing for power from the floor to a Power Box with the Cable Tray and is wired into the building power source in two locations for New York City wiring restrictions
- Whip lengths available include 72", 96", and 120"
- Wire systems include 4-Wire, 8-Wire Isolated Ground (8T), 7-Wire Non Isolated Ground (7T), 8-Wire Dual Isolated (8K) and 7-Wire Dual Non Isolated (7K)
- Cable riser locations include 24", 48",60" and 72"



hiSpace Cable Riser (HHBECR)

- Used to route power and data cables into a workstation from the floor
- Available in Foundation and Mica colors



hiSpace Power Pole (HHBEPP)

- Routes a ceiling feed and data cables from the ceiling to the workstation
- Used in Mid condition only
- Heights available are 96" and 120"
- Power Pole includes replacement mid top cover with power pole provision and is always finished in Platinum, Ebony, Very White

hiSpace Ceiling Feed (HHBECF)

- Routes power from the ceiling to the workstations
- Lengths available are 96" and 120"
- Wire systems include 4-Wire, 8-Wire Isolated Ground (8T), 7-Wire Non Isolated Ground (7T), 8-Wire Dual Isolated (8K) and 7-Wire Dual Isolated (7K)

hiSpace Chicago Ceiling Feed (HHBECFCH)

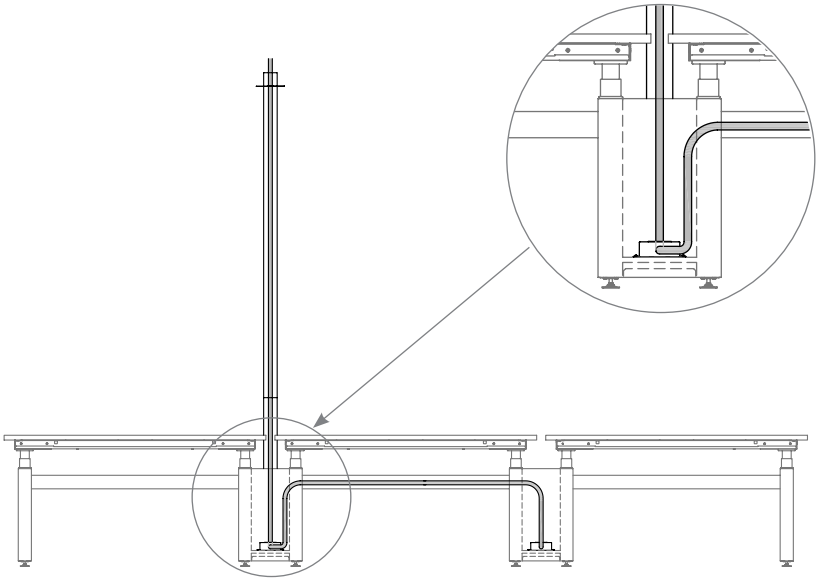
- Required for city of Chicago electrical code requirements
- Lengths available are 96" and 120"

planning with hispace power poles and base feeds

The following should be considered when planning with hiSpace Power Poles and Base Feeds.

