power spine

understanding power spine

District Power Spine offers a simple and cost effective way to divide space and route power and data. It is available in Linear, Zig Zag and 120 Hub profiles.

linear and floor flush profile

Power Spine provides affordable power delivery, flexible planning and simple to specify linear planning.

zig zag profile

Zig Zag Power Spine provides an unique expression that gives the user the feeling of their own corner or nook.

120 hub profile

This 120° Hub offers privacy for heads down work, while optimizing the space in any office environment.

understanding power spine (continued)

Power Spine is designed to match the style of District although it is not a panel, it is a power spine. It has unique components and uses many components from District to complete a power spine configuration.

The unique components include:
- panel frame
- support kit
- lateral screens
- worksurface kits
- power spine specific to hiSpace tables
- base feed cover

The shared District components include:
- fabric, metal and solid fascias 13", 26", 35" and 41" height only
- top and end trims
- add-on glass, felt and infinity screens
- desk mounted screens
- electrics

It can be planned with Floor Flush Linear, Linear, Zig Zag and 120 Hub configurations.

The Linear, Zig Zag and 120 Hub configurations offer a 15'' high opening at the bottom of the panel.

Two frame heights are available for Linear, Zig Zag and 120 Hub:
- 29" (accepts a 13" add-on screens for an overall height of 42")
- 42" (accepts a 9" add-on screens for a maximum overall height of 51")

Floor Flush Power Spine heights are available:
- 29" (accepts a 28'' or 22'' + 6'' base feed fascia)
- 42'' (accepts a 41" or 35" + 6" base feed fascia)

Power Spine can be planned for various applications from freestanding height-adjustable tables to fixed worksurfaces to casual lounge environments.

The following typicals demonstrate layouts possible with Power Spine.

with height-adjustable tables

Mobile furniture and height-adjustable tables can be placed along the spine to meet task-intensive needs, yet still allow the furniture to be repositioned as needed.

understanding power spine (continued)

with fixed worksurfaces

Semi-suspended worksurfaces combined with floor screens provide a more conventional workstation.

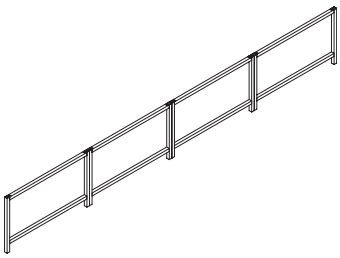
with casual lounge furniture

The spine provides space division and power access in casual environments and open collaborative spaces.

floor flush power spine basics

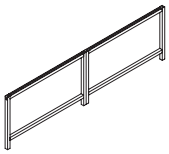
The Power Spine structure consists of a frame and support kit. End and top trims, fascias, screens and electrical components are added from the District offering.

- Module Widths: 48", 60", 66", 72", 84"
- Overall Widths: 96", 120", 132" 14A", 144", 168", 180", 192", 198", 216", 240", 288", 252", 264" 336"
- Power Spine widths over 240" recommend lateral screens at the ends for support



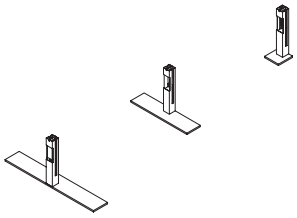
Floor Flush Power Spine (UNFF)

- Height: 29"
- Compatible with:
  - Standard District Top Trims and End Trims
  - Panel Wall Add-On Screens - Glass
  - Panel Wall Add-On Screens - Felt
- Fascias:
  - 28" high or 22"+ 6" base feed fascia
  - For metal/fabric fascias choose: Frame for Metal/Fabric
  - For solid fascias choose: Frame for Solid Fascia
- Can accommodate semi suspended worksurfaces since the mounting channel at 29" high remains accessible



Floor Flush Inset Power Spine (UYFF)

- Height: 29", 42"
- Compatible with:
  - District Panel Top Trim for Panels with Inset Glass (6mm and 10mm)
  - District Panel Top Trim for Panels with Inset Smooth Felt
  - Panel Top Trim for Panels with Inset Glass
  - Panel Glass Blade for Panels with Inset Glass (6mm and 10mm)
  - Smooth Felt Blade for Panels with Inset
- Fascias:
  - 41" high or 35"+6" base feed fascia
  - For metal/fabric fascias choose: Frame for Metal/Fabric
  - For solid fascias choose: Frame for Solid Fascia
- Cannot accommodate worksurfaces on the 29" high frame
  - 29" high datum is inaccessible due to the frame structure for inset glass or felt screens
  - 42" high panel



Floor Flush Power Spine Support Kit (UZFF)

- Height: 29", 42"
- Components include:
  - large or medium feet (levelers between if needed)
- Large feet are 18" deep
- Medium feet are 12" deep
- Number of large and medium is dependent on support kit selected. Refer to chart on price page
- Finishes:
  - Foundation
  - Mica
  - Accent

power spine basics

The Power Spine structure consists of a frame and support kit. End and top trims, fascias, screens and electrical components are added from the District offering.

linear

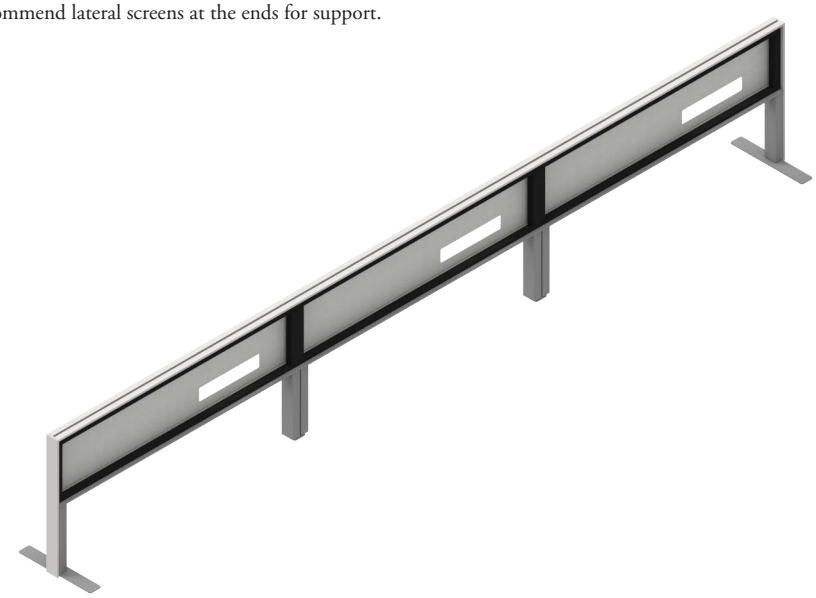
Power Spines are specified the complete length of the configuration and not as individual modules.

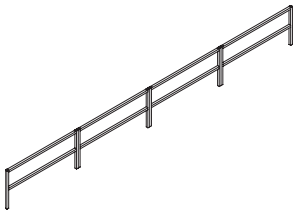
The Support Kit is also specified the complete length so that the proper amount of feet and posts are included.

• Module Widths: 48", 60", 66", 72", 84"

• Overall Widths: 96", 120", 132", 14A", 144", 168", 180", 192", 198", 216", 240", 288", 252", 264", 336"

Power Spine widths over 240" recommend lateral screens at the ends for support.





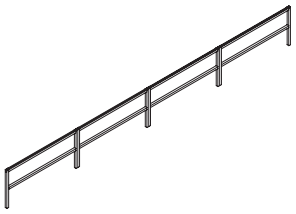
Power Spine Panel (UNPZ)

• Height: 29"

• Compatible with:
- Standard District Top and End Trims
- Panel Wall Add-On Screens - Glass
- Panel Wall Add-On Screens - Felt

• Can accommodate semi-suspended worksurfaces since the mounting channel at 29"high remains accessible

• Fascias:
- 13" metal/fabric fascia paired with Frame for Metal/Fabric
- 13" solid fascia paired with Frame for Solid Fascias



Power Spine Inset Panel (UYPZ)

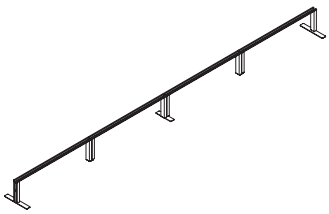
• Height: 29", 42"

• Compatible with:
- District Panel Top Trim for Panels with Inset Glass (6mm and 10mm)
- District Panel Top Trim for Panels with Inset Smooth Felt
- Panel Top Trim for Panels with Inset Glass
- Panel Glass Blade for Panels with Inset Glass (6mm and 10mm)
- Smooth Felt Blade for Panels with Inset
- Infinity Add-On Blade with Panel Top Trim for Panels with Inset Glass (UYTT) (6mm)

• Fascias for 29" high
- 13" metal/fabric fascia paired with Frame for Metal/Fabric
- 13" solid fascia paired with Frame for Solid Fascias

• Fascia for 42" high
- 26" metal/fabric fascia paired with Frame for Metal/Fabric
- 26" solid fascia paired with Frame for Solid Fascias

• Cannot accommodate worksurfaces on the 29" high frame
- 29" and 42" high datum is inaccessible due to the frame structure for inset glass or felt screens



Power Spine Support Kit (UZPK)

• Height: 29", 42"

• Components include:
- bottom trim
- leg covers
- large or medium feet and post feet

• Support Types:
- no support post
- with center support post
- with offset support post

• Large feet are 18" deep

• Medium feet are 12" deep

• The number of large and medium feet is dependent on support kit selected. Refer to chart on price page

• Finishes:
- Foundation
- Mica
- Accent

power spine basics (continued)

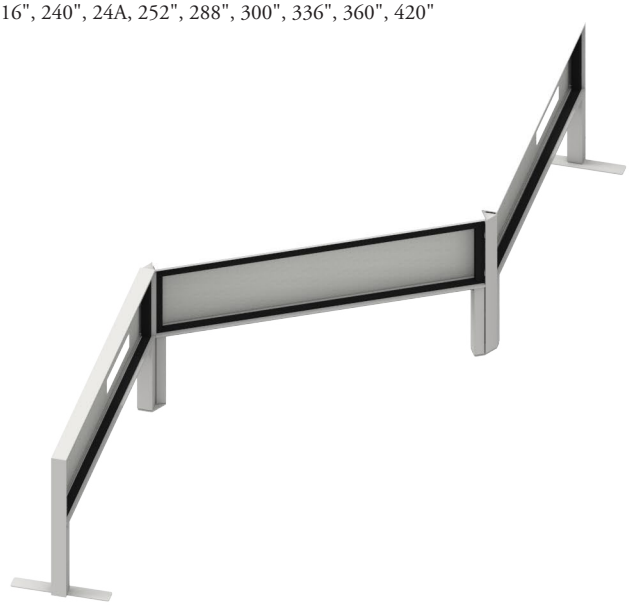
zig zag

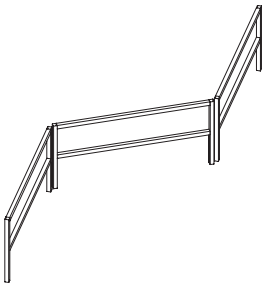
Zig Zag Power Spines are specified the complete length of the configuration and not as individual modules. Includes a centralized single post at each junction.

The Support Kit is also specified the complete length so that the proper amount of feet and posts are included.

The Zig Zag spine is offered in spine lengths of three, four or five segments of standard module sizes, where the in line Power Spine is limited to four.

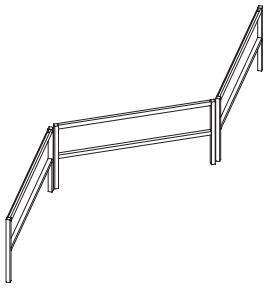
- Standard Height: 29"
- Inset Height: 29", 42"
- Module Widths: 48", 60", 72", 84"
- Overall Widths: 14A, 180", 192", 216", 240", 24A, 252", 288", 300", 336", 360", 420"





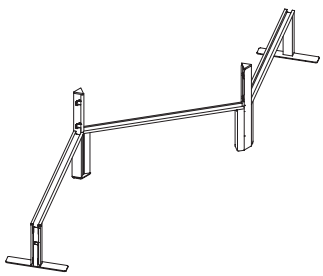
Power Spine Zig Zag (UNZZ)

- Height: 29"
- Compatible with:
  - Standard District Top and End Trims
  - Panel Wall Add-On Screens - Glass
  - Panel Wall Add-On Screens - Felt
- Can accommodate semi-suspended worksurfaces since the mounting channel at 29"high remains accessible
- Fascias:
  - 13" metal/fabric fascia paired with Frame for Metal/Fabric
  - 13" solid fascia paired with Frame for Solid Fascias



Power Spine Zig Zag Inset Panel (UYZZ)

- Height: 29", 42"
- Compatible with:
  - District Panel Top Trim for Panels with Inset Glass (6mm and 10mm)
  - District Panel Top Trim for Panels with Inset Smooth Felt
  - Panel Top Trim for Panels with Inset Glass - Panel Glass Blade for Panels with Inset Glass (6mm and 10mm)
  - Smooth Felt Blade for Panels with Inset
  - Infinity Add-On Blade with Panel Top Trim for Panels with Inset Glass (UYTT) (6mm)
- Fascias for 29" high
  - 13" metal/fabric fascia paired with Frame for Metal/Fabric
  - 13" solid fascia paired with Frame for Solid Fascias
- Fascia for 42" high
  - 26" metal/fabric fascia paired with Frame for Metal/Fabric
  - 26" solid fascia paired with Frame for Solid Fascias
- Cannot accommodate worksurfaces on the 29" high frame
  - 29" high datum is inaccessible due to the frame structure for inset glass or felt screens
  - 42" high panel



Power Spine Zig Zag Support Kit (UZZK)

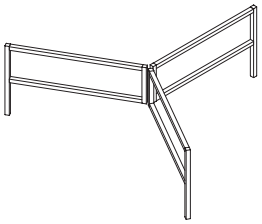
- Height: 29", 42"
- Components include:
  - top cap
  - vertical trims
  - connectors
  - gaskets
  - shared feet
  - bottom trims and covers
  - two large feet
  - support feet
  - leg covers
- Large feet are 18" deep
- The number of large and medium feet is dependent on support kit selected. Refer to chart on price page
- Finishes:
  - Foundation
  - Mica
  - Accent

power spine basics (continued)

120 hub panel

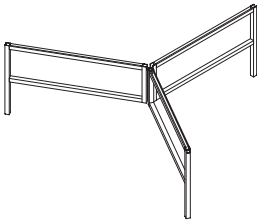
The 120 Hub consists of three panels in a 120˚ configuration and is specified as a complete frame The Support Kit is also specified as a complete unit.

