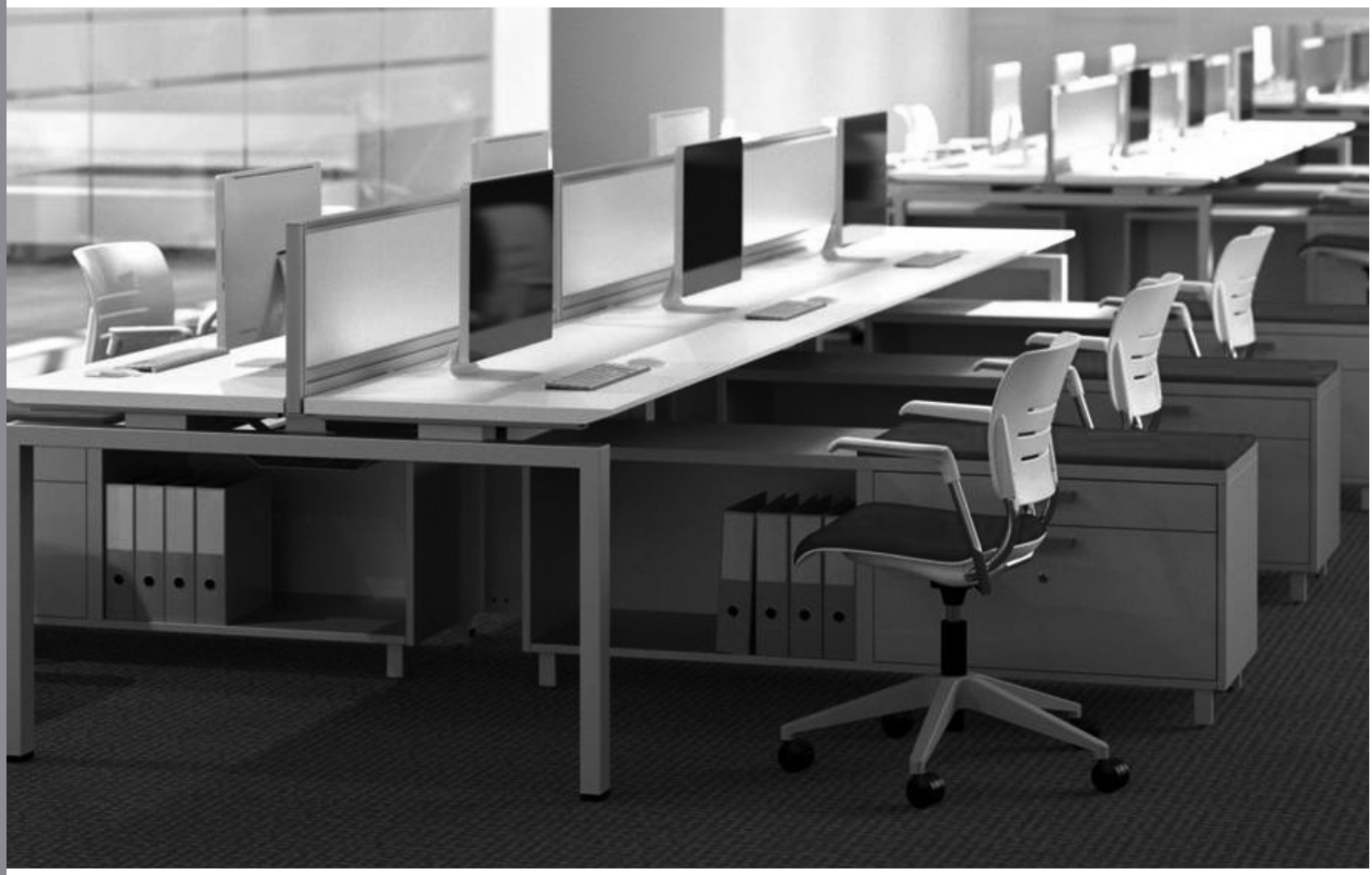
Planning Guide ■

Connection Zone® Collection

Benching, Desks & Tables

June 2024



Furnishing Knowledge®

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A. 48” Dual-Sided Starter Frame B. 24” Dual-Sided Adder Frame C. 24” Knife Edge Worksurface D. Power/Data

Connection is human. People, objects and ideas meet, each connection creating a personal social experience. Connection Zone Collection celebrates the social experience, guiding the spatial shift from ME to WE. Control the progression from me space to we space with unique elements designed to connect people and ideas.

E. 24” Single-Sided Starter Frame
F. 24” Single-Sided Adder Frame
G. Steel Modesty Panel
H. 24” Knife Edge Worksurface
I. Power/Data

29" HEIGHT WORKSURFACES (Steel Leg Frames)

Product Overview

Connection Zone Benching offers a variety of worksurface shapes designed to provide flexible workstation planning. All worksurfaces are available in a wide range of sizes.

Important: Only worksurface configurations shown within this planning guide are allowed with standard product. To have other configurations considered, contact KI Customer Service.

74P and Knife edge options are available and worksurface cutout locations may be specified. All worksurfaces feature either 24" or 30" depths. Standard widths are offered in 6 inch increments, unless otherwise noted.

74P and Knife Edge: These options are available with some restrictions. Knife edge is typically restricted to the edge facing the occupant. Knife edge is not available for peninsulas or return worksurfaces, and also can not be used on rectilinear worksurfaces that are spliced with Returns.

Worksurface Cutout Locations:
- N = No Cutout
- L = Left
- C = Center
- R = Right
- LR = Left & Right
- LCR = Left, Center, & Right

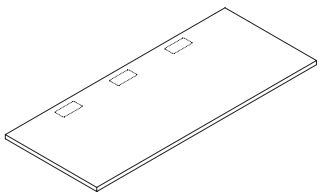
Worksurface Cutout Styles:
- CSA = Nacre Cutout
- CSD = Dean Cutout
- NCS = No Cutout

Note: One or more cutout locations are offered on most worksurfaces. Corresponding power modules and grommets are available and ordered separately.

Planning Guidelines

Rectilinear Worksurface: Designed to be located in-line with the beam, supported by and span the complete distance from one standard frame support to the next.

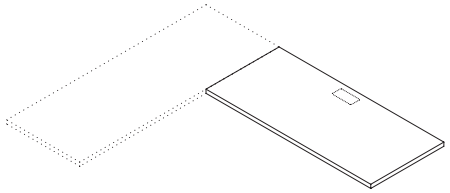
- Separate model number groups are set up for use on single-sided frames (one top) or dual-sided frames (two tops, back-to-back).
- Electrical components and modesty panels are ordered separately.
- Modesty panels on single-sided units conceal electrical and beam when benching system is not located against a wall.



Standard Rectangle - Single or Dual
- 24" or 30" depth
- 36"-96" width (64" also available)

Return Worksurfaces: Designed to be mounted with included splice plates perpendicular to rectilinear worksurfaces or adjoining worksurfaces supported by fixed beam/frame supports.

- Specify a perpendicular support frame for the end not attached to beam supported worksurface.
- Modesty panels ordered separately.

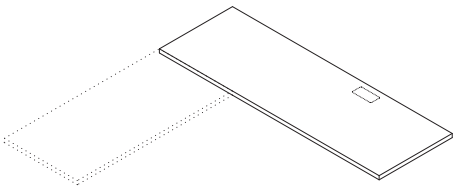


Return
- 24" or 30" depth
- 24"-54" width

29" HEIGHT WORKSURFACES (cont.) (Steel Leg Frames)

Peninsula Worksurfaces: Designed to have one end rest on a fixed beam/frame and be used with adjoining rectangle tops to span the complete distance from one frame support to the next.

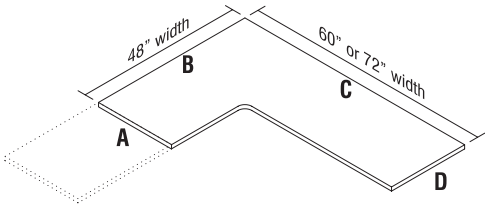
- The orientation or "hand" of the surface is specified with the choice of the worksurface cutout location in the model number.
- Specify a perpendicular support frame for the end not resting on the beam. Peninsula worksurfaces require KI space planning.
- Electrical components and modesty panels are ordered separately.



Peninsula
- 24" or 30" depth
- 60"-72" width

Extended Corner Worksurfaces: Designed to have their 48" edge in-line and resting on the fixed beam/frame.

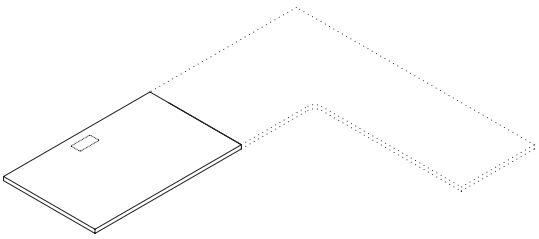
- An adjoining top is specified to complete the distance from one frame to the next. The orientation or "hand" of the surface is specified by identifying the length of each edge from left to right (sides A, B, C, D) and those dimensions are configured in the model number.
- A perpendicular support frame is required for the narrow end not resting on the beam. Extended corner worksurfaces require KI space planning.
- Electrical components and modesty panels are ordered separately.



Extended Corner
- 24" or 30" depth
- 60" or 72" width (along long dimension)

Adjoining Rectangle Worksurfaces: Designed to share the overall distance between fixed Frame supports with extended corners or peninsula worksurfaces while resting on the beam/frame.

- KI space planning is required for layouts using adjoining rectangular worksurfaces as a single unit. Modesty panels conceal electrical and beam when benching system is not located against a wall.
- Electrical components and modesty panels are ordered separately.

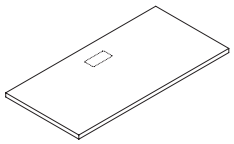


Adjoining Rectangle
- 24" or 30" depth
- 24"-72" width (64" also available)

29" HEIGHT WORKSURFACES (cont.) (Steel Leg Frames)

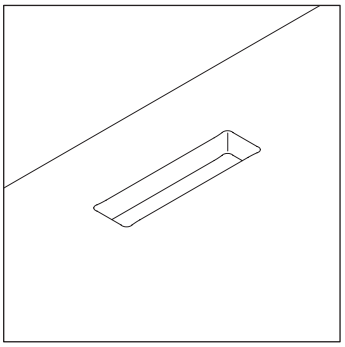
Conference End Worksurfaces: Designed to be cantilevered off the end of a dual-sided fixed or sliding frame units with conference end attachment brackets.