power pole

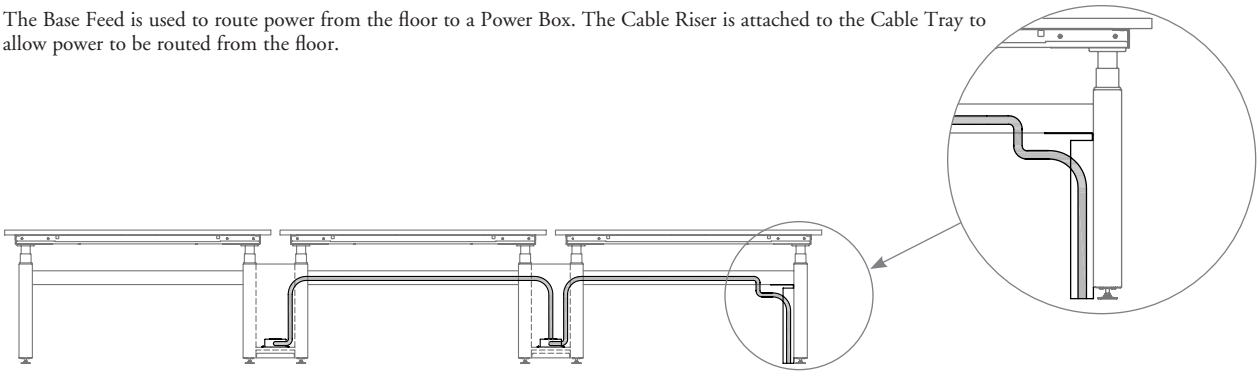
The Power Pole routes a Ceiling Feed and data cables from the ceiling to a workstation.



Power Poles attach to the mid gable structure to allow power to be routed from the ceiling.

base feed

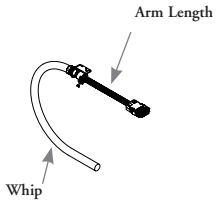
The Base Feed is used to route power from the floor to a Power Box. The Cable Riser is attached to the Cable Tray to allow power to be routed from the floor.



cable riser

When a floor monument does not align with the Mid gable, a Cable Riser is required to route the base feed to the Mid Gable. It can be placed anywhere along the cable tray dependent on where the floor monument location is located on the floor.

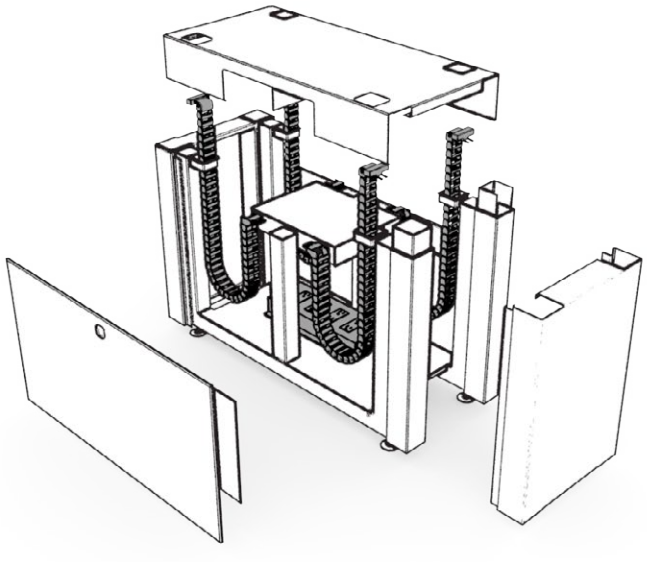
- Specified Cable Riser location determines arm length
- Cable Riser location is the maximum distance a floor mounted can be located and still have the base feed reach the Power Box
- Actual Arm Length is calculated as Cable Riser Location (Mid = 0) +12

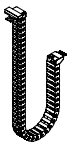


hispace wire management basics

hiSpace Height-Adjustable Bench provides a module electrics option for power and data distribution.

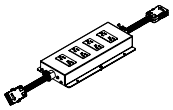
The following outlines the basic components of modular electrics.





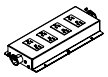
hiSpace e-Chain Vertical Wire Manager (HHBEEC)

- Available in Platinum, Ebony, Very White



hiSpace Power Box (HHBEPB)