- Standard Height: 29"
- Inset Height: 29", 42"
- Module Widths: 48", 60"



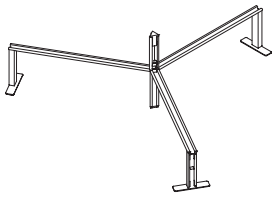
Power Spine 120 Hub Panel (UNYH)

- Height: 29"
- Compatible with:
  - Standard District Top and End Trims
  - Panel Wall Add-On Screens - Glass
  - Panel Wall Add-On Screens - Felt
- Can accommodate semi-suspended worksurfaces since mounting channel at 29" high the remains accessible
- 13" fabric or metal fascias are specified with this frame
- Fascias:
  - 13" metal/fabric fascia paired with Frame for Metal/Fabric
  - 13" solid fascia paired with Frame for Solid Fascias



Power Spine 120 Hub Inset Panel (UZYH)

- Height: 29", 42"
- Compatible with:
  - District Panel Top Trim for Panels with Inset Glass (6mm and 10mm)
  - District Panel Top Trim for Panels with Inset Smooth Felt
  - Panel Top Trim for Panels with Inset Glass
  - Panel Glass Blade for Panels with Inset Glass (6mm and 10mm)
  - Smooth Felt Blade for Panels with Inset
  - Infinity Add-On Blade with Panel Top Trim for Panels with Inset Glass (UYTT) (6mm)
- Fascias for 29" high
  - 13" metal/fabric fascia paired with Frame for Metal/Fabric
  - 13" solid fascia paired with Frame for Solid Fascias
- Fascia for 42" high
  - 26" metal/fabric fascia paired with Frame for Metal/Fabric
  - 26" solid fascia paired with Frame for Solid Fascias
- Cannot accommodate worksurfaces on the 29" high frame
  - 29" high datum is inaccessible due to the frame structure for inset glass or felt screens
  - 42" high panel

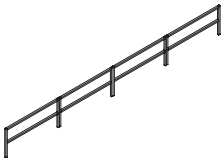
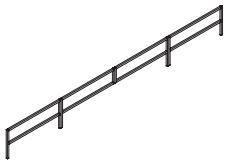
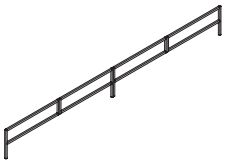


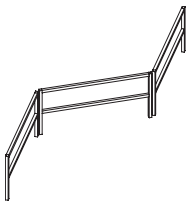
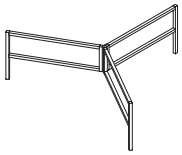
Power Spine 120 Hub Support Kit (UZYK)

- Height: 29", 42"
- Components include:
  - top cap
  - connectors
  - gaskets
  - central post
  - bottom trims
  - three med feet are 12" deep
- The number of large and medium is dependent on support kit selected (see chart)
- Finishes:
  - Foundation
  - Mica
  - Accent

power spine basics (continued)

The following chart shows the number of panels within a Power Spine span.

POWER SPINE LINEAR		
		
CENTER POST	**OFFSET POST**	**NO POST**
120 (two 60" panels)	14A (one 48" panel, one 96" panel)	96 (one 96" panel)
132 (two 66" panels)	180 (one 60" panel, one 120" panel)	120 (one 120" panel)
14A (three 48" panels)	192 (two 48" panels, one 96" panel)	192 (two 96" panels)
144 (two 72" panels)	240 (two 60" panels, one 120" panel)	240 (two 120" panels)
168 (two 84" panels)		
180 (three 60" panels)		
192 (four 48" panels)		
198 (three 66" panels)		
216 (three 72" panels)		
240 (four 60" panels)		
252 (three 84" panels)		
264 (four 66" panels)		
288 (four 72" panels)		
336 (four 84" panels)		

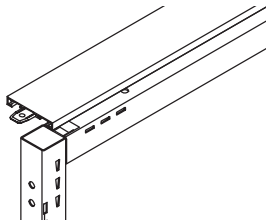
FLOOR FLUSH POWER SPINE	POWER SPINE ZIG ZAG	POWER SPINE 120
		
096 (one 96" panels)	14A (three 48" panels)	48 (three 48" panels)
120 (two 60" panels)	180 (three 60" panel)	60 (three 60" panels)
132 (two 66" panels)	192 (four 48" panels)	
14A (three 48" panels)	216 (three 72" panels)	
144 (two 72" panels)	240 (four 60" panels)	
168 (two 84" panels)	24A (five 48" panels)	
180 (three 60" panels)6	252 (three 84" panels)	
192 (four 48" panels)	288 (four 72" panels)	
198 (three 66" panels)	300 (five 60" panels)	
216 (three 72" panels)	336 (four 84" panels)	
240 (four 60" panels)	360 (five 72" panels)	
252 (three 84" panels)	420 (five 84" panels)	
264 (four 66" panels)		
288 (four 72" panels)		
336 (four 84" panels)		

planning with power spine, top trims & screens

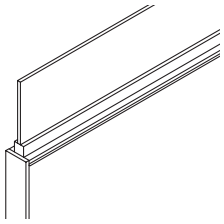
The following should be considered when planning with Power Spine Panels and Panel Spine support kits.

Two frame types are available for Floor Flush, Linear, Zig Zag and Hub Power Spine Panels.

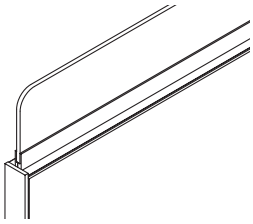
power spine panel



- Accepts a standard top trim
- If an add-on is desired, the top trim is replaced with a standard Panel Wall Add-On Screen – Glass or Felt Screen
- Must be used when semi-suspended worksurfaces are specified to allow access to the horizontal mounting rail

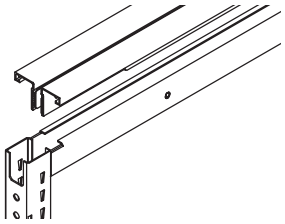


- Accepts add-on screen glass

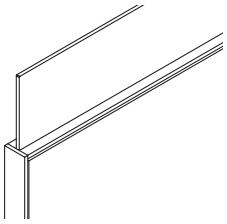


- Accepts add-on screen felt

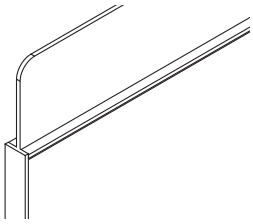
power spine inset panel



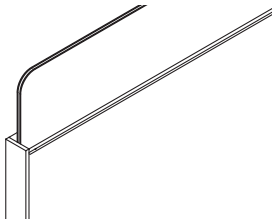
- Accepts a Panel Top Trim with Inset Glass, Infinity Fabric Blade or Felt
- Inset Panels are compatible with all Top Trim options
- **Cannot** be used when semi-suspended worksurfaces are specified as there is no horizontal mounting rail available



- Accepts panel glass blade



- Accepts panel felt blade



- Accepts infinity blade

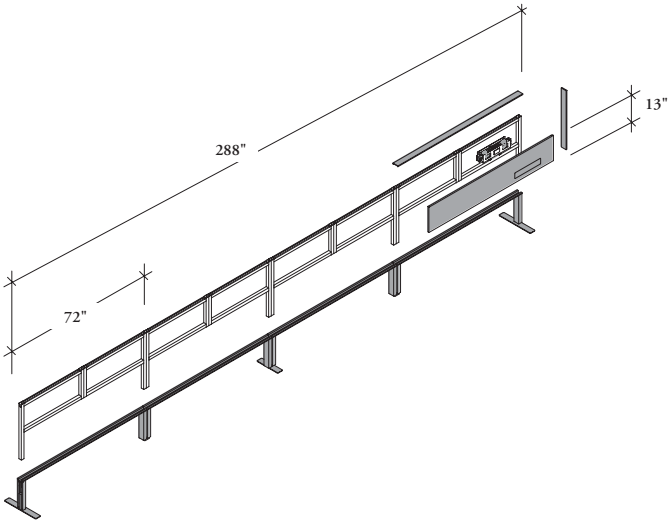
End trims, top trims and fascias are specified from the standard District product offering for all Panel Spine types:

- One solid, metal or fabric fascia is required on each side of a module

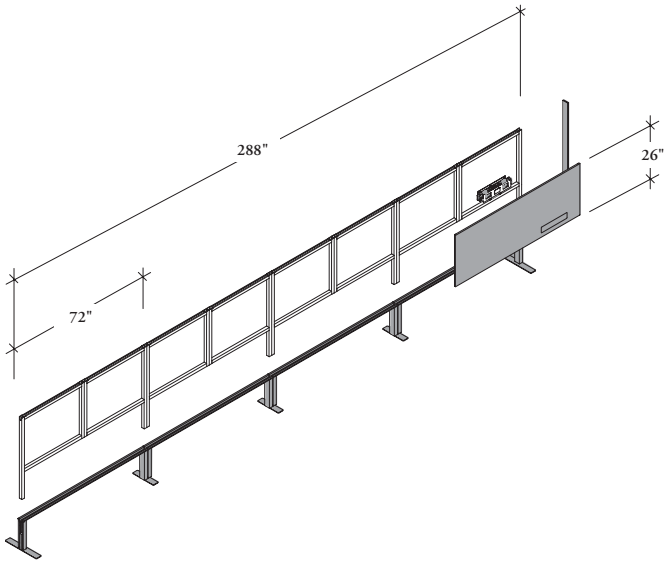
planning with power spine fascias

The following should be considered when planning with power spine fascias.

linear power spine

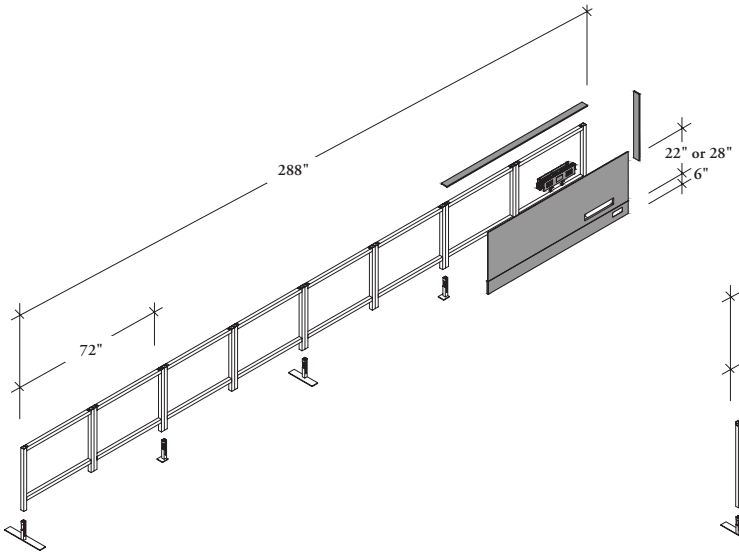


Example: 288" Power Spine
- Panels 29" high consisting of four 72" wide modules

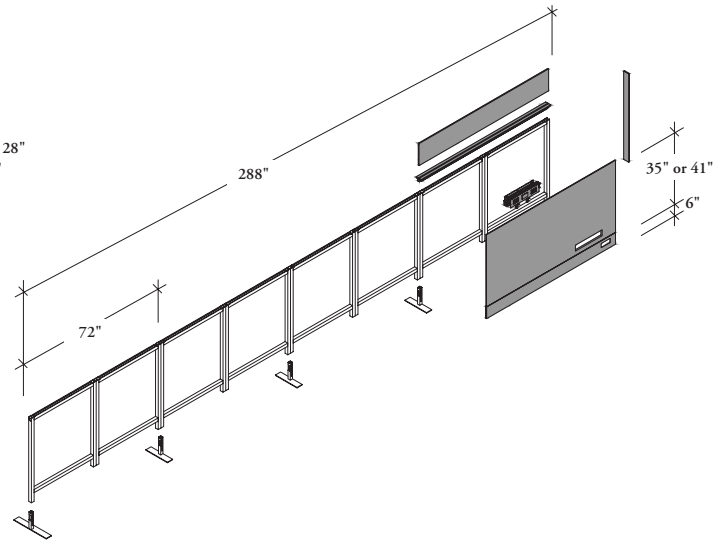


Example: 288" Power Spine
- Panels 42" high consisting of four 72" wide modules

floor flush power spine



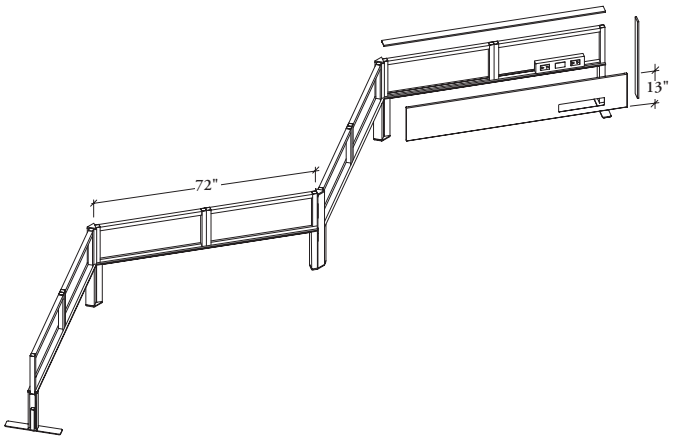
Example: 288" Floor Flush Power Spine
- Panels 29" high consisting of four 72" wide modules