- The frame end(s) must be ordered specifically to accommodate these worksurfaces with their included support brackets. **Note:** Conference end worksurfaces require post legs.

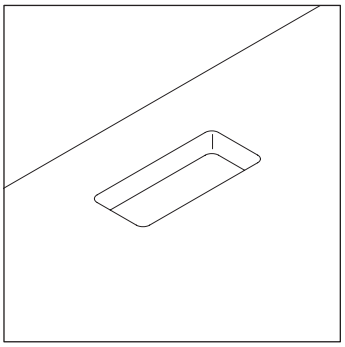


Conference Ends
- 24" or 30" depth
- 48", 50", 60" or 62" width

Worksurface Cutouts



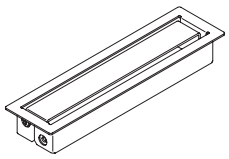
Dean Worksurface Cutout



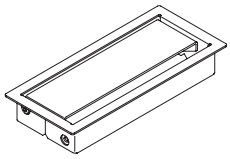
Nacre Worksurface Cutout

Worksurface Grommets

Metal grommets are available to fit Dean and Nacre tabletop cutouts.



Dean® Grommet (1.94" x 8.03" cutout)



Nacre® Grommet (3" x 6.94" cutout)

29" HEIGHT FRAMES (Steel Leg Frames)

Product Overview

Single & Dual-Sided Support Frames: Designed to provide structural support for the worksurfaces. Support frames are available for single-sided (24" & 30" depths) or dual-sided (48" & 60" depths) applications, and in starter, or adder configurations. Models are specified to match worksurface width through one of three adjustable beam ranges (36"-48", 48"-72" and 72"-96").

Single-Sided Intermediate Legs: Frame profile matches that of end frames.

Dual-Sided Intermediate Legs: Designed to be inset and only 18½" wide. These legs can only be used with 48" & 60" end frames.

Perpendicular Support Frames: Frames that provide structural support for worksurfaces that are placed perpendicular to the main frame support beams. Frames are available in single worksurface depths of 24" or 30" and dual (back-to-back) depths of 48" or 60". Conference end perpendicular support frames are also available.

Post Leg Support: Post legs are required as structural support for conference end worksurfaces. Two post legs are required on the outside front corners in addition to conference support frames.

Note: All support frames provide sufficient wheelchair clearance per current ADA guidelines as shown in Figure 1.

ADA Compliance (Steel & Wood Leg Frames)

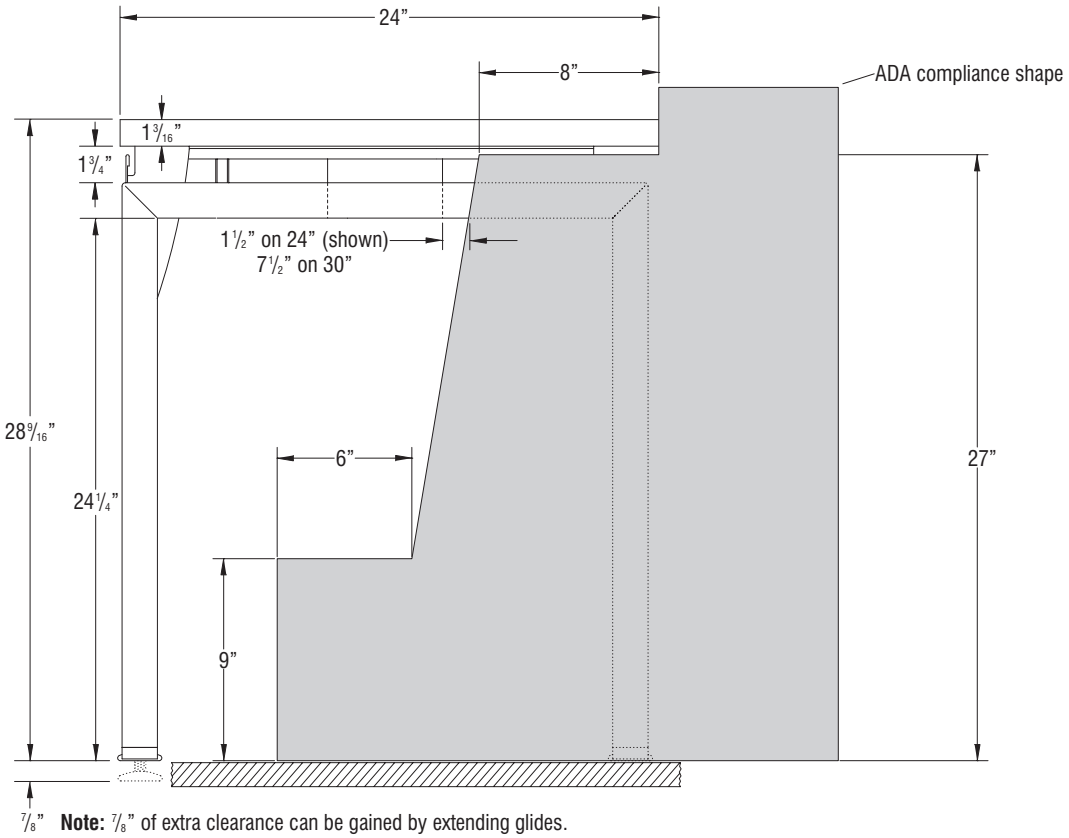


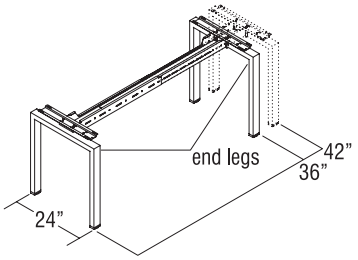
Figure 1 - Single-Sided Connection Zone Bench with 24" Deep Worksurface

ADA Compliance Shape: Minimum requirement for knee and toe clearance per 2010 ADA, section 306.

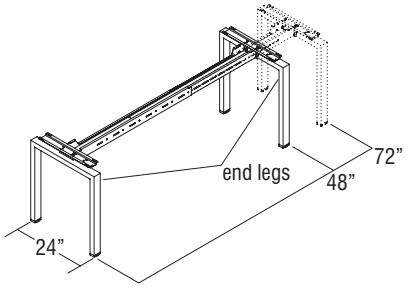
29" Height Single-Sided Starter Frames (Steel Leg Frames)

Planning Guidelines

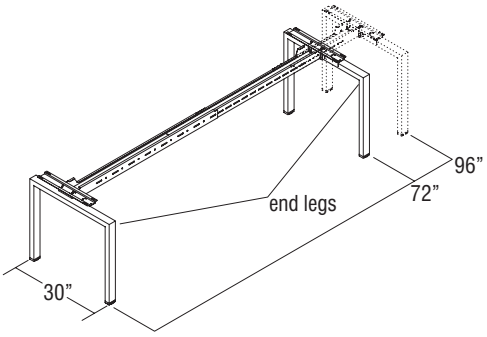
- Single-sided frames support fixed worksurfaces only.
- Single-sided starter frames support worksurface width ranges of 36"-42", 48"-72", or 72"-96".
- Typical space planning is to match the worksurface depth to the frame depth (i.e. 24" tops under 24" D frames).
    - 30" single starter frames can be specified with 24" single adder frames under 30" tops to add leg clearance. This layout is similar to transition legs on other systems.
    - 24" depth end frames are **non-handed** as the beam is located on center. 30" depth end frames are **handed**, as the beam is off center toward the back.
- Glide adjustment range of $^{7}/_{8}$".
- In most cases the primary frame support should be placed under the longest worksurface(s).
- User access to primary electrical may overrule this in certain layouts.
- **Single-Sided Starter:** Model contains a set of standard leg end frames along with the necessary worksurface support brackets and beam to support a worksurface(s) that match the requested beam range. These units can be used as standalone frames or in conjunction with adder models to build a row of workstations (Figures 1, 2 & 3).



36"-42" Single-Sided Starter Frame (24" Leg Shown)
Figure 1



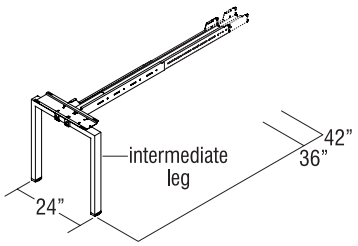
48"-72" Single-Sided Starter Frame (24" Leg Shown)
Figure 2



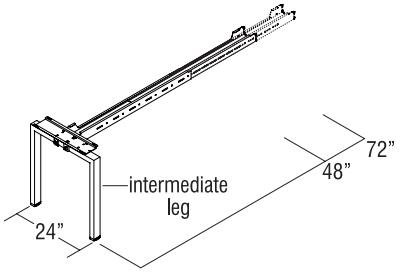
72"-96" Single-Sided Starter Frame (30" Leg Shown)
Figure 3

29" Height Single-Sided Adder Frames (Steel Leg Frames)

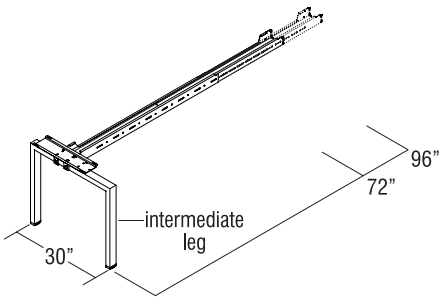
- **Single-Sided Adder:** Model contains a single intermediate leg frame support along with intermediate worksurface bracket and beam to be used with the starter model number to configure a row support (Figures 4, 5 & 6). A typical row would contain one starter model and any number of adder models (Figure 7). Adder frames may be placed on either side of a starter frame.