- Mounts only to the mid gable
- Wire systems available include 4-Wire, 8-Wire Isolated Ground (8T), 7-Wire Non Isolated Ground (7T), 8-Wire Dual Isolated (8K) and 7-Wire Dual Non Isolated (7K)
- Outlet configurations available are; Circuit 1, Circuit 1 & 2, Circuit 1 & 3 (8T only), Circuit 1 & 5 (8T or 8K only), Circuit 1 & 6 (8K only), Circuit 1, 2, 3 & 5 (8T only), Circuit 1, 2 & 5 (8T or 8K only), Circuit 1, 2, 5 & 6 (8K only), Circuit 2, Circuit 2 & 5 (8T or 8K only), Circuit 2 & 6 (8K only), Circuit 3 (8T only), Circuit 3 & 5 (8T only), Circuit 5 (8T or 8K only), Circuit 5 & 6 (8K only), Circuit 6 (8K only), Circuit 1 & A (7T or 7K only), Circuit 1 & B (7K only), Circuit 1, 2, 3 & A (7T only), Circuit 1, 2 & A (7T or 7K only), Circuit 1, 2, A & B (7K only), Circuit 2 & A (7T or 7K only), Circuit 2 & B (7K only)

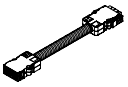


hiSpace Chicago Power Box (HHBEPBCH)

- Required for city of Chicago electrical code requirements

hiSpace Power Harness (HHBEPH)

- Routes power from one power module to another
- Wire systems available include 4-Wire, 8-Wire Isolated Ground or 8-Wire Dual Isolated Ground
- Lengths available are 72", 84", 96" and 120"



hiSpace Extension Harness (HHBEEH)

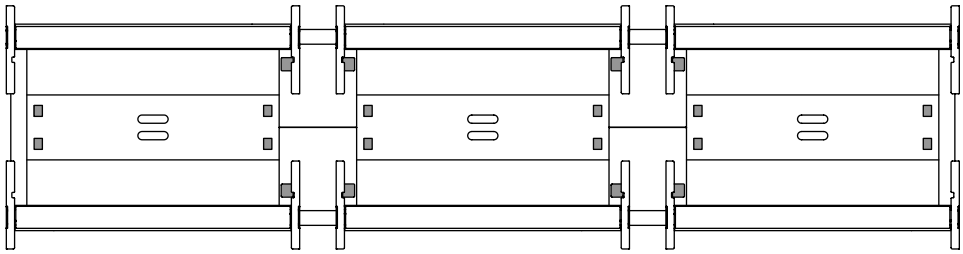
- Used when power needs to be routed beyond a Mid Gable that requires no power routing
- Wire systems available include 4-Wire, 8-Wire Isolated Ground or 8-Wire Dual Isolated Ground
- Available 72" length

planning with hispace wire management basics

The following should be considered when planning with hiSpace Wire Management.

e-chain

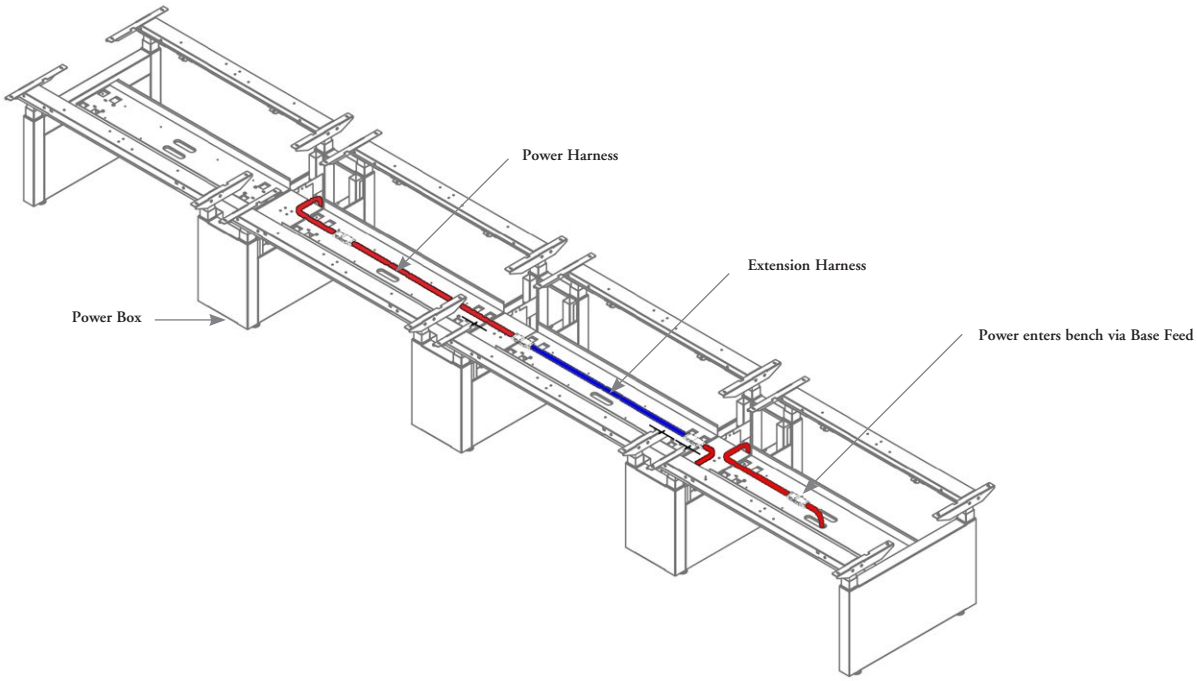
The following locations are available when planning with hiSpace e-Chains. There are four locations in the Mid Gable and four locations on the Cable Channel. This allows end section users to have up to three e-Chains per station and mid section users to have up to four e-Chains per station.