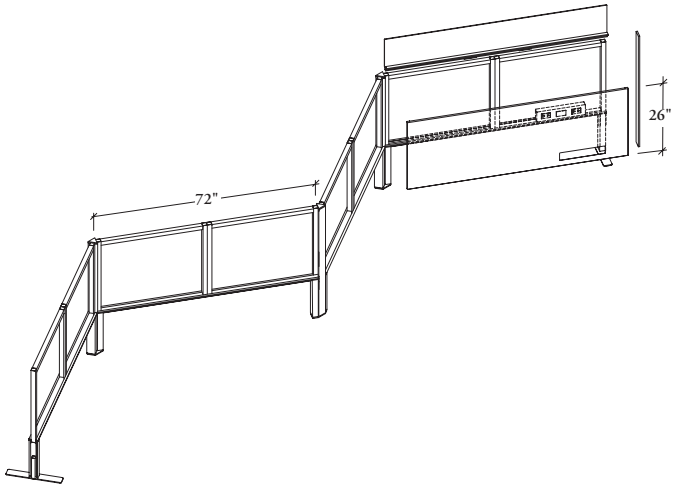
Example: 288" Floor Flush Power Spine
- Panels 42" high consisting of four 72" wide modules

planning with power spine fascias (continued)

zig zag spine

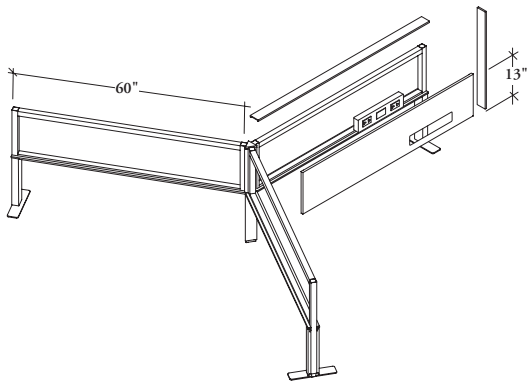


Example: 288" Power Spine
- Panels 29" high consisting of four 72" wide modules

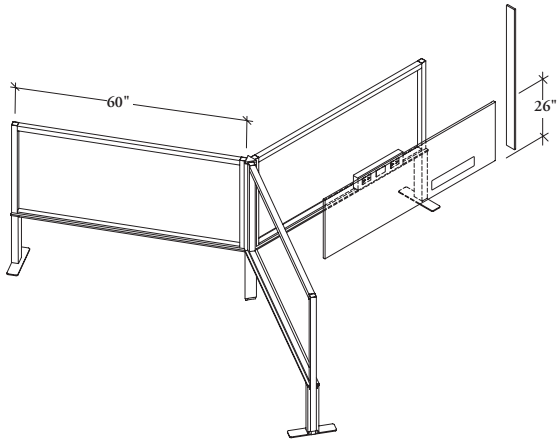


Example: 288" Power Spine
- Panels 42" high consisting of four 72" wide modules

power spine 120 hub



Example: 288" Power Spine
- Panels 29" high consisting of three 60" wide modules



Example: 288" Power Spine
- Panels 42" high consisting of three 60" wide modules

planning with power spine fascias (continued)

Linear Power Spine frames are available in three configurations.

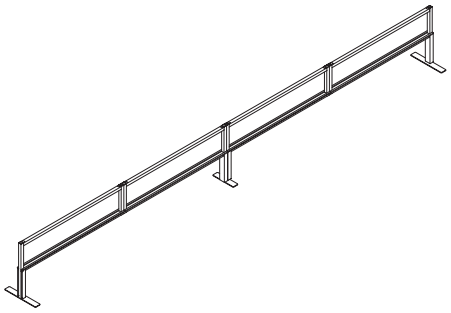
All support kits have a foot at each end as well as additional feet and support along the length depending on the size and configuration.

no support (N)

Allows for large spans without feet in these conditions:

- When no add-ons are used
- When felt screen add-ons are used

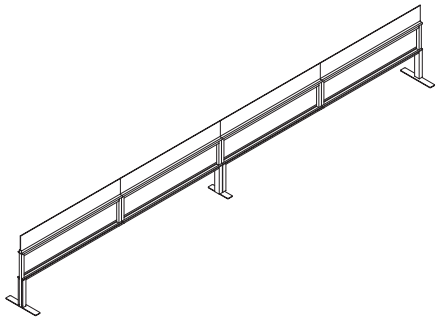
Cannot be used with glass add-on screens.



29" high frame shown

center support (C)

- Used when glass panel add-ons are used
- It provided the additional support required for the glass



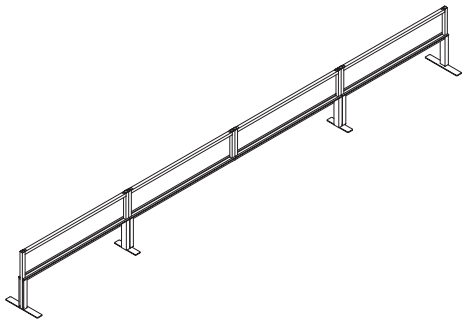
29" high frame shown

offset support post (F)

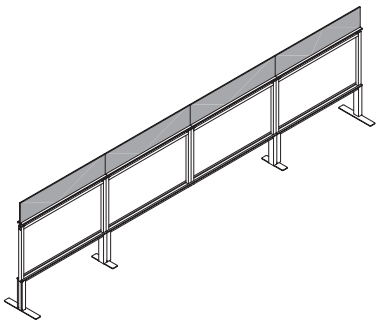
The offset placement allows for less visible support locations on a spine and is used when:

- When no add-ons are used
- When felt screen add-ons are used

Cannot be used with glass add-on screens.



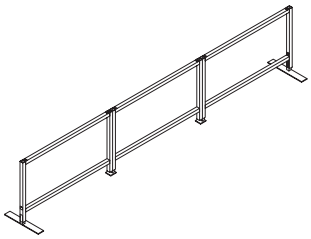
29" high frame shown

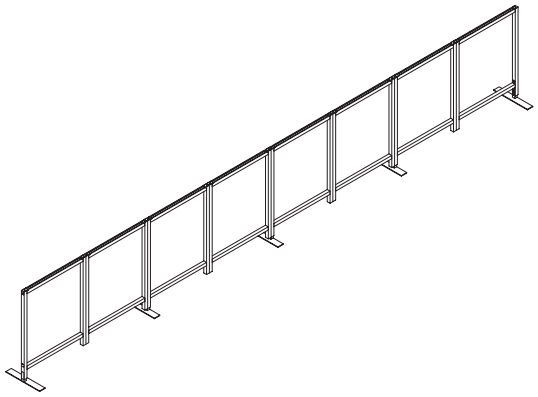


42" high frame shown

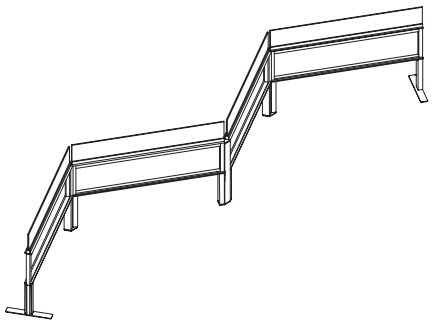
planning with power spine fascias (continued)

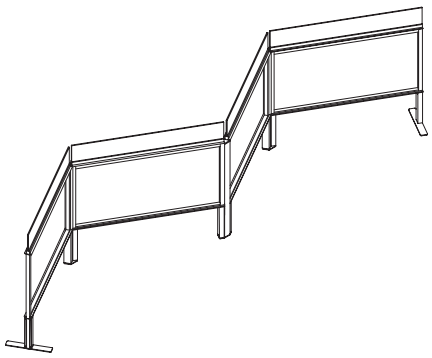
The Floor Flush Power Spine includes two large feet at the ends and levelers or medium feet, depending on the width span chosen.



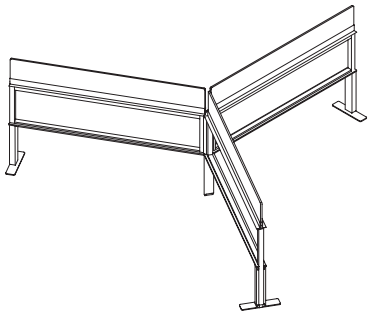


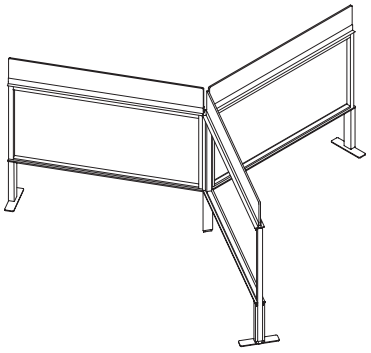
The Power Spine Zig Zag panel always has a center support.





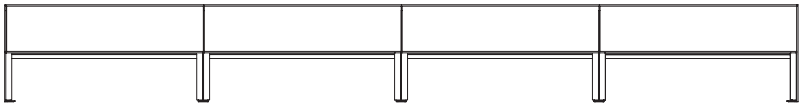
The Power Spine 120 Hub panel always has a center support.



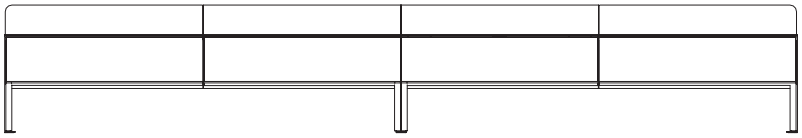


planning with power spine fascias (continued)

Additional rules also apply when planning with Linear and Floor Flush Power Spine.

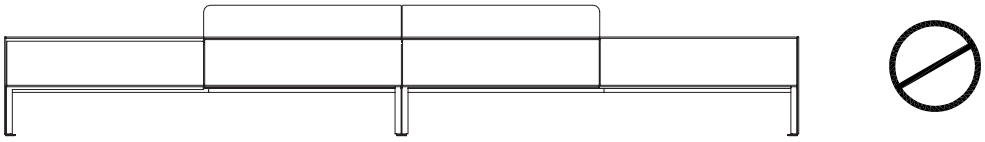


Any spine run length can be done as long as there is a support foot every 96".



Any 29" high Power Spine with no center support or offset support must be planned with a Smooth Felt Add On on top of the Power Spine.

Spine Frame at 29" high with 120", 180" or 240" wide without Felt or Add-on Screens cannot plan with any offset (F) or no support (N) options.



Spine runs with a span of 120" must be planned with a continuous PET Panel Wall Add-On Screens.