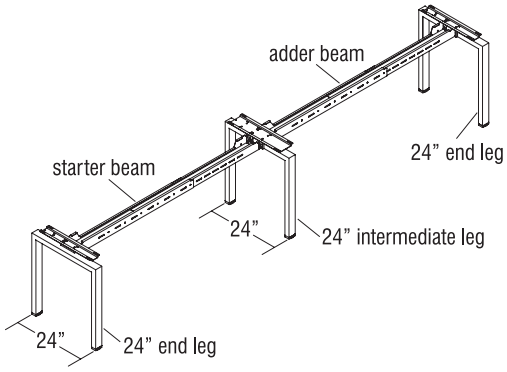
36"-42" Single-Sided Adder Frame (24" Leg Shown)
Figure 4



48"-72" Single-Sided Adder Frame (24" Leg Shown)
Figure 5



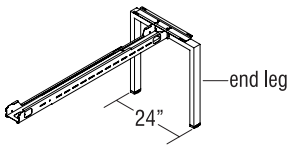
72"-96" Single-Sided Adder Frame (30" Leg Shown)
Figure 6



Typical Single-Sided Frame Row (24" Legs Shown)
Figure 7

29" Height Single-Sided Adder End Frame (Steel Leg Frames)

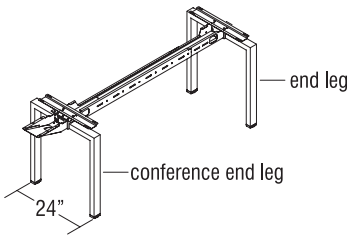
- **Single-Sided Adder End:** Model is a specialty application frame. Generally used to support a large single rectangle worksurface off the end of a dual-sided conference End Frame (Figure 8 & page 15, Figure 9).



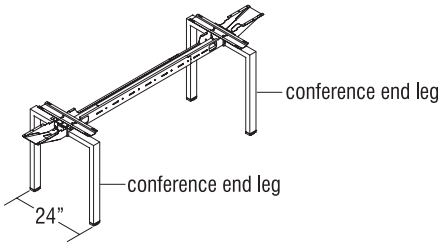
Single-Sided Adder End Frame (24" Leg Shown)
Figure 8

29" Height Single-Sided Starter with Conference End Frame (Steel Leg Frames)

- **Single-Sided Starter with Conference End(s):** Model contains one or two intermediate frame supports along with worksurface brackets and cantilever support bracket(s) (Figures 9 & 10). These frames are generally used to continue single model units around the perimeter of a room (Figures 10 & 11, page 15).



24" Leg Single-Sided Fixed Frame with One Fixed Conference End
Figure 9

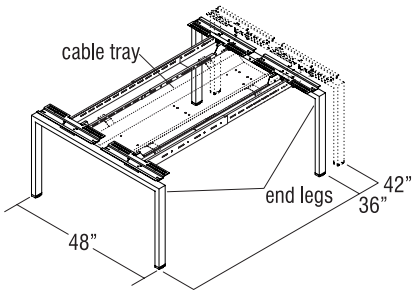


24" Leg Single-Sided Fixed Frame with Two Fixed Conference Ends
Figure 10

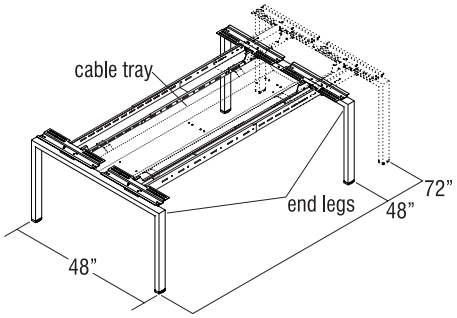
29" Height Dual-Sided Starter Frames (Steel Leg Frames)

Planning Guidelines

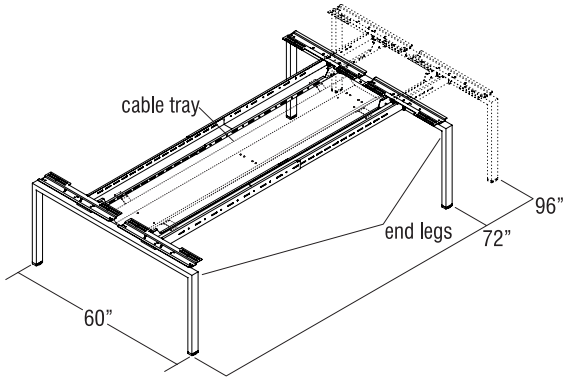
- Dual-sided frames support fixed and sliding worksurfaces of either 24" or 30" depth. Frames 48" are specified under back-to-back 24" deep fixed or sliding worksurfaces. Dual-sided frames 60" are specified under back-to-back 30" deep fixed or sliding worksurfaces.
- Dual-sided starter frames support worksurfaces width ranges of 36"-42", 48"-72", or 72"-96".
- Glide adjustment range of $^{7}/_{8}$".
- Electrical components (ordered separately) are supported within the frame and must match the finished frame length (Figure 3, Page 23).
- Cable trays shown are included with dual worksurface models.
- **Dual-Sided Starter:** Model contains a set of standard end leg frames along with worksurface support brackets and beam to support worksurfaces that fit the requested beam range (Figures 1, 2 & 3). These units can be used as standalone frames or in conjunction with Dual-sided adder models to build a row of workstations.



36”-42” Dual-Sided Starter Frame (48” Leg Shown)
Figure 1



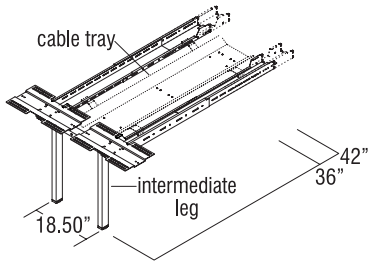
48”-72” Dual-Sided Starter Frame (48” Leg Shown)
Figure 2



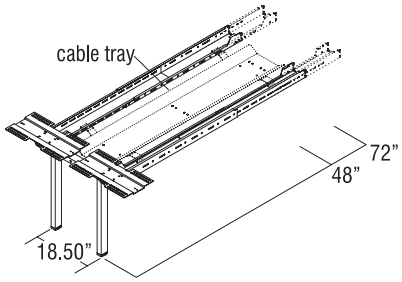
72-96” Dual-Sided Starter Frame (60” Leg Shown)
Figure 3

29" Height Dual-Sided Adder Frames (Steel Leg Frames)

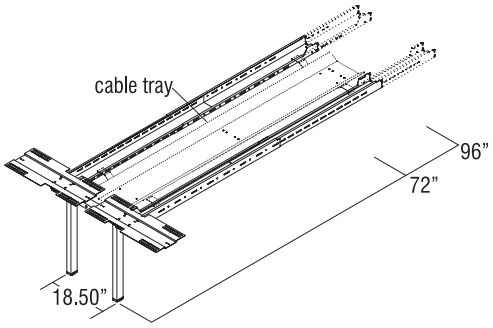
- **Dual-Sided Adder:** Model contains a dual intermediate frame leg support along with intermediate worksurface brackets (sliding or fixed) and beams to be used with the starter model number to configure a row support (Figures 4, 5 & 6). A typical row would contain one dual-sided starter model and any number of dual adder models (Figure 7). Dual-sided adder frames may be placed on either side of a starter frame.



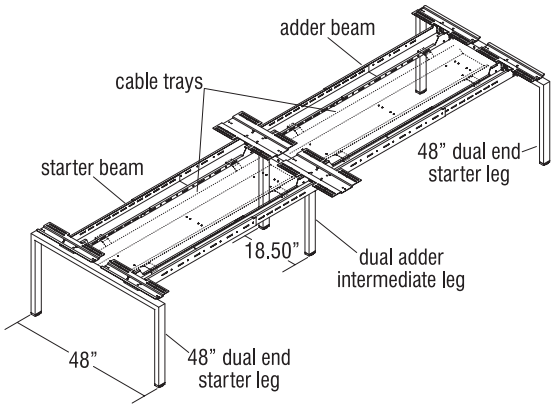
36"-42" Dual-Sided Adder Frame
Figure 4



48"-72" Dual-Sided Adder Frame
Figure 5



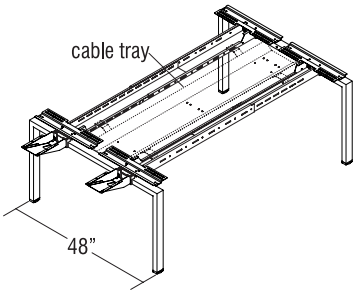
72"-96" Dual-Sided Adder Frame
Figure 6



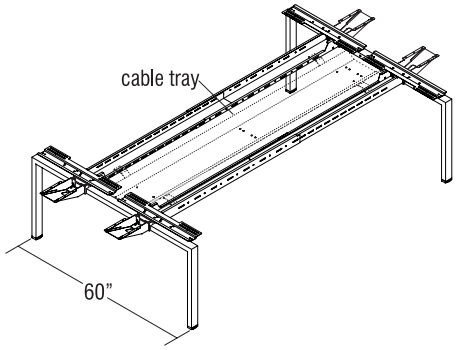
Typical 48" Dual-Sided Row
Figure 7

29" Height Dual-Sided Starter with Conference End Frames (Steel Leg Frames)

- **Dual-Sided Starter with Conference End(s):** Model contains one or two conference end frame supports along with worksurface brackets and cantilever support brackets (Figures 8 & 9). These frames along with two post legs (ordered separately) are used to provide support for a conference end worksurface (Page 15, Figure 8), or can be used to transition to a single-sided row (Page 15, Figure 9).



48" Leg Dual-Sided Sliding Frame with One Fixed Conference End
Figure 8

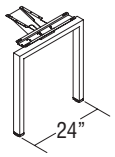


60" Leg Dual-Sided Sliding Frame with Two Fixed Conference Ends
Figure 9

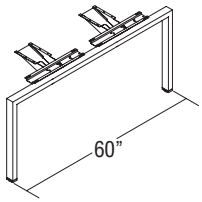
29" Height Perpendicular Support Frames (Steel Leg Frames)

Product Guidelines

- Perpendicular support frames are available single- and dual-sided. Single-sided perpendicular support frames are available in depths of 24" or 30" (Figure 1). Dual-sided perpendicular support frames (back-to-back) and dual-sided conference ends are available in depths of 48" and 60" (Figure 2 & 3)
- Perpendicular support frames are required to support worksurfaces that are positioned perpendicular to the main frame support. Leg size should match worksurface depth (Figures 1, 2 & 3).
- Typical space-planning is to match leg and worksurface depths.
    - 24" wide supports can be specified under 24" or 30" deep tops.
    - 30" wide supports must only be used to support 30" deep tops.