Note: If a single hiSpace frame is specified there are only four locations total on the cable channel allowing each user to have up to two e-Chains.

extension harness

The Extension Harness is used when not all Mid Gables require power. The Harness allows for power routing to pass over Mid Gables that do not require power.



wiring system

Four wiring systems are available for Interpret 8-Wire Isolated (8T), 7-Wire Non Isolated (7T), 8-Wire Dual Isolated (8K) and 7-Wire Dual Non Isolated (7K). Most common Teknion wiring configurations are achieved with these wiring systems.

For sites where Isolated Ground is not available, Teknion offers Non-Isolated Ground options for furniture wiring. The site electrician or electrical contractor/ consultant can identify sites where Isolated Ground is not available. For those sites, please specify Teknion 7T or 7K wiring systems.

	No. Regular Circuits	No. Isolated Circuits
8-Wire Isolated (8T) (3+1) Neutral (White) Circuit 1 (Black) Circuit 2 (Red) Circuit 3 (Blue) Ground (Green) Isolated Circuit 5 (Orange) Isolated Neutral (White/Orange) Isolated Ground (Green/Orange)	3	1
8-Wire Dual Isolated (8K) (2+2) Neutral (White) Circuit 1 (Black) Circuit 2 (Red) Ground (Green) Isolated Circuit 5 (Orange) Isolated Circuit 6 (Blue) Isolated Neutral (White/Orange) Isolated Ground (Green/Orange)	2	2
7-Wire Non Isolated (7T) (3+1) Neutral (White) Circuit 1 (Black) Circuit 2 (Red) Circuit 3 (Blue) Ground (Green) Neutral (White/Orange) Circuit A (Orange)	4	0
7-Wire Dual Non Isolated (7K) (2+2) Neutral (White) Circuit 1 (Black) Circuit 2 (Red) Isolated Neutral (White/Orange) Circuit A (Orange) Circuit B (Blue) Ground (Green)	4	0

wiring system/related circuit

	Wiring System			
	8T	8K	7T	7K
Regular Circuit 1 Receptacle	✔	✔	✔	✔
Regular Circuit 2 Receptacle	✔	✔	✔	✔
Regular Circuit 3 Receptacle	✔		✔	
Isolated Circuit 5 IG Receptacle	✔	✔		
Isolated Circuit 6 IG Receptacle		✔		
Regular Circuit A Receptacle			✔	✔
Regular Circuit B Receptacle				✔

✔ **Applicable**