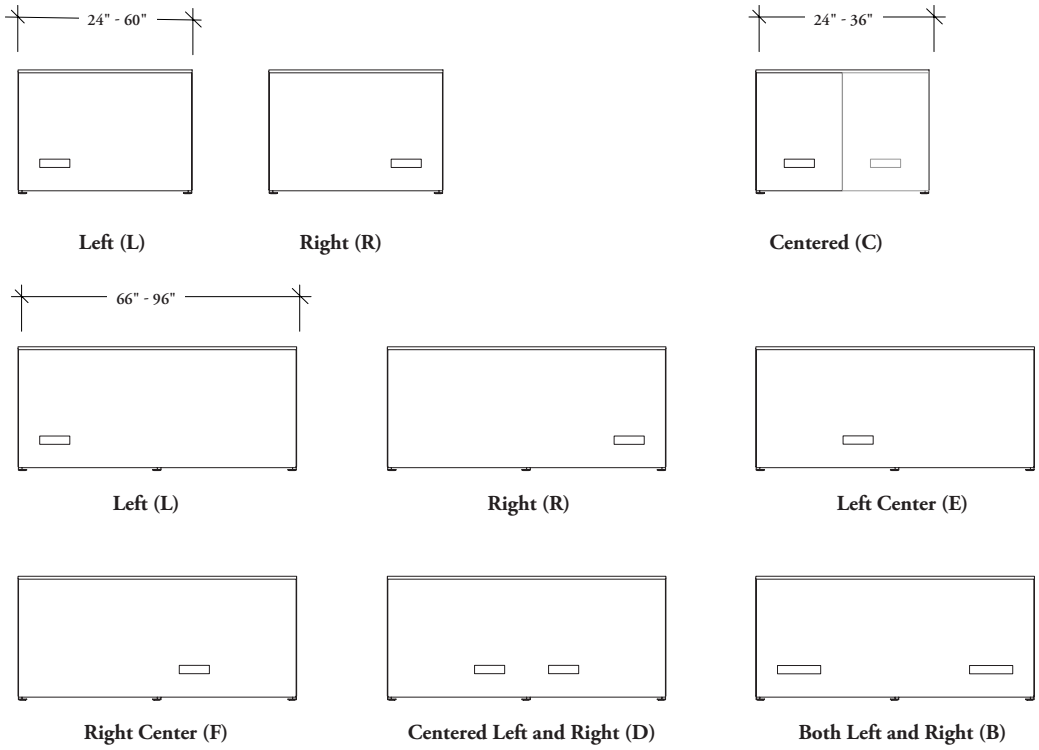
Cannot span only a partial width.

Any type of add-on screens should run the entire length of the spine.

planning with power spine fascia cut outs

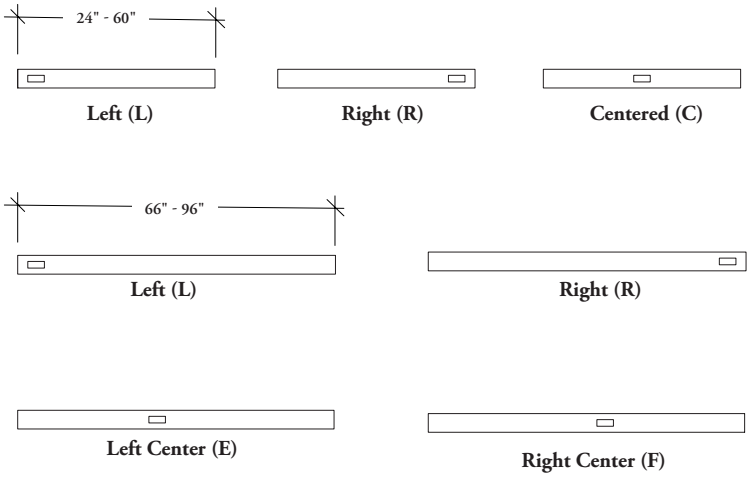
power/communications fascias

The examples below are shown with Tackable Fabric Power/Communication Fascias (Slot Mount) (UNELCF) shown at 41" height.



base feed fascias

The examples below are shown with Fabric Base Feed Fascia (Slot Mount) (UNELFB) shown at 41" height.



planning with power spine electrics

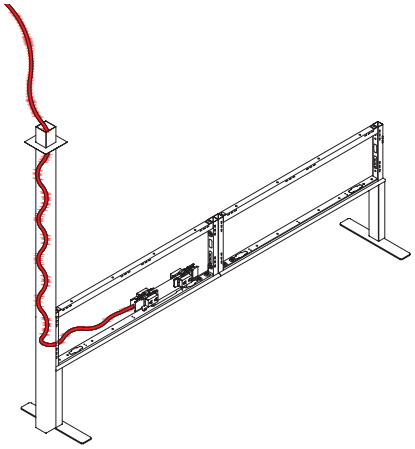
The following should be considered when planning with power spine electrics.

The Power Spine uses standard District electrics.

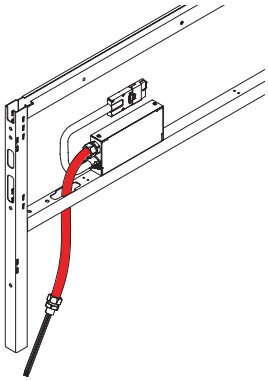
The frame includes the following:
- Specific pass through for data cables with a capacity of 12 CAT6A cables (100% fill rate)
- Standard pass-though for power harnesses
- A cut out on the bottom frame to allow a base feed or ceiling feed to be installed in the interior of the frame

The following demonstrates how power enters Floor Flush, Linear, Zig Zag or 120 Hub Power Spines.

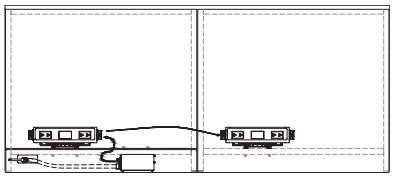
ceiling feed

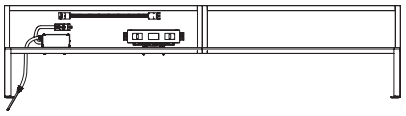


- The liquid cable extends through the cut out in the bottom of the frame, over the foot and into the power pole
- It then routes up to the ceiling

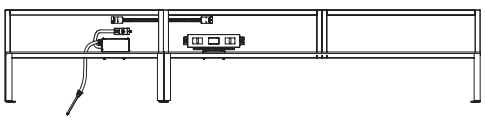


The base feed has a liquid tight cable that extends through the cut out in the bottom of the frame to the floor and remains exposed.

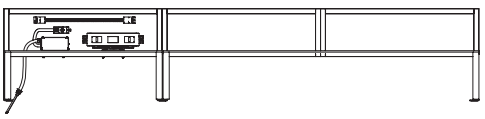




On frame modules 60" wide or wider, both can be placed in the same module.



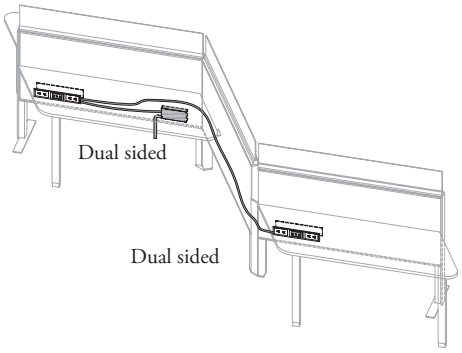
- On frame modules 48" wide the base feed and power module must be placed in separate frame modules



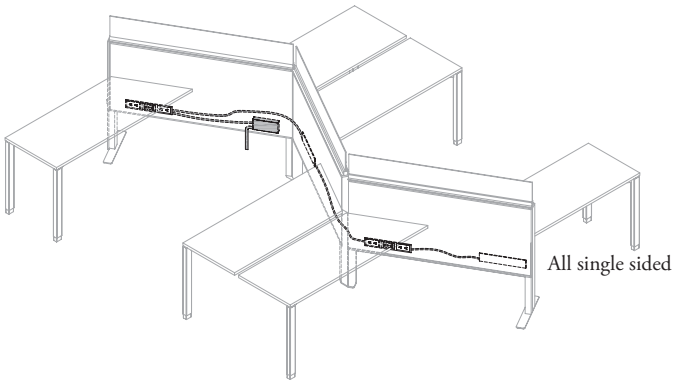
- 48" wide frame modules cannot accommodate both a base feed and power module, there isn't sufficient space for both

planning with power spine electrics (continued)

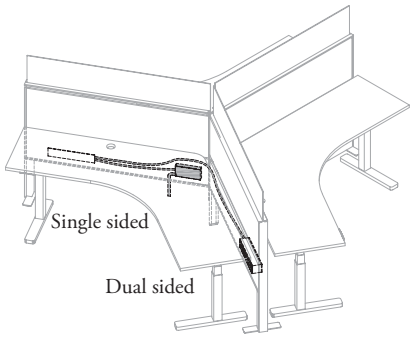
Zig Zag and 120 Hub configurations have specific electrical requirements.



- In Power Spine Zig Zag configurations with parallel worksurfaces, longer harnesses will be required to make up the distance between power boxes
- Routing multiple harnesses through the connections is not recommended



- In Power Spine Zig Zag configurations with dual perpendicular worksurfaces, power access will be limited to one power module for two users
- Parallel planning is best suited for the smaller 48" and 60" modules where Perpendicular planning is better for the larger modules to sufficient back to back space for the users



- When the Power Spine 120 Hub panel modules are 48" wide, the basefeed kit and power box cannot be in the same module
- The base feed will have to be installed on the exterior of the panel

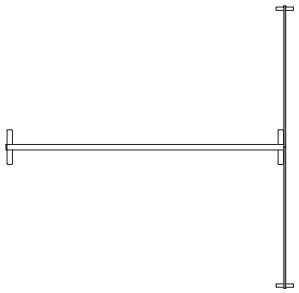
planning with power spine lateral floor screens

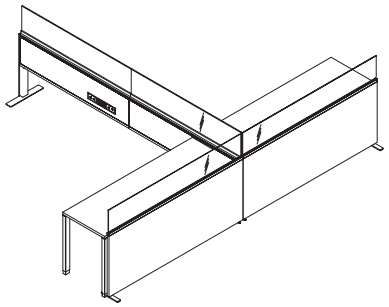
The following should be considered when planning with power spine lateral floor screens in linear applications.

Screens are available in the following configurations.

end mount double, handed

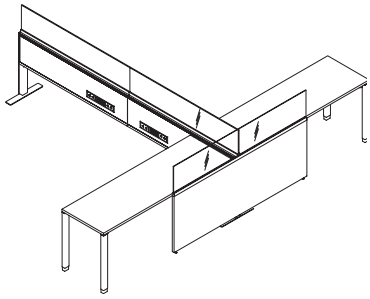
- Screens mount to the end of the spine panel run and extent to the mid point of the frame to provide a clean aesthetic on the outside of the workstations
- End Trim is not required on the panel frame in this application





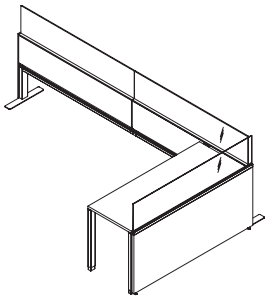
end mount shared, non-handed

- Screen mounts centered on the outside of the panel frame
- End Trim is not required on the panel frame in this application



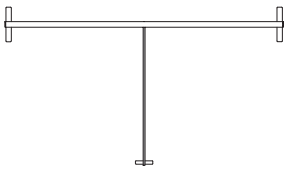
end mount single, handed

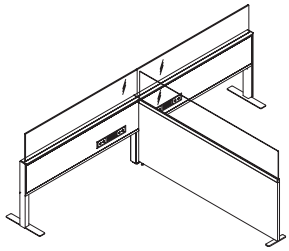
- Screen mounts outside of the panel frame and extends completely across the end of the frame to provide a clean aesthetic to the outside of the workstations in single sided applications



mid spine, handed

- Screen mounts mid run at a location with a support post



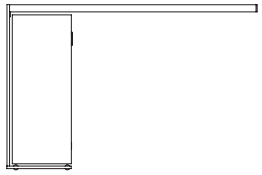


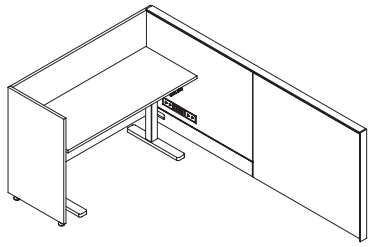
planning with power spine lateral floor screens with return

Handedness is determined by where the bracket is on the screen when the user is facing the workstation.

end mount single, with return

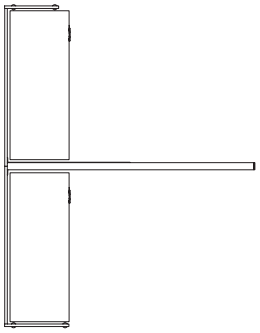
- End mount single (ES) Screen mounts outside of the panel frame and extends completely across the end of the frame to provide a clean aesthetic to the outside of the workstations with a return for added privacy

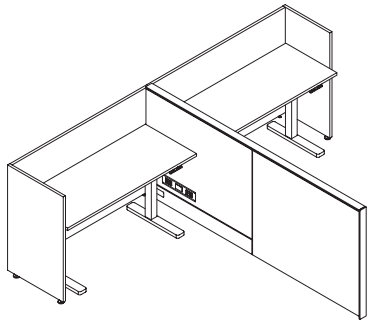




end mount double, with return

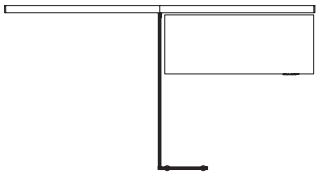
- End Mount Double (EB) Screens mount to the end of the spine panel run and extent to the mid point of the frame to provide a clean aesthetic on the outside of the workstations with returns for added privacy
- End Trim is not required on the panel frame in this application

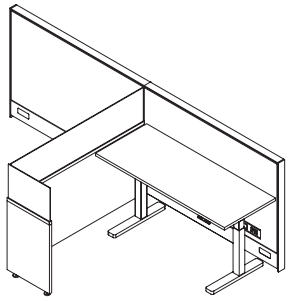




mid spine, with return

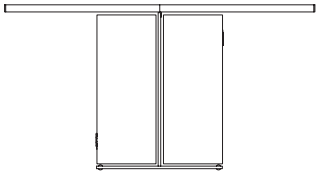
- Mid Spine (MS) Screen mounts mid run at a location with a return determined by handedness

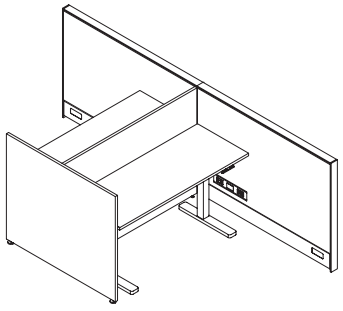




mid spine, shared return

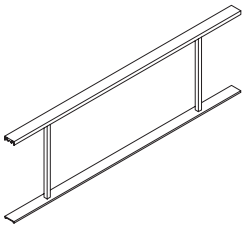
- Mid Spine (MS) Screen mounts mid run at a location with shared return for added privacy





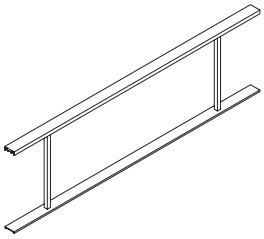
open frame basics

The Open Frame add on is compatible with a Linear or Floor Flush 29" high Power Spine panel or District panels at 29" high. This addition creates a 51" high or 57" datum, with adjustable privacy through the use of the sliding screens.