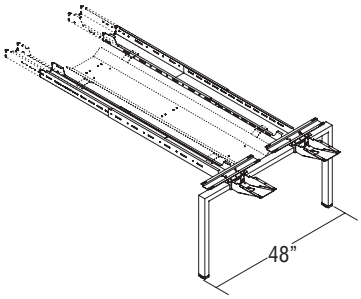
24" & 30" Single-Sided Perpendicular Support Frame (24" Shown)
Figure 1



48" & 60" Dual-Sided Perpendicular Support Frame (60" Shown)
Figure 2

29" Height Post Leg and Conference End Support (Steel Leg Frames)

- Post leg supports are required to support conference end worksurfaces (two per worksurface) (Figures 4 & 8).



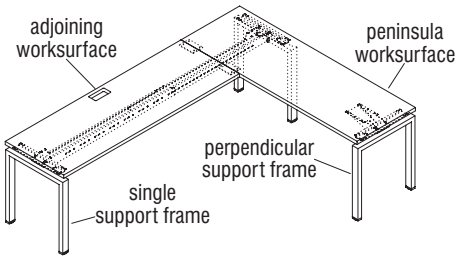
48" & 60" Dual-Sided Adder Conference End Frame (48" Shown)
Figure 3

Post Leg Support
Figure 4

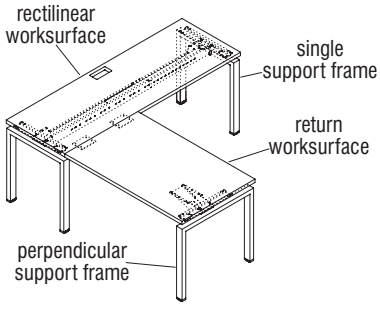
Note: Two Post legs are required for a single conference end support. For use with fixed applications only.

29" Height Perpendicular Frames with Worksurfaces (Steel Leg Frames)

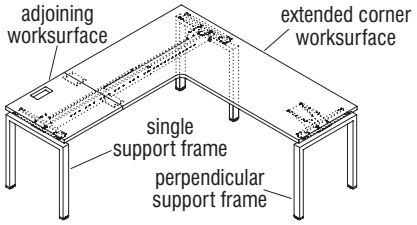
These figures show the single row applications for each type of perpendicular frame combination. No sliding top available in these configurations.



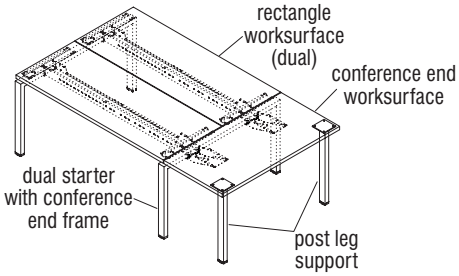
Peninsula and Adjoining Worksurface with Perpendicular Support Frame
Figure 5



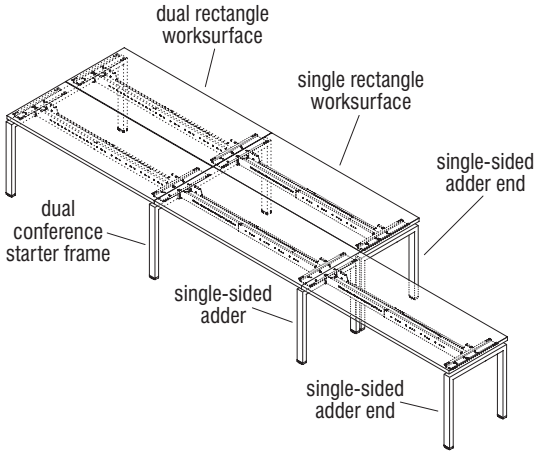
Standard Rectangle Worksurface with Added Return Worksurface with Perpendicular Support Frame
Figure 6



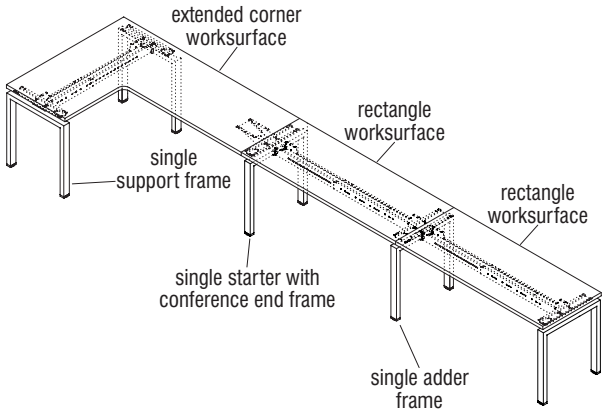
Extended Corner and Adjoining Worksurface
with Perpendicular Support Frame
Figure 7



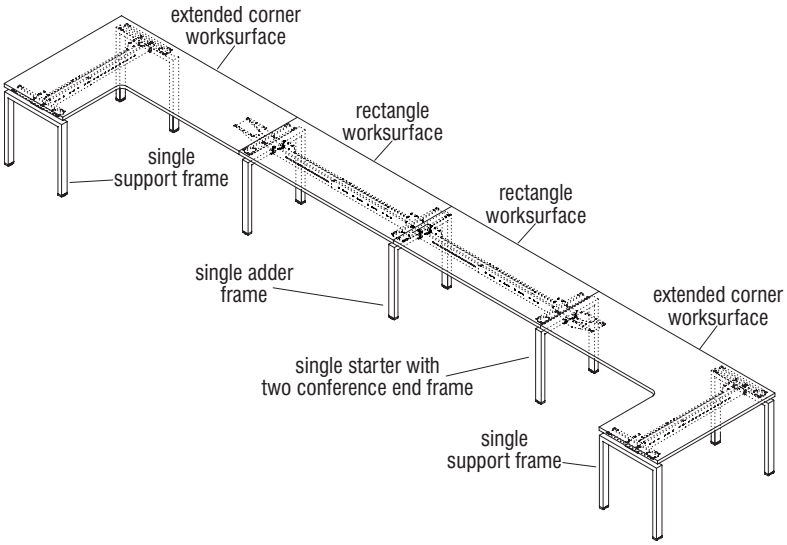
Dual-Sided Frame and Conference End Worksurface
with Post Leg Support
Figure 8



Dual-Sided Starter Frame with One Conference End
with Single Adder End Frame
Figure 9



Extended Corner and Adjoining Worksurfaces
with Single Conference One End & Single Adder Frame
Figure 10



Extended Corner and Adjoining Worksurfaces
with Single Conference Two End & Single Adder Frame
Figure 11

ELECTRICAL (Steel & Wood Leg Frames)

Product Overview

Connection Zone benching can utilize the following electrical systems:

- 10-wire electrical system (6-2-2 or 4-4-2 system) on steel leg frames.
- Hardwired electrical system (city of Chicago electrical code) on steel or wood leg frames.
- Pattern electrical system (single circuit electrical system) on steel or wood leg frames.
- Power modules with 3-prong plug can plug into building outlet or 10-wire/Chicago code hardwired components (not applicable to plug into Pattern single circuit electrical systems).

10-Wire Electrical System: The pre-wired electrical utilizes the 810 10-wire electrical system in 6-2-2 or 4-4-2 configuration UL 183 Listed: The 6-2-2 system provides six-circuits (20 amps each); three-convenience and three-isolated ground circuits (sometimes referred to as a 3 + 3 configuration). The six circuits share two oversized neutral wires. The 4-4-2 system provides four-circuits (20 amps each); four hot wires, four neutral and two ground wires. The 6-2-2 & 4-4-2 systems allow multiple workstations to feed from one power supply. All electrical components including rigid wireway kits, infeeds, jumpers and receptacles are ordered separately.

- Each 10-wire rigid wireway is designed to accept two duplex receptacles per side. On single-sided worksurfaces, only one side of each rigid wireway is used. On dual-sided worksurfaces, both sides are used for a total of four receptacles per rigid wireway. Rigid wireways in some sizes (60" & 72") can be specified in either "single" (one rigid wireway per assembly) or "double" (two rigid wireways per assembly).

- A duplex receptacle (ordered separately) has two "plug-in" openings which accept 120 volt three-prong grounded plugs (see space-planning guidelines for specifics per row type and configuration).

- Table-to-table electrical is accomplished by jumpers (ordered separately).

- Peninsula worksurfaces (29" height only) in powered layouts require long (-24, -30, -48 & -60) jumpers (ordered separately).

- The system is energized by either a base Infeed (liquid-tight covered flexible conduit) or an Top Infeed (metal flexible conduit housed in an extruded aluminum pole) (ordered separately).

- **Note:** 10-wire power cannot be used on wood leg desk units. Wood leg desk units can only use power modules with Pattern or hardwire (Chicago).

- **Number of Workstations:** To determine a workstation's electrical needs, the draw of each powered device being used must be identified and accounted for.

  A tag is attached to every UL listed electrical appliance which specifies how many amps that particular appliance will draw (ex: 1.5A = $1^1/_2$ amps). The total number of amps specified per circuit will determine how many appliances each infeed circuit can accommodate (recall: 6-2-2 has six circuits), one infeed supplies six, 20-amp circuits. (Recall: 4-4-2 has four circuits), one infeed supplies four 20-amp circuits).

  The National Electrical Code recommends to load a circuit with 80% of the 20-amp rating, or 16 amps.

  Layouts with heavy electrical needs can be specified with more than one power infeed.

- **Center Work Rail Electrical:** These models consist of the standard 10-wire 6-2-2 or 4-4-2 rigid wireway, but use different mounting brackets that **ONLY** mount to frameless privacy and support privacy screens. Center work rail electrical can only be used on **dual units**. Reference page 23 for "Dual-Sided 10-wire Electrical" planning guidelines.

Hardwired Electrical System: Components are available to be specified on worksurfaces in both single- and dual-sided applications and require the electrician to provide the receptacles, conduit and connector fittings. Reference page 28 for "Hardwired Electrical" planning guidelines.