Open Frame 29" High Panel, Standard (UNAF)

- Datum Heights: 51" (22") or 57" (28")
- Widths: 48" - 96" (6" increments)
- Compatible with Standard Power Spine Panels at 29" high:
  - Linear (UNPZ)
  - Floor Flush (UNFF)
- Compatible with District Power Spine Panels at 29" high:
  - District Flush Panel Wall (UNPFR)
  - District Elevated Panel Wall (UNPER)
  - Convertible Panel Wall (UNPC)
- Not compatible with 96" Linear or Floor Flush Power Spine
- Four configurations:
  - Beginning (B)
  - Middle (M)
  - Finish (F)
  - Complete (C)

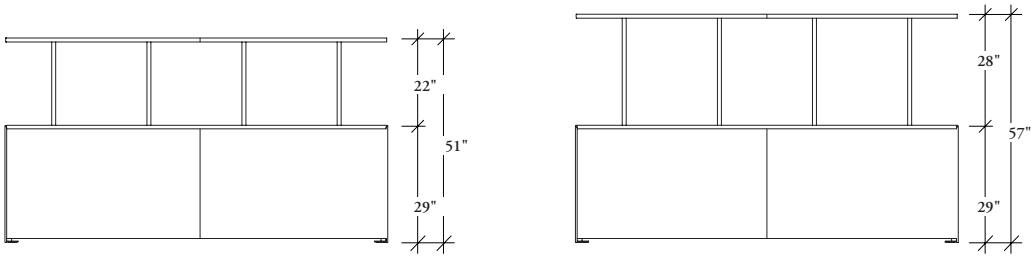


Open Frame 29" High Panel, Inset (UYAF)

- Datum Heights: 51" (22") or 57" (28")
- Widths: 48" - 96" (6" increments)
- Compatible with Power Spine Inset Panels at 29" high:
  - Linear (UYPZ)
  - Floor Flush (UYFF)
- Compatible with District Inset Panels at 29" high:
  - District Flush Panel Wall with Inset (UYPFR)
  - District Elevated Panel Wall with Inset (UYPER)
  - Convertible Panel Wall with Inset (UYPCR)
- Not compatible with 96" Linear or Floor Flush Power Spine
- Four configurations:
  - Beginning (B)
  - Middle (M)
  - Finish (F)
  - Complete (C)

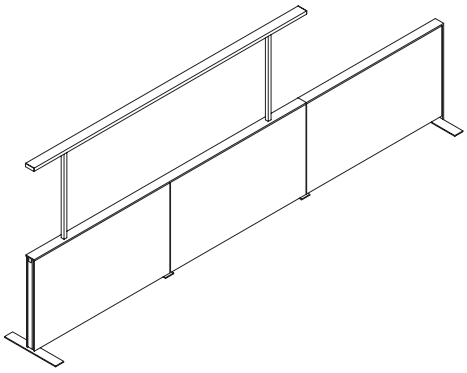
planning with open frames

The following should be considered when planning with Open Frame.

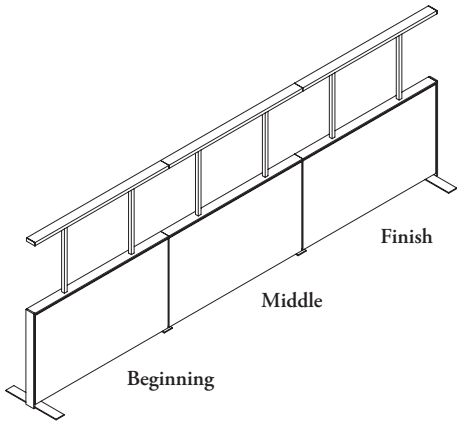


The Open Frame is available in two heights to have a 51" high datum or 57" high datum.

Open Frame can be specified as a complete frame or linked together to form longer runs.
To create a longer span a combination beginning, middle and finish can be specified.



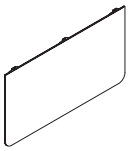
Complete open frame on a 192" width Floor Flush Power Spine.



Beginning, Middle, Finish in a 180" width Power Spine.

sliding screen basics

The Sliding Screens for Open Frame add flexible privacy feature to the Open Frame.



Sliding Fabric for Open Frame (UNXF)

- Height: 14", 20", 26"
- Width: 23" - 53" (3" increments)
- Not all panel and upholstery fabric are available. For more information, see the *Textiles Program Guide*

Sliding Smooth Felt Screen for Open Frame (UNZF)

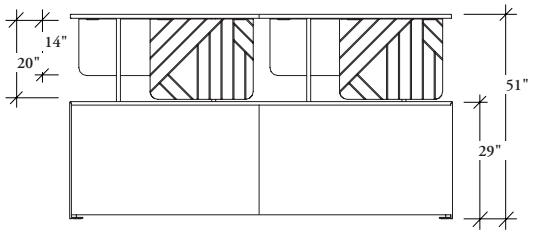
- Height: 14", 20", 26"
- Width: 23"- 53" (3" increments)
- Available in all Smooth Felt color options
- Optional Diagonal Pattern on one side

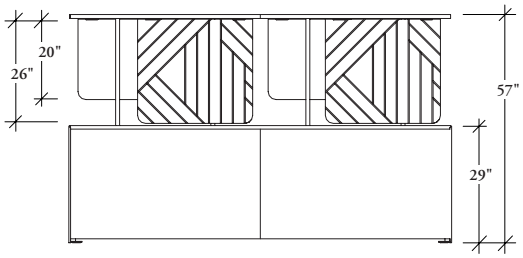
planning with sliding screens

The following should be considered when planning with Sliding Screens for Open Frame.

The Sliding Screens for Open Frame add in the flexible privacy feature to the Open Frame.

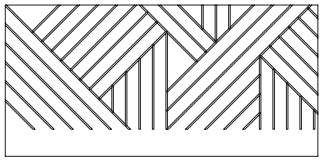
The Screens are available in Smooth Felt or Fabric materials.





- The recommended screen sizes for each panel width has an approximate 6" overlap (example: for a 72" wide panel, should have with two dividers at 41" wide)
- The pattern on the Smooth Felt sliding screen can be placed on either of the two sliding tracks of an Open Frame and can be adjusted on site

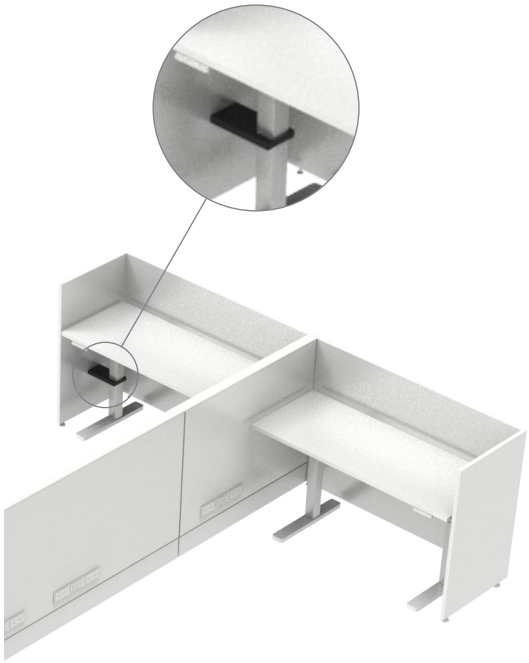
Sliding Screen is available with a diagonal pattern.

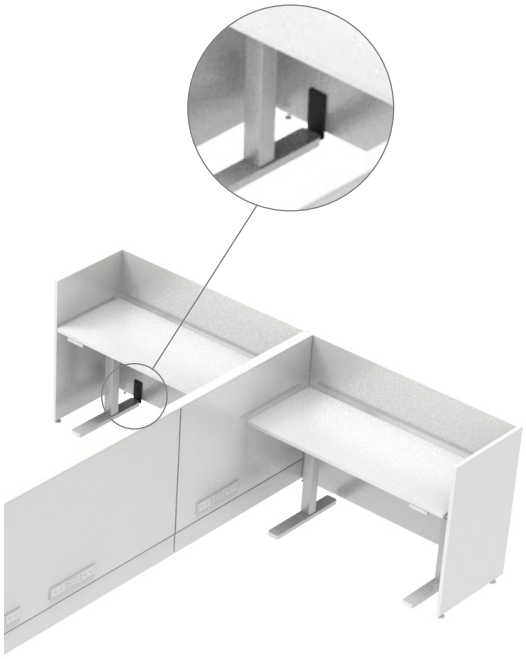


Diagonal

bracket & anchor for height-adjustable table basics

Height-Adjustable Tables tether to a lateral screen with the use of the Bracket or Anchor.





Anchor for Height-Adjustable Table (UZAS)

- An anchor to tether a hiSpace/Navigate Height-Adjustable Table to the return of a lateral screen
- Anchor Options:
  - hiSpace (H)
  - hiSpace Slide (S)
  - hiSpace (6" frame reduction) (F)
  - hiSpace Slide (6" frame reduction) (G)
  - Navigate (N)
- Installed on-site
- Not compatible with worksurfaces with desk-mounted screens

Bracket for Height-Adjustable Table (UZBS)

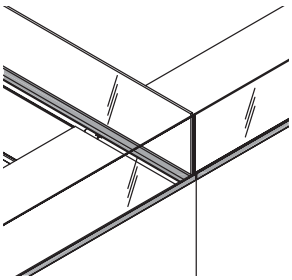
- A bracket to tether a hiSpace/Navigate Height-Adjustable Table to a lateral screen from the foot of the table
- Bracket Options:
  - hiSpace (H)
  - hiSpace Slide (S)
  - hiSpace Round Leg (R)
  - Navigate 23" Depth/ 29" Depth (N)
  - Navigate 35" Depth (P)
- Installed on-site
- Not compatible with worksurfaces with desk-mounted screens

planning with power spine lateral floor screens datum heights

- Lateral screens are available with two datum height options for the glass:
  - from 29"
  - from 42"
- Can be used on either Power Spine Panel or Power Spine Inset Panel with inset glass depending on the application

29" high panel walls

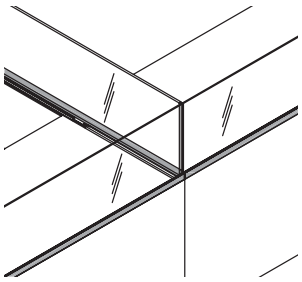
- Panel Wall Add-On Screen - Glass has a 2" high metal frame bringing the glass datum height to 31" high when mounted to a panel
- It is recommended that the 31" glass option be selected for the Lateral Screen so that the datum heights align



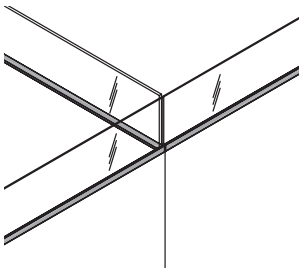
Recommended Lateral Screen: 31" high solid with 11" glass.

29" and 42" high power spine with panel glass blade for panels with inset glass

- Inset Panel Wall Add-On Screen - Glass has no metal frame so the datum height remains at 29" or 42" high when mounted to a panel
- It is recommended that the 29" glass option be selected for the Lateral Screen when used with the 29" high panel and 42" high glass option be selected when used with the 42" high option

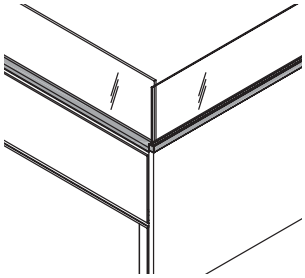


Recommended Lateral Screen: 29" high solid with 13" glass.

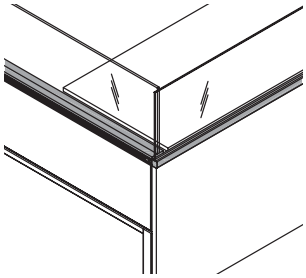


Recommended Lateral Screen: 42" high solid with 9" glass.

Two height options can be used in single sided applications with Add-On Screens on 29" high panels depending on the desired aesthetic.



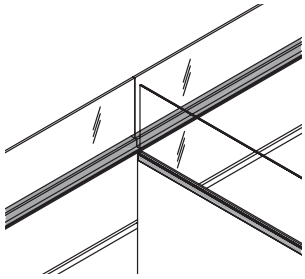
Lateral screen with 31" high solid and glass above:
- the solid part of the screen and the solid part of the glass add-on trim will align



Lateral screen with 29" high solid and glass above:
- the solid part of the screen and the top of the panel will align

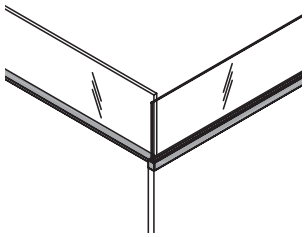
planning with power spine lateral floor screens datum heights (continued)

mid run applications



- In mid run applications it is recommended that the 29" high lateral screen with glass above be used
- This aligns the solid portion of the lateral screen or with the top of the panel frame eliminating unnecessary height changes an gaps

42" high panel walls

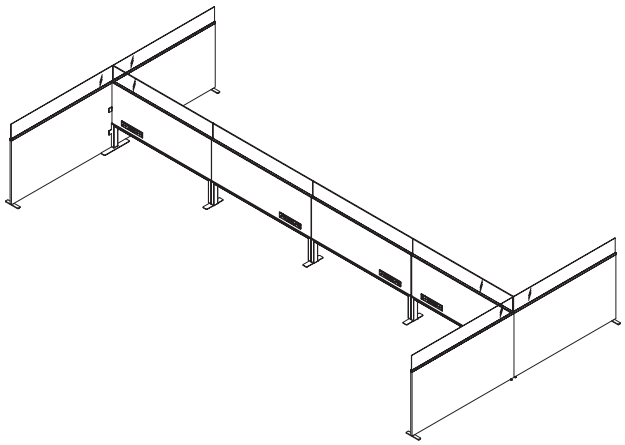


Only one option is available for adding glass to a 42" high panel

- Inset Glass Screen (the glass is inset, so no trim is visible, the datum height remains at 42")

Lateral Floor Screens provide support to panels when

- The maximum number of panel sections is four and the overall length does not exceed 192" (ex. 4 x 48" sections = 192")
- Reminder: panels over 60" wide consist of two panel sections, so 2 x 48" wide sections is the equivalent of 1 x 96" wide panel
- The maximum number of panels sections is three when 60" wide panels are used and the overall length does not exceed 180" (ex. 3 x 60" sections - 180")
- Panel heights do not exceed 51" high



understanding power spine worksurface

District Power Spine provides a variety of worksurfaces and worksurface support bundles for Floor Flush, Linear and 120 planning. The following outlines the features of District Power Spine worksurfaces and Worksurface Support bundles.

District Worksurfaces for Power Spine Panels are available in a variety of styles for both height-adjustable and fixed applications.

rectangular

Rectangular worksurfaces can be applied in Floor Flush, Linear and Zig Zag Perpendicular and Parallel planning.

dual angled and 120 angled

Angled worksurfaces can be applied in Zig Zag Perpendicular and 120 Hub planning.

parallelogram

Parallelogram worksurfaces can be applied in Zig Zag Perpendicular and 120 Hub planning.

120 hub

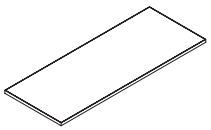
120 Hub Worksurfaces can be applied 120 Hub planning.

power spine worksurface & worksurface support basics

The Rectangular Worksurface and Support bundle is used in Floor Flush, Linear and Zig Zag applications.

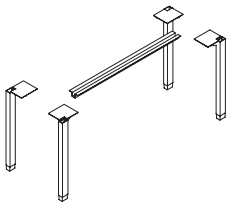
Finishes:

- Worksurface Finishes:
  - Foundation Laminate
  - Flintwood
  - Natural Veneer
- Grommet Finishes
  - Storm White
  - Espresso
  - Platinum
  - Very White
- Support Finishes:
  - Foundation Colors
  - Mica Colors
  - Accent Colors



Power Spine Rectangle Worksurface (UZWE)

- Depths: 24", 30"
- Widths: 48", 54", 60", 66" 72"
- Edge:
  - (8) Flat
  - (H) Full Knife
- Optional grommets
- Applications:
  - (A) Freestanding - four legs
  - (B) Perpendicular (panel mounted) - two legs



Power Spine Rectangular Worksurface Support Bundle (UZWC)

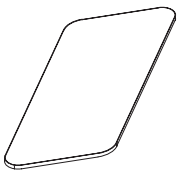
- Used with the Power Spine Rectangle Worksurface.
- Depths: 24", 30"
- Widths: 48", 54", 60", 66", 72"
- Leg Type:
  - (L) Standard Leg
- Includes legs, mounting brackets and reinforcement channels depending on application
- Applications:
  - (A) Freestanding - four legs
  - B) Perpendicular - two legs, two brackets

power spine worksurface and worksurface support basics (continued)

The Parallelogram Worksurface and Support Bundle for Zig Zag and 120 Hub planning for semi-supported applications.

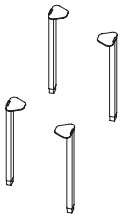
Finishes:

- Worksurface Finishes:
  - Foundation Laminate
  - Flintwood
  - Natural Veneer
- Grommet Finishes
  - Storm White
  - Espresso
  - Platinum
  - Very White
- Support Finishes:
  - Foundation Colors
  - Mica Colors
  - Accent Colors



Power Spine Parallelogram Worksurface (UZWP)

- Depths: 24", 30"
- Widths: 48", 54", 60", 66", 72"
- Edge:
  - (8) Flat
  - (H) Full Knife
- Optional grommets
- Handedness:
  - (LH) Left Hand
  - (RH) Right Hand
- Applications:
  - (A) Freestanding - four legs
  - (C) Perpendicular - two legs
  - (D) Parallel - one legs



Power Spine Parallelogram Worksurface Support Bundle (UZWK)

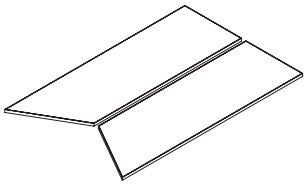
- Used with the Power Spine Rectangle Worksurface.
- Depths: 24", 30"
- Widths: 48", 54", 60", 66", 72"
- Handedness:
  - (LH) Left
  - (RH) Right
- Leg Type:
  - (C) Standard Leg for Curved Radius
- Applications:
  - (A) Freestanding - four legs
  - (C) Parallel - two legs, two brackets
  - (D) Perpendicular - one legs, three brackets

power spine worksurface and worksurface support basics (continued)

The Dual 120 Angled Worksurface and Support Bundle for 120 Zig Zag Perpendicular planning for semi-supported applications.

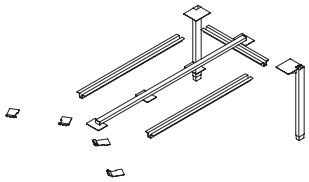
Finishes:

- Worksurface Finishes:
  - Foundation Laminate
  - Flintwood
  - Natural Veneer
- Grommet Finishes
  - Storm White
  - Espresso
  - Platinum
  - Very White
- Support Finishes:
  - Foundation Colors
  - Mica Colors
  - Accent Colors



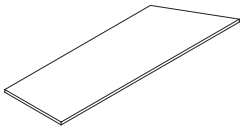
Power Spine Dual 120 Angled Worksurface (UZWD)

- Depths: 48", 60"
- Widths: 48", 54", 60", 66", 72"
- Edge:
  - (8) Flat
- Optional grommets
- Applications:
  - Perpendicular - two legs
- Includes two angled worksurfaces



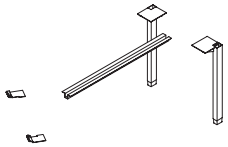
Power Spine Dual Angled Worksurface Support Bundle (UZDK)

- Used with the Power Spine Rectangle Worksurface
- Depths: 48", 60"
- Widths: 48", 54", 60", 66", 72"
- Leg Type:
  - (L) Standard Leg
- Applications:
  - (B) Perpendicular - two legs, two brackets



Power Spine Angled Worksurface (UZWA)

- Depths: 24", 30"
- Widths: 48", 54", 60", 66", 72"
- Edge:
  - (8) Flat
  - (H) Full Knife
- Optional grommets
- Handedness:
  - (LH) Left Hand
  - (RH) Right Hand
- Applications:
  - (B) Perpendicular - two legs
  - (D) Parallel - one leg



Power Spine Angled Worksurface Support Bundle (UZWB)

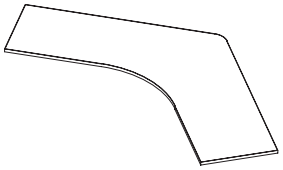
- Used with the Power Spine Rectangle Worksurface.
- Depths: 24", 30"
- Widths: 48", 54", 60", 66", 72"
- Handedness:
  - (LH) Left
  - (RH) Right
- Leg Type:
  - (L) Standard Leg
- Applications:
  - (B) Perpendicular - two legs, two brackets
  - D)Parallel - one leg, three brackets
- Leg Type:
  - (L) Standard Leg
- Applications:
  - (B) Perpendicular - two legs, two brackets
  - (D) Parallel - one leg, three brackets

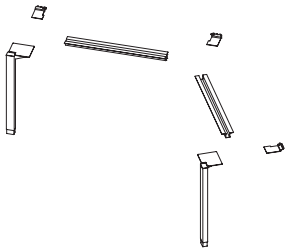
power spine worksurface and worksurface support basics (continued)

120 Hub Corner Worksurface to be supported by two legs and three brackets.

Finishes:

- Worksurface Finishes:
  - Foundation Laminate
  - Flintwood
  - Natural Veneer
- Grommet Finishes
  - Storm White
  - Espresso
  - Platinum
  - Very White
- Support Finishes:
  - Foundation Colors
  - Mica Colors
  - Accent Colors





Power Spine 120 Hub Worksurface (UZWT)

- Depths: 24", 30"
- Widths: 48", 60"
- Edge:
  - (8) Flat
  - (H) Full Knife
- Optional grommets
- Applications:
  - (E) Semi-Supported - two legs

Power Spine 120 Hub Worksurface Support Bundle (UZWW)

- Used with the Power Spine Rectangle Worksurface.
- Depths: 24", 30"
- Widths: 48", 60"
- Leg Type:
  - (L) Standard Leg
- Applications:
  - (E) Semi Supported - two legs

planning with power spine worksurface

The following should be considered when planning with Power Spine Worksurfaces.

The support configuration for fixed worksurfaces varies depending on the worksurface style and mounting condition.

freestanding planning

4x legs on all corners.

perpendicular applications

- Two legs on one end of the worksurface
- Two brackets on the opposite end (attached to powerspine)

parallel applications

- Two legs on the front side of the worksurface
- Two brackets on the panel side (attached to powerspine)

parallel and 120 hub applications

- One leg on the corner of the worksurface
- Three brackets on the panel side (attached to powerspine)

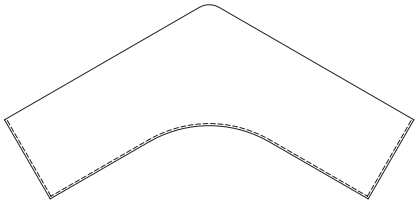
Knife Edges on worksurfaces will vary depending on the worksurface type and application.

rectangular, angled and parallelogram

Four knife edges

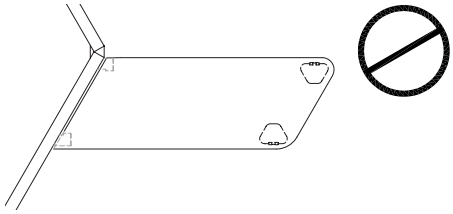
Three knife edges

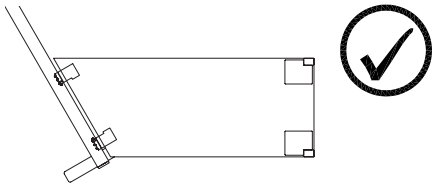
120 hub



Three knife edges

Parallelogram worksurfaces **cannot** be used for perpendicular planning, Angled Worksurfaces should be used.





Parallelogram worksurfaces have radiused corners, the amount is determined by the application.

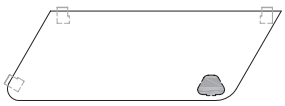
four legs (freestanding)

All corners are radiused.

two legs and two brackets

Two corners are radiused.