Pattern Electrical System: A non-sequential single circuit electrical system used to provide power distribution which is ETL Listed to UL 962A (USA) and CAN/CSA-C22.2 No. 308 (Canada). Cannot be used with 10-Wire electrical components. Reference page 39 for "Power Modules for Pattern" & page 29 for "Pattern Electrical System" planning guidelines.

ELECTRICAL (Steel & Wood Leg Frames)(cont.)

Power Modules with 3-Prong Plug:

- **Ashley® Duo Under Power Modules with 3-Prong Plug:** These modules are used for worksurface power. Mounted to the underside of the worksurface at the front, user side. Reference page 40 for "Ashley Duo with 3-Prong Plug" planning guidelines.

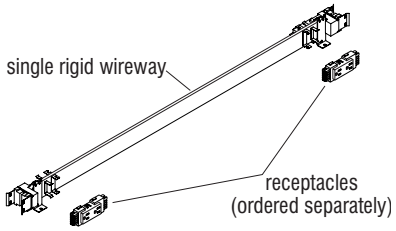
- **Dean® In-Surface and Nacre In-Surface Power Modules with 3-Prong Plug:** Modules provide access to power/data at the worksurface. Cutout location(s) must be specified on worksurfaces. Worksurface modules are ordered separately through the Accessories Price list. Reference page 40 for "Dean and Nacre Power Module with 3-Prong Plug" planning guidelines.

- **Dean® Undersurface Power Modules with 3-Prong Plug:** This module provides access to power beneath the worksurface at the front, user side. Reference page 40 for "Dean Undersurface Power Module with 3-Prong Plug" planning guidelines.

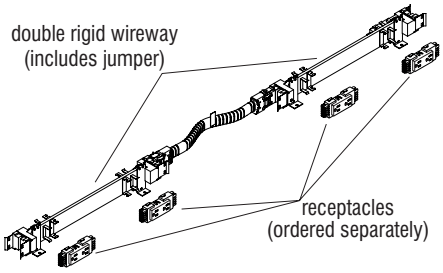
Single-Sided 10-Wire Electrical (Steel Leg Frames)

Planning Guidelines

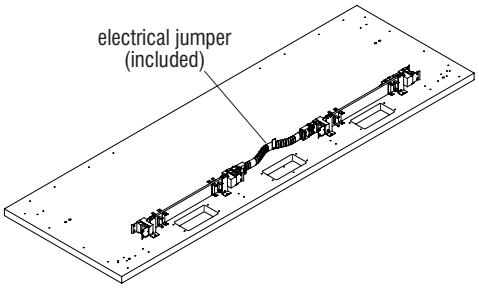
- All electrical components including rigid wireways, table-to-table jumpers, receptacles and an infeed must be specified independently to complete the 10-wire 6-2-2 or 4-4-2 modular power.
- Single-Sided worksurface model numbers are designed to correlate by length with the single-sided starter/adder frames. On 60" and 72" models, single or double rigid wireway assemblies may be specified separately. Single rigid wireways will accept two receptacles and double rigid wireway assemblies will accept four receptacles.
- Figures 1 & 2 show the available rigid wireway configurations. Figure 3 shows a double rigid wireway assembly mounted to the underside of the worksurface.



36"-72" Single Rigid Wireway for Single-Sided Applications (60" Shown)
Figure 1



60"-96" Double Rigid Wireway for Single-Sided Applications (60" Shown)
Figure 2



Double rigid wireway (installed to worksurface) for single-sided applications
Figure 3

- **Table-to-Table Jumper**: Ordered separately to connect power from one table to the next (Figures 4 & 5. **Note:** jumper is included between rigid wireways in double rigid wireway model numbers (Figure 2 & 3).

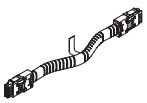
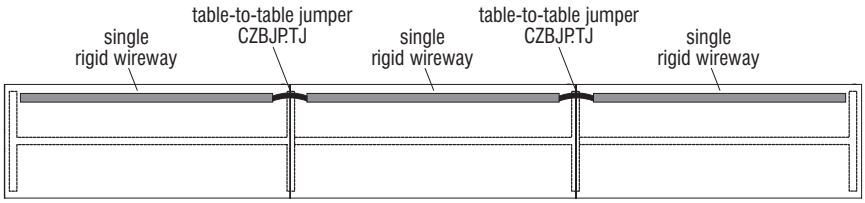


Table-to-Table Jumper 18.5"
Figure 4



Power Rigid Wireway with Table-to-Table Jumper
Figure 5

Single-Sided 10-Wire Electrical (Steel Leg Frames) (cont.)

- If a layout is more complicated and involves perpendicular surfaces (i.e. extended corners or peninsulas with adjoining surfaces), KI space planning is required. The 10-wire 6-2-2 & 4-4-2 system is specified separately.
- On single-sided row units the length or size of the electrical rigid wireway assembly (48" through 96") must match the length of the rectilinear worksurface to which it is applied (Figure 7).
- If using a single 24" depth peninsula surface (29" height only), either a -24" jumper on a single peninsula or a -48" jumper on a back-to-back layout may be used (Figures 6 & 7). **Note:** Figure 7 shows a back-to-back peninsula layout.
- If using a single 30" depth peninsula surface (29" height only), either a -30" jumper on a single peninsula or a -60" jumper on a back-to-back layout may be used (Figures 6 & 7). **Note:** Figure 7 shows a back-to-back peninsula layout.

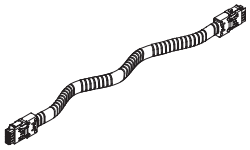


Table-to-Table Jumper 42.5"-84.5"

Figure 6

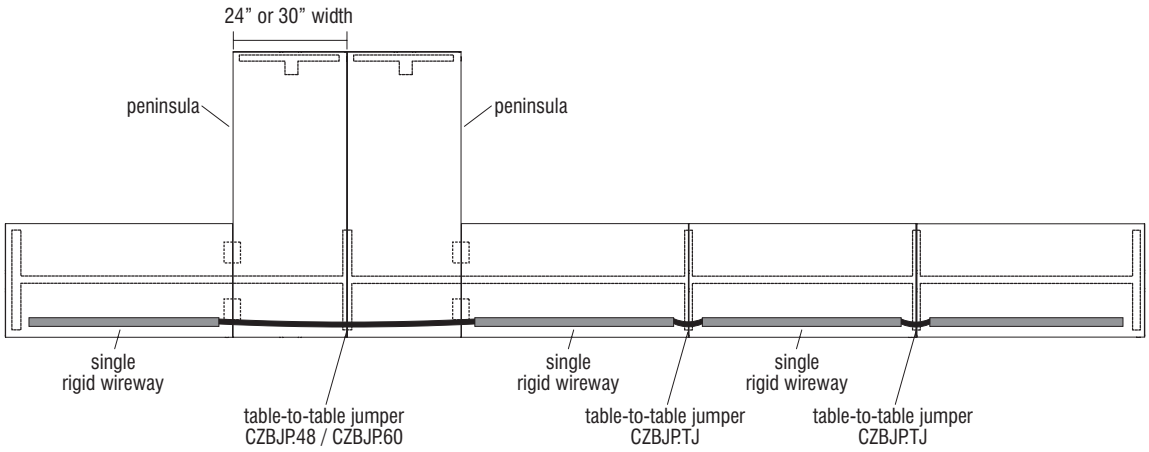


Figure 7

- If the layout has an extended corner (29" height only) used in a straight row, the required rigid wireway assembly is "CZBE1S48-color" (since the 48" edge is supported by the beam (Figure 8).

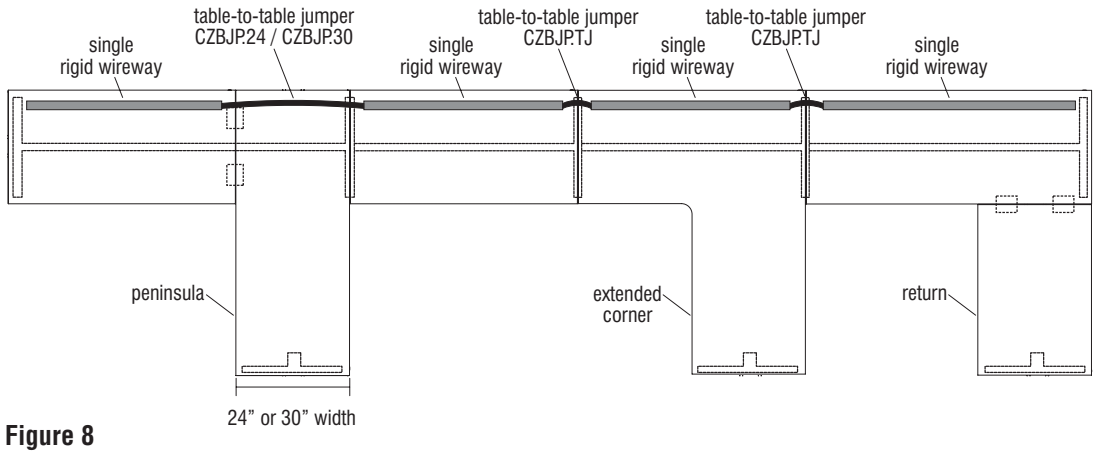


Figure 8

Single-Sided 10-Wire Electrical (Steel Leg Frames) (cont.)

- If using an extended corner worksurface (29" height only) to make a 90 degree corner that continues the same electrical around the corner, a longer table-to-table jumper is required (Figure 9).
- 60" & 72" table-to-table jumpers include Velcro cord manager.