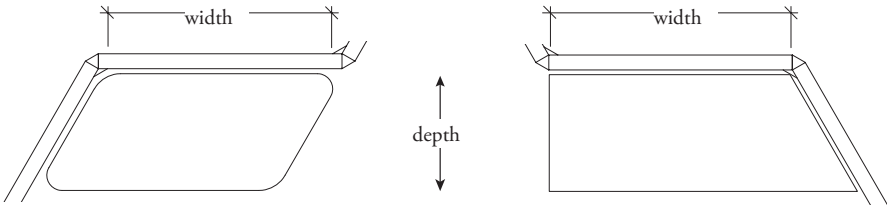
one leg and three brackets



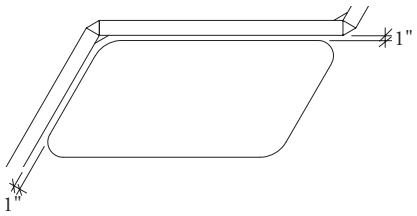
Two corners are radiused.

planning with power spine worksurface (continued)

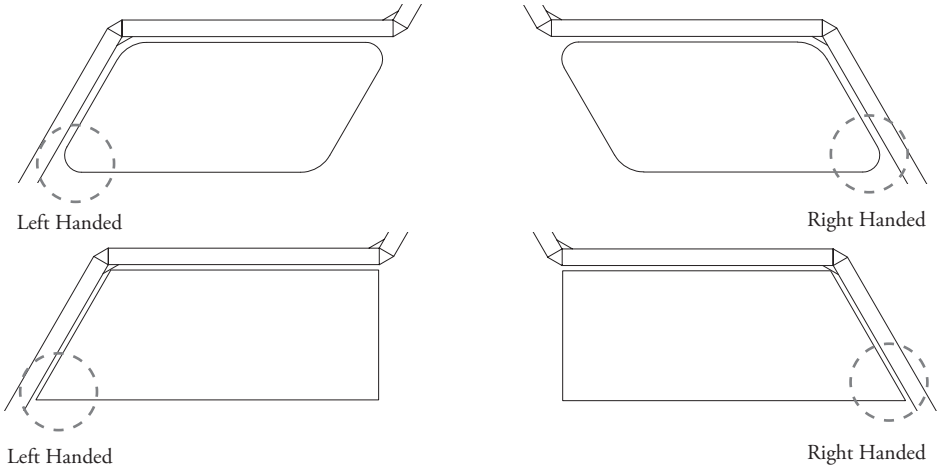
The depth and width of Angled and Parallelogram worksurfaces is determine by the following:
- The nominal depth is the distance from the user edge to the face of the panel
- The nominal width matches the width of the panel that the worksurface sits in front of



All Angled, Parallelogram and 120 Hub Semi-Suspended Worksurfaces follow the District worksurface protocol and have a 1" gap on all panel facing sides.



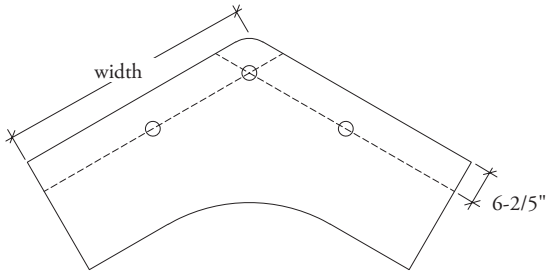
Angled and Parallelogram worksurfaces are handed.
- The handedness is determined by the location of the acute angled corner from the users perspective



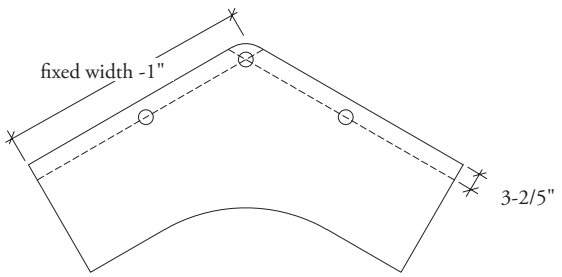
The 120 Hub Worksurface has slight differences depending on whether it's use fixed or height adjustable.

- The width on height-adjustable surfaces is 1" less on each side
- The grommet locations are different:
  - The fixed worksurface grommets are inset 6-2/5" on center
  - The height-adjustable worksurface grommets are inset 3-2/5"

fixed

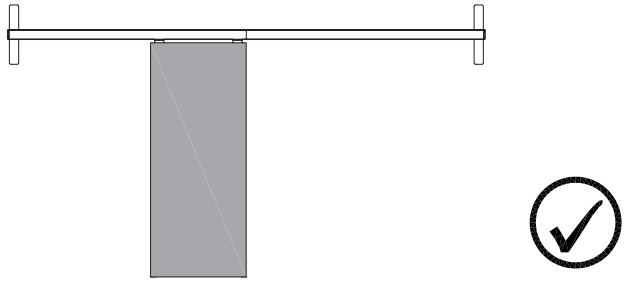


height-adjustable

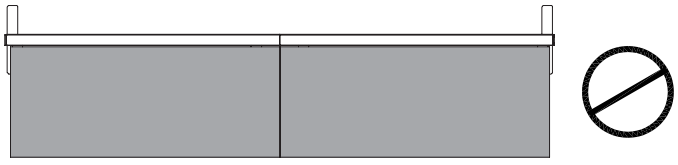


planning with power spine rectangle worksurface

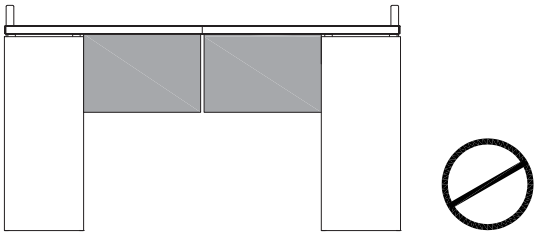
The following should be considered when planning with rectangular worksurfaces and support kits in linear applications.



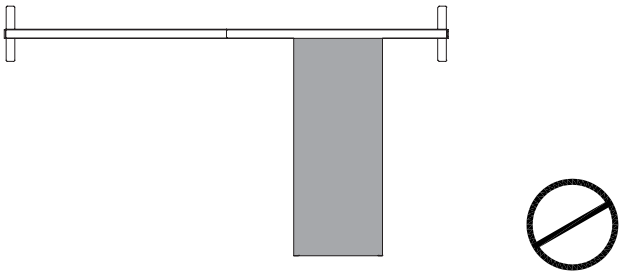
Worksurfaces mount perpendicular to the Power Spine Panel.



Worksurfaces **cannot** be mounted parallel to the panels.



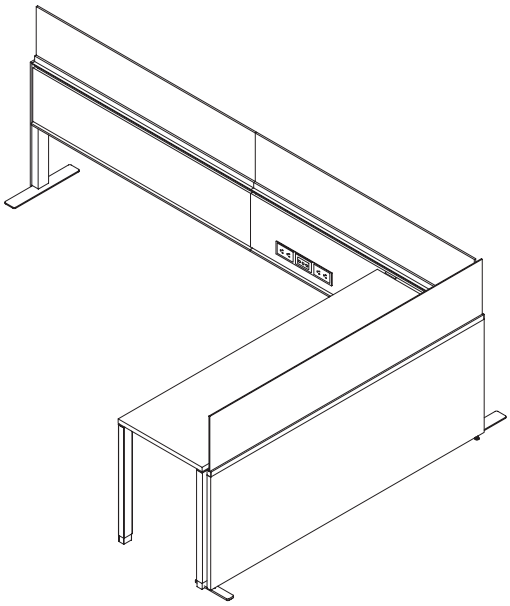
Worksurfaces **cannot** be used as a return worksurface.



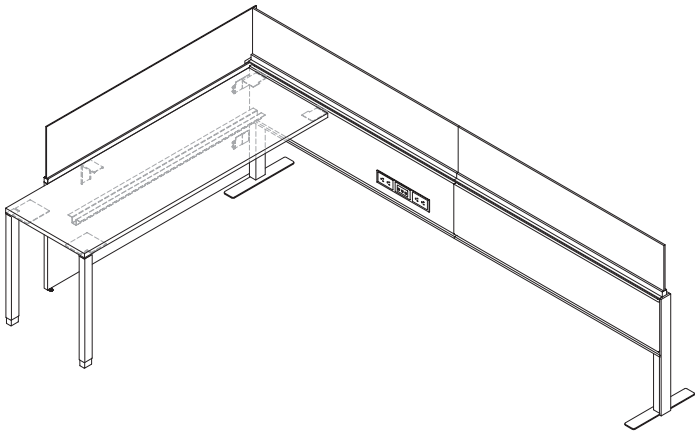
Off module planning
• For 48" and 60" frame modules, worksurfaces **cannot** be planned off module.

planning with power spine rectangle worksurface (continued)

When planning with lateral screens and semi-suspended worksurfaces the screens can be planned in two ways:



- Attached to the panel and not the worksurface
  - a foot is required on screens 48" wide or wider
- Semi-suspended worksurfaces **cannot** be used with 42" high panels
- Semi-suspended worksurfaces **cannot** be used with inset panels



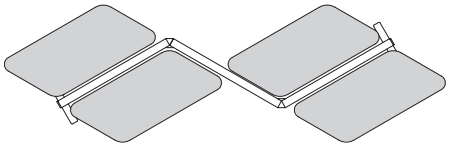
- The worksurface mounted screen has fixed bracket locations, the width of the screen must be equal to or smaller than the width of the worksurface
- Not designed to support the worksurface

planning with power spine zig zag panel & worksurfaces

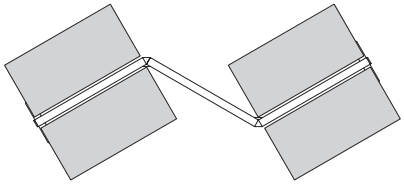
The following should be considered when planning with Zig Zag worksurfaces and support kits in linear applications.

Zig Zag Power Spine panels can accept a variety of worksurface types.

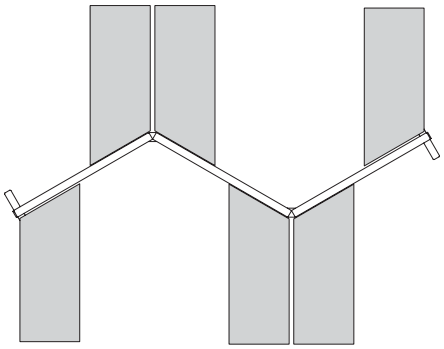
single parallelogram worksurfaces



single rectangular worksurfaces

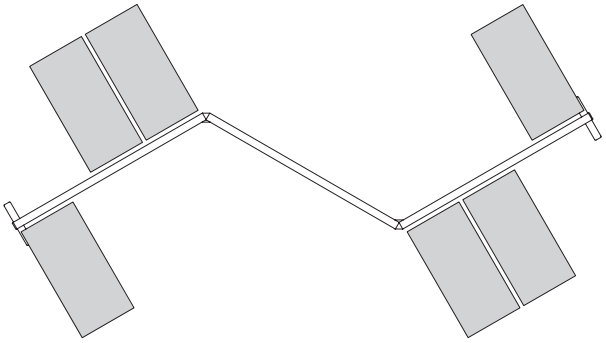


single and dual angled worksurfaces



The recommended worksurface size is 72".

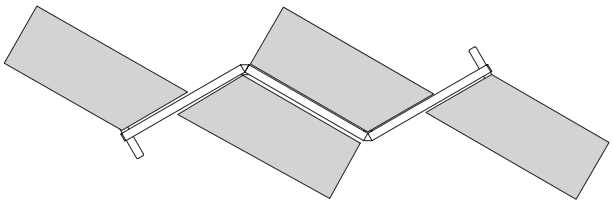
single and dual rectangular worksurfaces

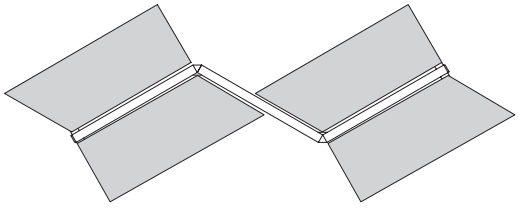


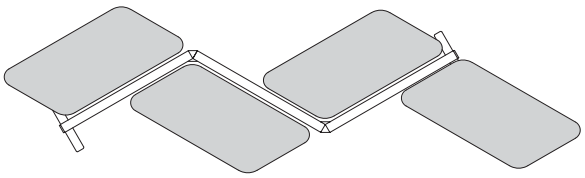
The recommended worksurface size is 72".

Recommended worksurface sizes for Perpendicular Planning Power Spine Zig Zag Panels is 72" wide.

The following recommendations are not recommended.







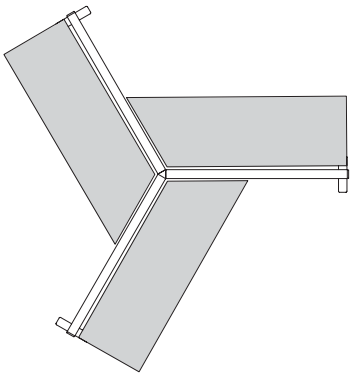
Not optimal use of space, only if freestanding desks required.

planning with power spine 120 hub & worksurfaces

The following should be considered when planning with 120 Hub Worksurfaces and support kits in linear applications.

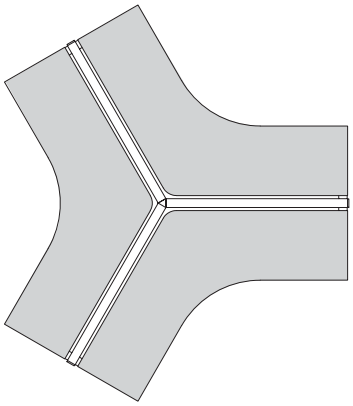
120 Hub Power Spine panels can accept a variety of worksurface types.

angled worksurfaces



Planning with Angled Worksurface Semi-Suspended only.