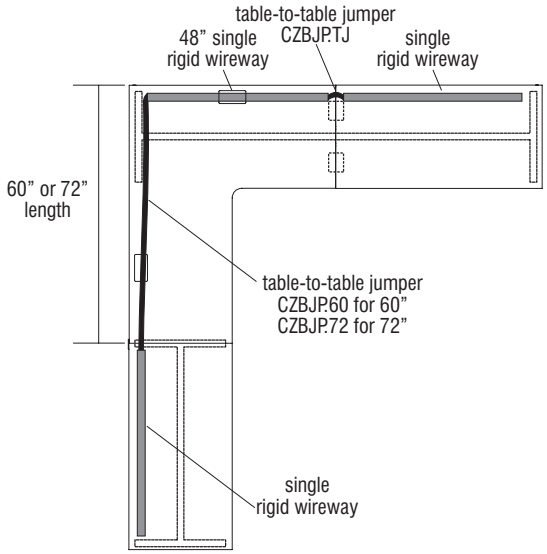


Figure 9

Single-Sided 10-Wire Electrical/Data Infeeds (Steel Leg Frames)

Single-Sided Infeeds

- **Base Infeed:** Power can be specified to enter the unit(s) from the floor level by a liquid-tight colored flexible conduit (Figure 1). The base infeed is shown on the end in Figure 1, but can enter at any leg location.
- **Top Power Infeed:** Power may be also supplied through an aluminum pole with wires enclosed in flexible metal conduit (Figure 2). Aluminum power pole has two cavities, of which one cavity is used for data wires. This infeed can only be located at the end of a row. Data infeed capacity is 24 cables at 1/4" diameter each.
- **Top Data Infeed:** Standard top infeed becomes data infeed when both cavities are used for data cables only. Capacity is 36 cables at 1/4" diameter each (Figure 3).
- **Base Wire Enclosure (horizontal/vertical):** Allows 10-wire infeed conduit and data cables to run inside the horizontal wire enclosure and transition to the vertical wire enclosure to the floor level. Wire enclosure clearance is 1 1/2" x 2 1/3" (Figure 4).
- **Data Cables:** Data routing runs inside the beam (Figure 6) and transitions from table-to-table through grommet holes in the bottom surface of the beams (Figure 5). If communication connectors will terminate at cable ends, a data bracket must be ordered separately (Figure 7).
- **Power Access Door:** Cords from equipment being used on worksurface are managed by routing them down through grommets, then tucking cords close to the beam and closing the wireway access cover (Figure 8).

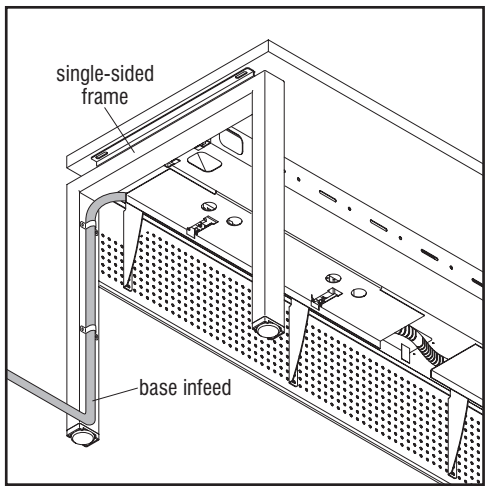


Figure 1 - Base Infeed on Single-Sided Frame

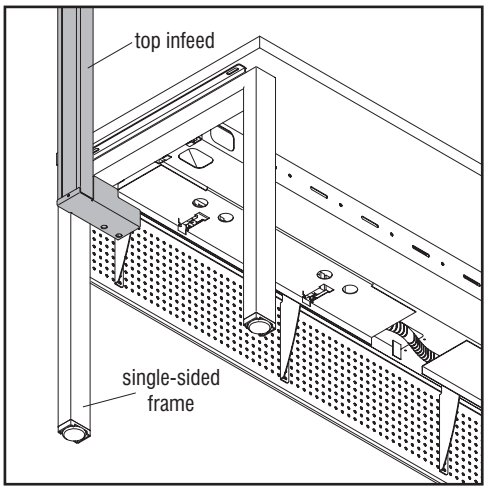


Figure 2 - Top Infeed on Single-Sided Frame

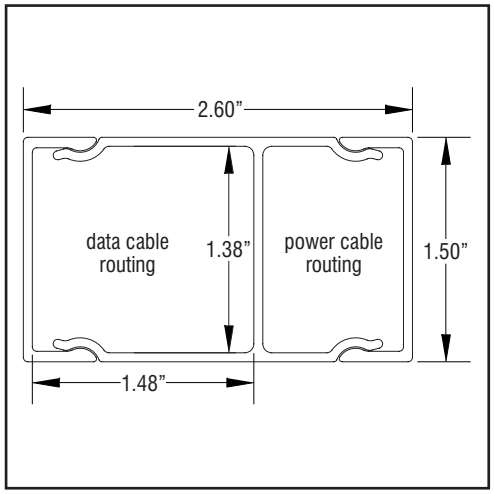


Figure 3 - Top Infeed Cable Routing Cavities

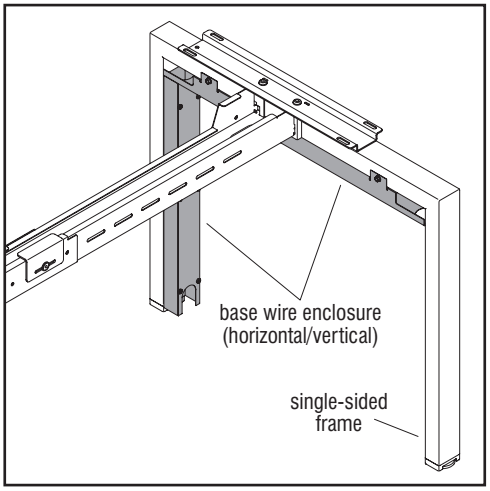


Figure 4 - Base Wire Enclosure (horizontal/vertical)

Single-Sided 10-Wire Electrical/Data Infeeds (Steel Leg Frames) (cont.)

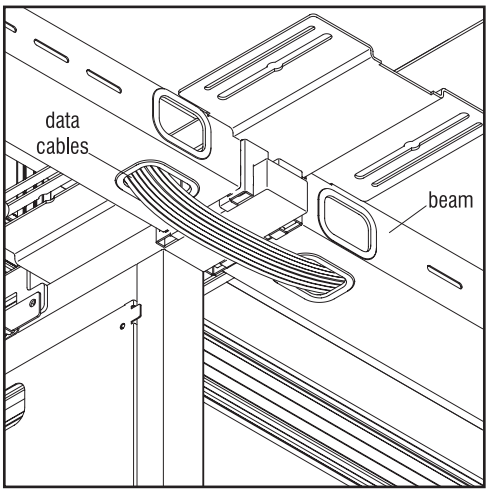


Figure 5 - Beam-to-Beam Data Routing

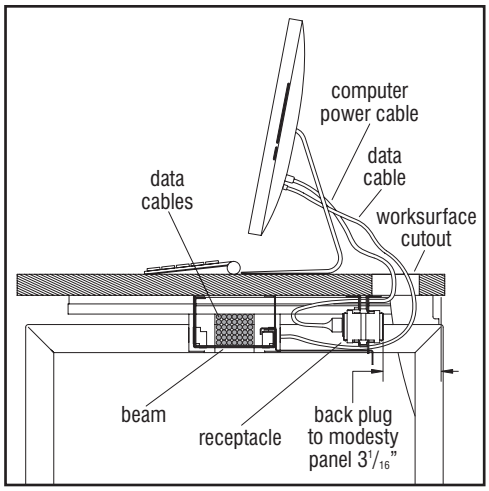


Figure 6 - Single-Sided Wire Routing

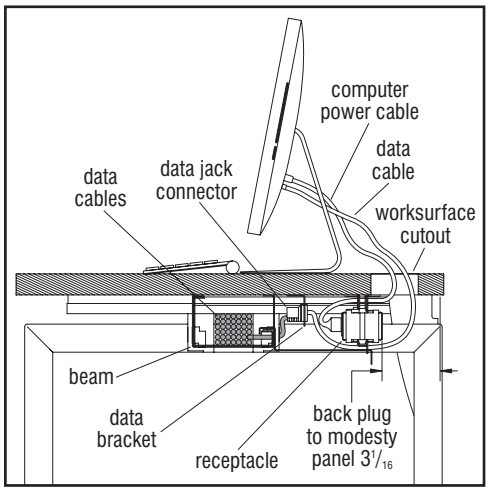


Figure 7 - Single-Sided Data Bracket Cable Routing

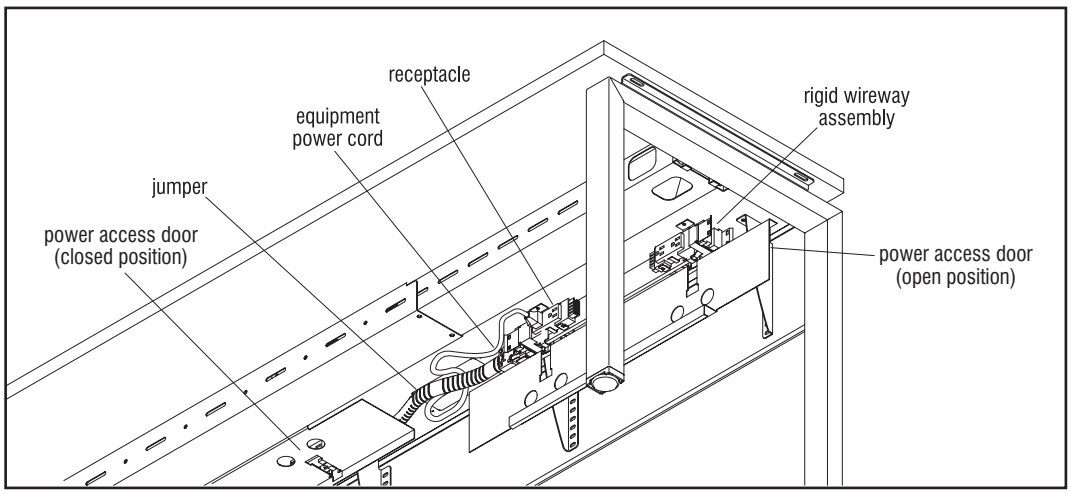
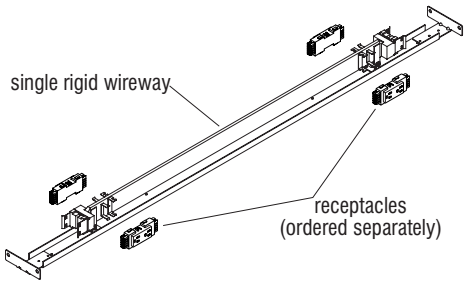


Figure 8 - Power Access Door on Single-Sided Frame

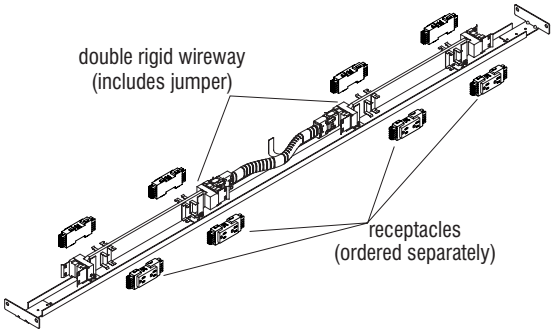
Dual-Sided 10-Wire Electrical (29" Height) (Steel & Wood Leg Frames)

Planning Guidelines

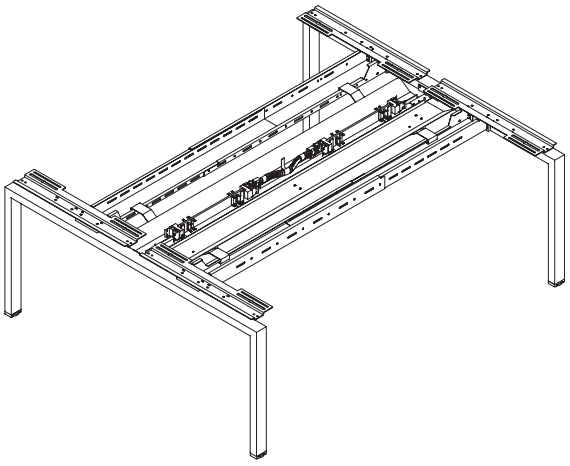
- All electrical components including rigid wireways, table-to-table jumpers, receptacles and infeeds must be specified independently to complete the 10-wire 6-2-2 or 4-4-2 modular power system.
- Dual-sided electrical is designed to correlate by length with the dual-sided starter/adder frames. On 60" and 72" models, single or double rigid wireway assemblies may be specified separately. Single rigid wireways will accept four receptacles and double rigid wireways will accept eight receptacles.
- Your configuration may vary. Figures 1 & 2 show the available rigid wireway configurations. Figure 3 shows the dual-sided double rigid wireway assembly mounted to the frame supports. Figure 4 shows the dual-sided double rigid wireway assembly mounted to the wood leg frame supports.



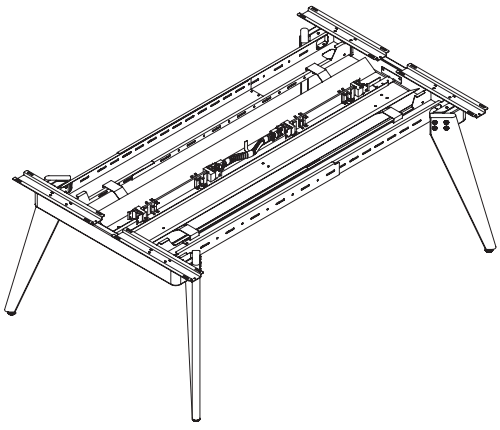
36"-72" Single Rigid Wireway for
Dual-Sided Applications (60" Shown)
Figure 1



60"-96" Double Rigid Wireway for
Dual-Sided Applications (60" Shown)
Figure 2



Double Rigid Wireway Assembly (installed to frame)
for Dual-Sided Applications
Figure 3



Wood Leg Double Rigid Wireway Assembly (installed to frame)
for Dual-Sided Applications
Figure 4

Dual-Sided 10-Wire Electrical (29" Height) (Steel & Wood Leg Frames)(cont.)

- When space planning dual-sided rows utilizing either peninsula or extended corner worksurfaces, the electrical model number length must match the distance between frame support legs and is ordered separate from the worksurface.
- Regardless of whether the actual frame support (beam) distance is the length of a single worksurface or two worksurfaces (i.e. adjoining worksurface plus an extend corner or peninsula) (Figure 4). This type of worksurface configuration need not be symmetrical.
- However, the beam supported distance of their combined length needs to be equal. (i.e. an extended corner (48") plus a 30" long adjoining worksurface (78" total) could share a dual 72"/96" frame with a 24" deep peninsula and a 54" long adjoining worksurface (78" total) (Figure 4).

Dual Electrical Routing Example:

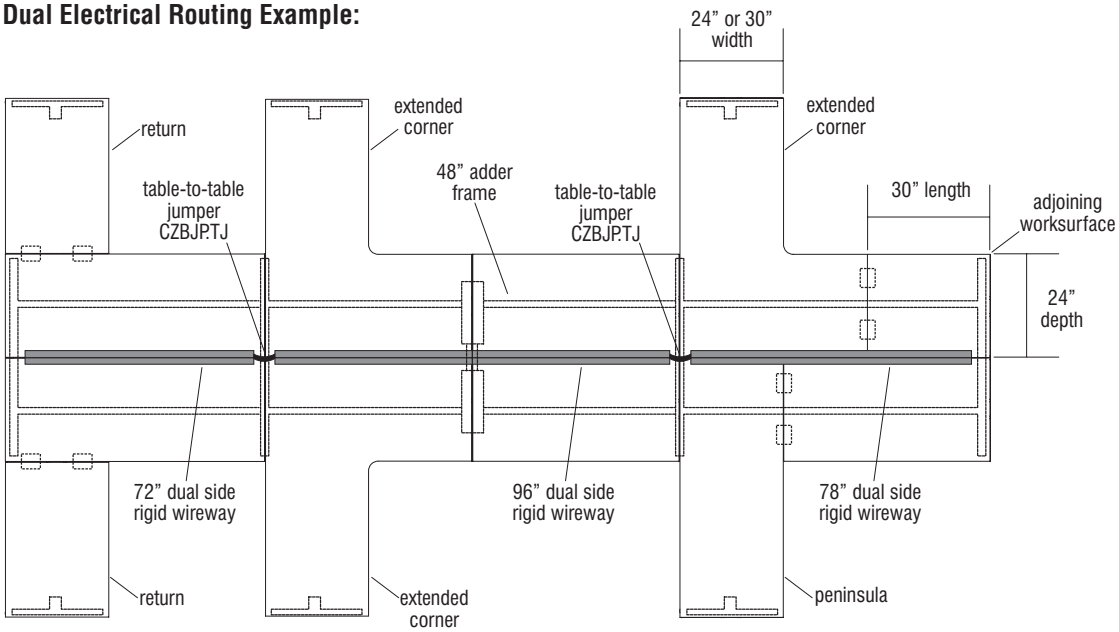


Figure 4 - Steel Leg

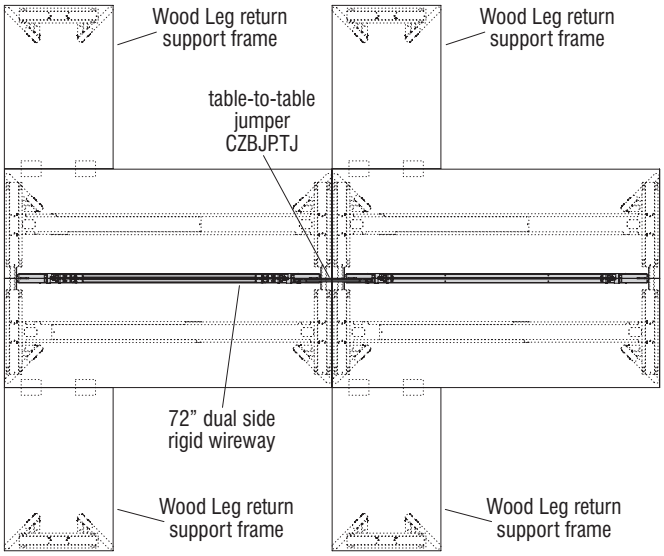


Figure 5 - Wood Leg

- **Note:** Wood leg dual-sided frames can only utilize return worksurfaces.

Dual-Sided 10-Wire Electrical/Data Infeeds (29" Height) (Steel & Wood Leg Frames)

Dual-Sided Infeeds

- **Base Infeed:** Power can be specified to enter the unit(s) from the floor level by a liquid-tight colored flexible conduit (Figure 1 & 2). The base infeed is shown on the end in Figure 1 & 2, but can enter at any leg location.
- **Top Power Infeed:** Power may be also supplied through an aluminum pole with wires enclosed in flexible metal conduit (Figure 2). Aluminum power pole has two cavities, of which one cavity is used for data wires. This infeed can only be located at the end of a row. Data infeed capacity is 24 cables at 1/4" diameter each.
- **Top Data Infeed:** If both cavities are used for data wires, capacity is 36 cables at 1/4" diameter each (Figure 5).
- **Base Wire Enclosure (horizontal/vertical):** Allows 10-wire infeed conduit and data cables to run inside the horizontal wire enclosure and transition to the vertical wire enclosure to the floor level. Wire enclosure clearance is 1 1/2" x 2 1/3" (Figure 6).
- **Cable Riser - Intermediate Adder Leg:** A two-piece metal cover assembly used in conjunction with a dual-sided intermediate leg to manage wires from below worksurface (Figure 7).
- **Data Cables:** Data routing runs inside the beam (Figures 9 & 10) and transitions from table-to-table through grommet holes in the bottom surface of the beams (Figure 8). If communication connectors will terminate at cable ends, a data bracket must be ordered separately (Figure 10).