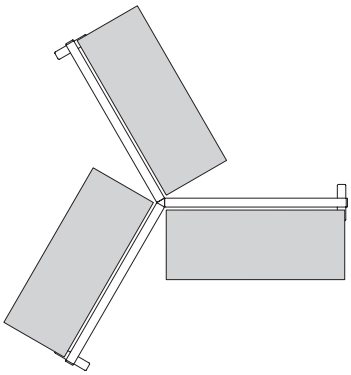
120 hub worksurfaces



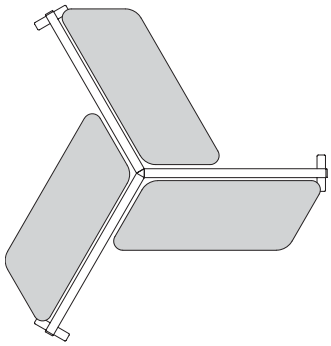
Planning with Classic Hub Worksurface Height-Adjustable, Semi-Suspended.

Acceptable Planning (with some drawbacks).

rectangular worksurfaces



Rectangular - Semi Suspended or Freestanding limits legs space.



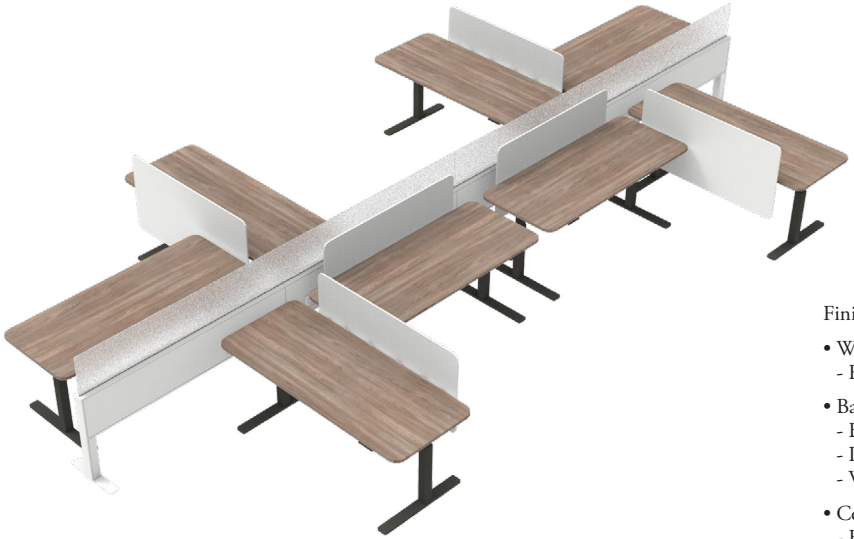
Rectangular Height-Adjustable, or Freestanding create gaps between Worksurface and Powerspine.

power spine hispace quick connect table basics

Quick Connect Tables can be easily integrated into Power Spine configurations.

The Power Spine Quick Connect Table has all of the same features as the Quick Connect Tables that are available in Complements: *Teknion's Ergonomics & Accessories Program.*

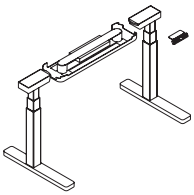
rectangular



- Bases and tops are ordered separately and must be the same size
- Depths: 23", 29"
- Widths: 52" 58" 64", 70"
- Orientations:
  - Spine Front and Centered for parallel (C) (only available for 52" wide)
  - Spine Left for Perpendicular (L)
  - Spine Right for Perpendicular (R)
- Base Mechanisms:
  - Extended electric (22.6" - 48.7")
- All configurations allow for desk edge screens
- Same Kit of Parts can adjust to fit all planning applications for:
  - Perpendicular, Frame Inset Left
  - Perpendicular, Frame Inset Right
  - Parallel, Frame Centered

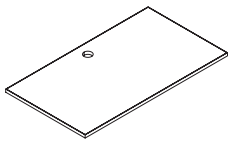
Finishes:

- Worksurface Finishes:
  - Foundation Laminate
- Base Finish:
  - Ebony
  - Platinum
  - Very White
- Connection Kit Finish:
  - Ebony
  - Platinum
  - Very White



hiSpace Quick Connect Height-Adjustable Freestanding Table Mechanism for District Power Spine (YSZ)

- Switch:
  - Display with Up/Down Memory
  - Toggle Display with Memory
- Power PAK: Cable Organizer with Felt Cover
- Wire Management:
  - None
  - Vertical Wire Carrier



Rectangular Height-Adjustable Worksurface with Connection Kit for hiSpace Quick Connect with District Power Spine (WBZ)

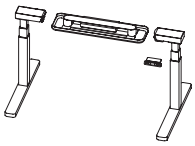
- Grommet Style:
  - None
  - Round (2.75" Diameter)
  - Rectangular (Diamond Shaped Cutout)
- Cut Out Location: None, Center
- Edge Trim:
  - Flat Trim
  - Straight Trim
  - Bullnose Trim

power spine hispace quick connect table basics (continued)

parallelogram

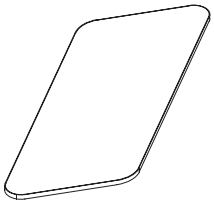
Finishes:

- Worksurface Finishes:
  - Foundation Laminate
- Base Finish:
  - Ebony
  - Platinum
  - Very White



hiSpace Quick Connect Parallelogram Height-Adjustable Freestanding Table Mechanism for District Power Spine (YSB)

- Base Mechanism:
  - (9E) Extended Electric (22.6" - 48.7")
- Depth:
  - 23", 29"
- Width:
  - 60", 72"
- Handedness:
  - Left hand
  - Right hand
- Switch:
  - Display with Up /Down Memory
  - Toggle Display with Memory
- Power PAK:
  - None
  - Cable Organizer with Felt Cover
- Wire Management:
  - None
  - Vertical Wire Carrier



Parallelogram Height-Adjustable Worksurface with Connection Kit for hiSpace Quick Connect with District Power Spine (UZWP)

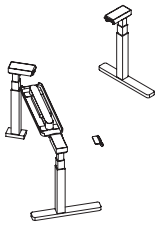
- Base Mechanism:
  - (9E) Extended Electric (22.6" - 48.7")
- Depth:
  - 23", 29"
- Width:
  - 60", 72"
- Handedness:
  - (LH) Left hand
  - (RH) Right Hand
- Grommet Style:
  - None
  - Round (.75" Diameter)
- Cut Out Location:
  - None
- Corner Condition:
  - (A) Four Radius Corners
- Edge Trim:
  - Flat Trim
  - Straight Trim
  - Bullnose Trim
  - Full Knife Trim

power spine hispace quick connect table basics (continued)

120 hub

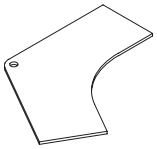
Finishes:

- Worksurface Finishes:
  - Foundation Laminate
- Base Finish:
  - Ebony
  - Platinum
  - Very White



hiSpace Quick Connect 120 Hub Height-Adjustable Freestanding Table Mechanism for District Power Spine (YST)

- Base Mechanism:
  - (9E) Extended Electric (22.6" - 48.7")
- Depth:
  - 23", 29"
- Width:
  - 46", 58"
- Switch:
  - Display with Up/Down Memory
  - Toggle Display with Memory
- Power PAK:
  - Cable Organizer with Felt Cover
- Wire Management:
  - None
  - Vertical Wire Carrier
- Under surface Cable Management:
  - None
  - Dual Plastic Tray

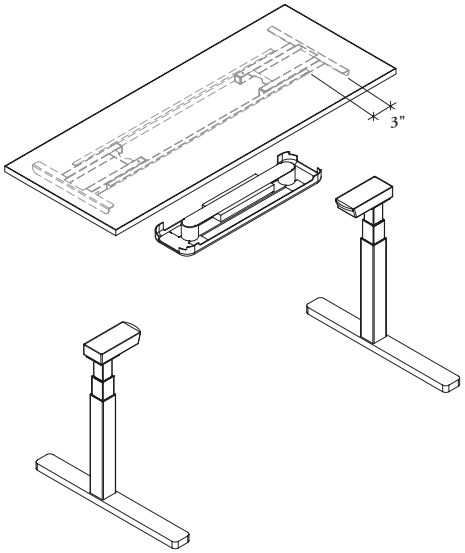


120 Hub Height-Adjustable Worksurface with Connection Kit for hiSpace Quick Connect with District Power Spine (WBT)

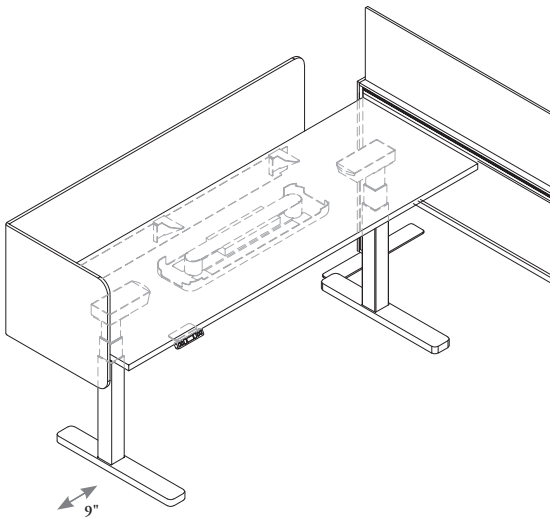
- Base Mechanism:
  - (9E) Extended Electric (22.6" - 48.7")
- Depth:
  - 23", 29"
- Width:
  - 46", 58"
- Grommet Style:
  - None
  - Round (.75" Diameter)
- Cut Out Location:
  - None
  - Center
  - Left
  - Right
  - Left and Right
  - Center and Left
  - Center Right
  - Center, Left and Right
- Edge Trim:
  - Flat Trim
  - Straight Trim
  - Bullnose Trim
  - Full Knife Trim

planning with power spine hispace quick connect table

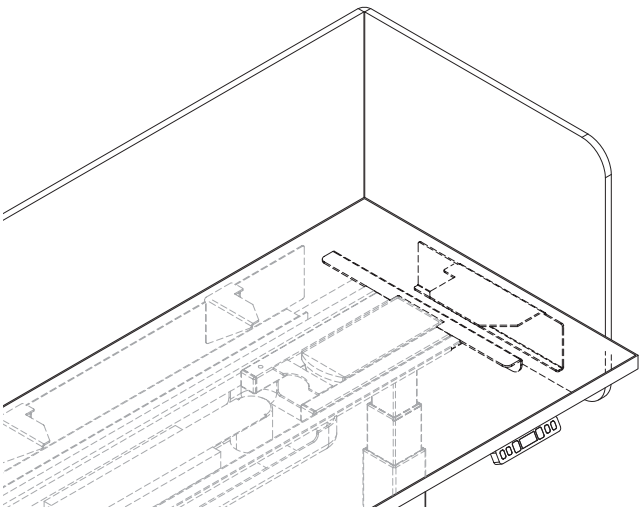
The following should be considered when planning with Power Spine hiSpace Quick Connect Height-Adjustable Freestanding Table.



- The leg of the hiSpace Quick Connect base can be repositioned to allow for reconfiguration
- It can be adjusted up to 3", to allow approximately 7" overhang on the worksurface



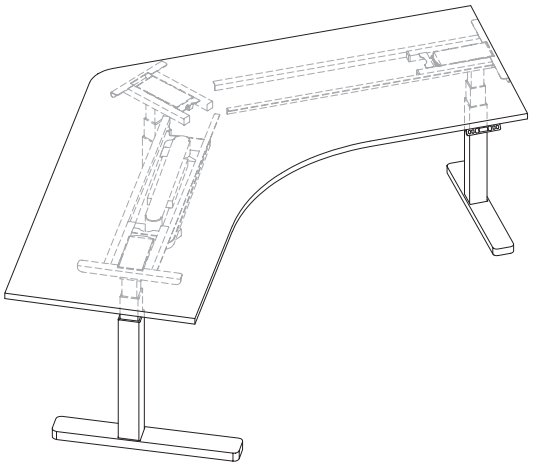
Adjusting the leg position will also create a 9" leg clearance to avoid interference with the power spine panel leg.



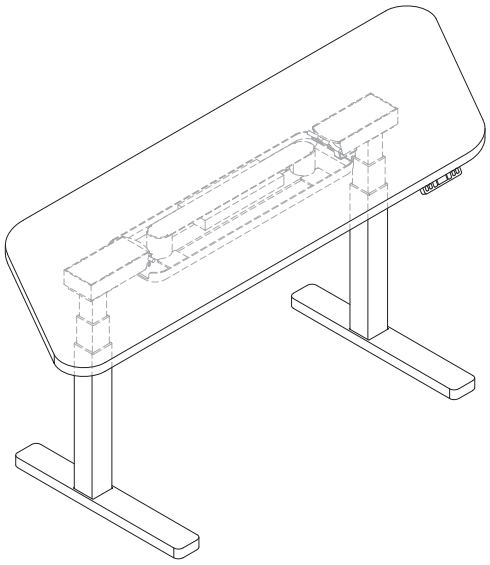
Regardless of the leg position, edge mounted screens will always fit.

planning with power spine hispace quick connect table (continued)

The following should be considered when planning with Power Spine three legged and Parallelogram hiSpace Quick Connect Height-Adjustable Freestanding Tables.



Under surface Cable Manager not available on 46" width.



Under surface Cable Manager (YSB) not available on 60" width.