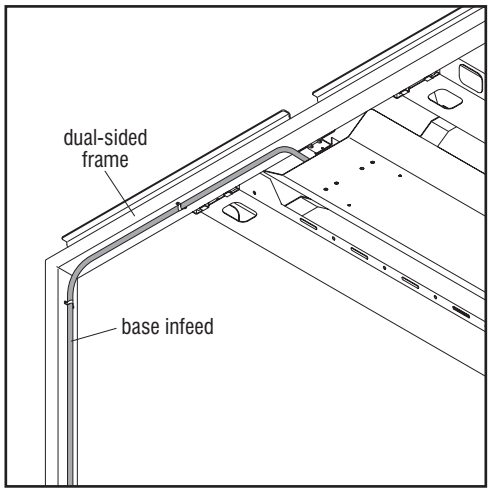


Figure 1 - Base Infeed on Dual-Sided Frame

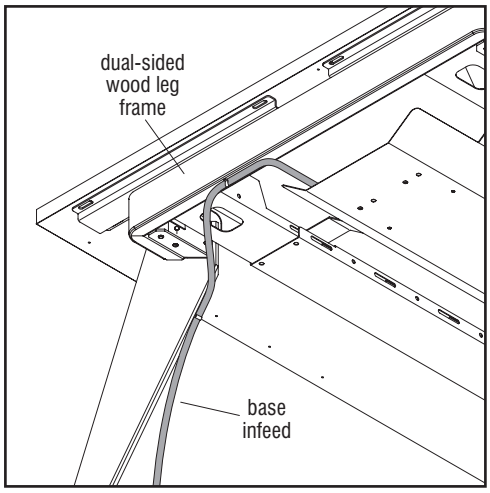


Figure 2 - Base Infeed on Dual-Sided Wood Leg Frame

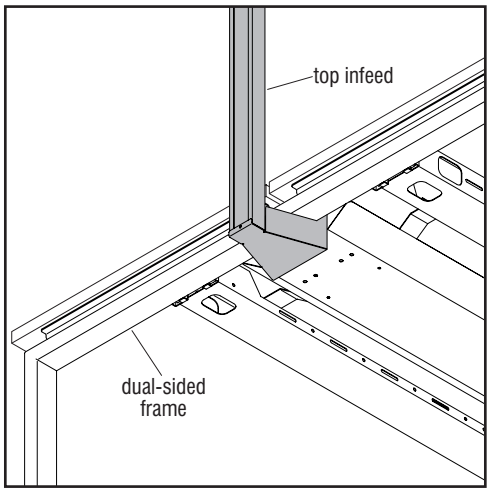


Figure 3 - Top Infeed on Dual-Sided Frame

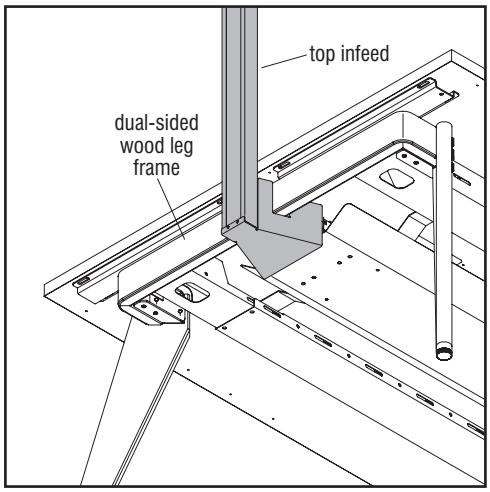


Figure 4 - Top Infeed on Dual-Sided Wood Leg Frame

Dual-Sided 10-Wire Electrical/Data Infeeds (29" Height) (Steel & Wood Leg Frames)(cont.)

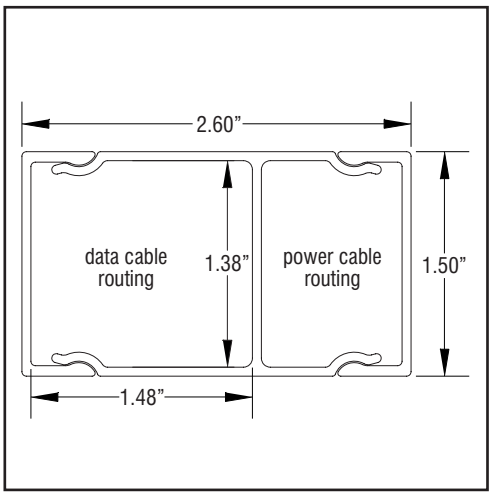


Figure 5 - Top Infeed Cable Routing Cavities

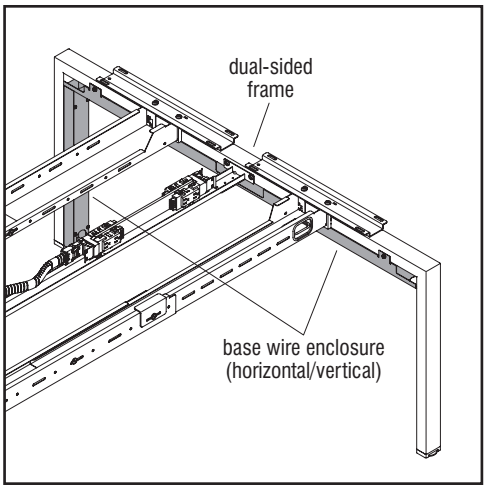


Figure 6 - Base Wire Enclosure (horizontal/vertical)

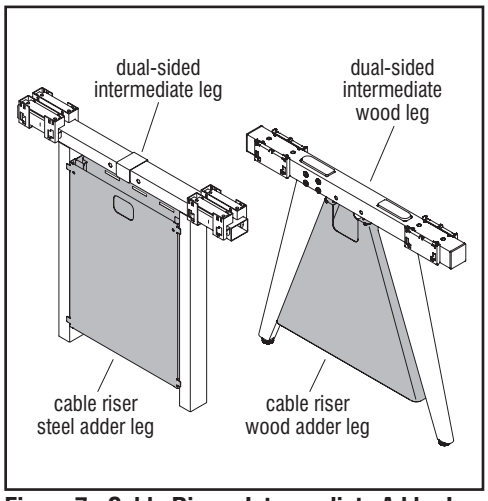


Figure 7 - Cable Riser - Intermediate Adder Leg

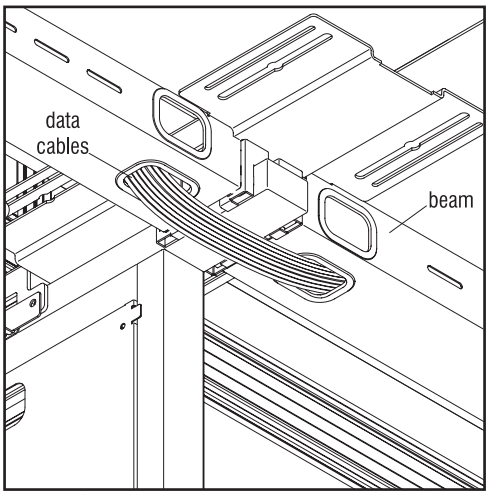


Figure 8 - Beam-to-Beam Data Routing

Dual-Sided 10-Wire Electrical/Data Infeeds (29" Height) (Steel & Wood Leg Frames) (cont.)

- **Cable Tray:** Cords from equipment being used on worksurface are managed by routing wires through worksurface cutouts and then tucking them down into the cable tray (Figure 9 & 10).

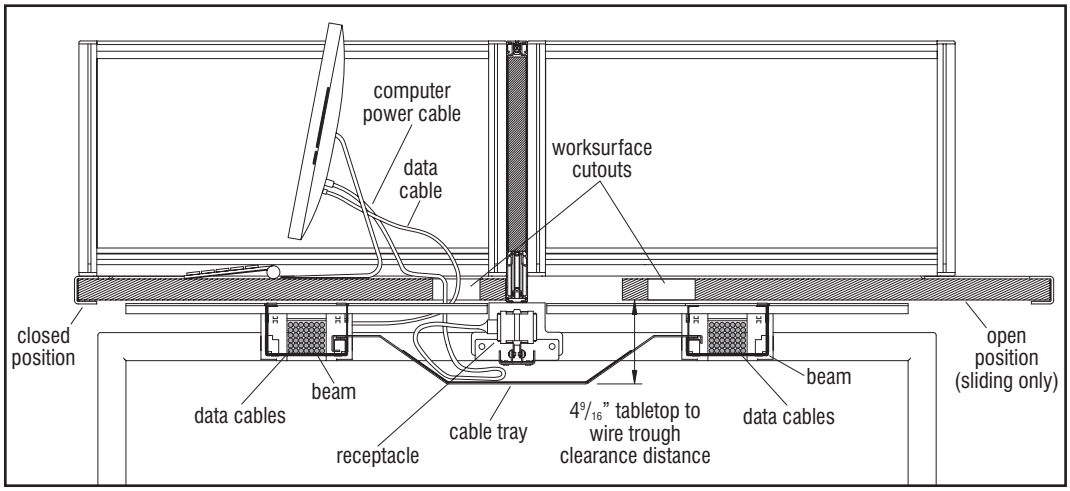


Figure 9 - Dual-Sided Wire Routing

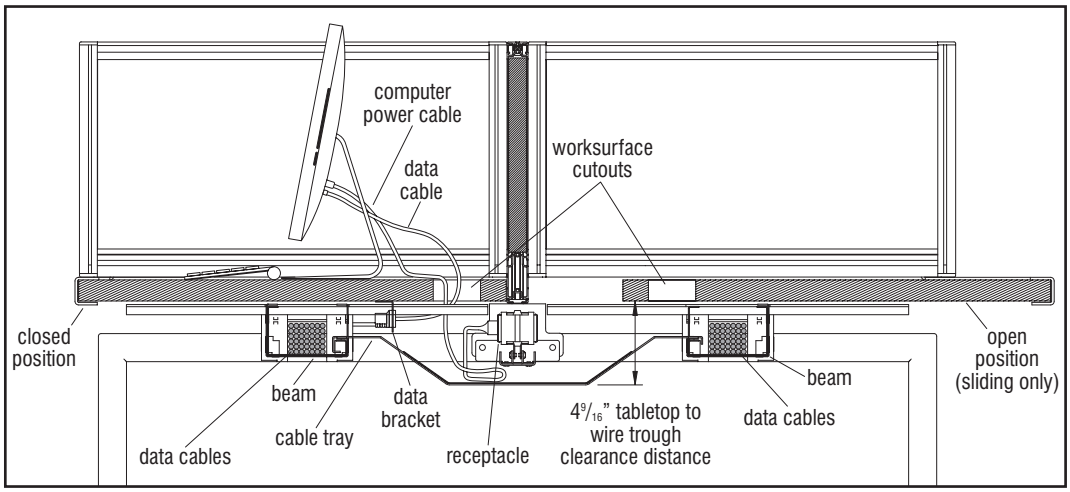


Figure 10 - Dual-Sided, Data Bracket Cable Tray

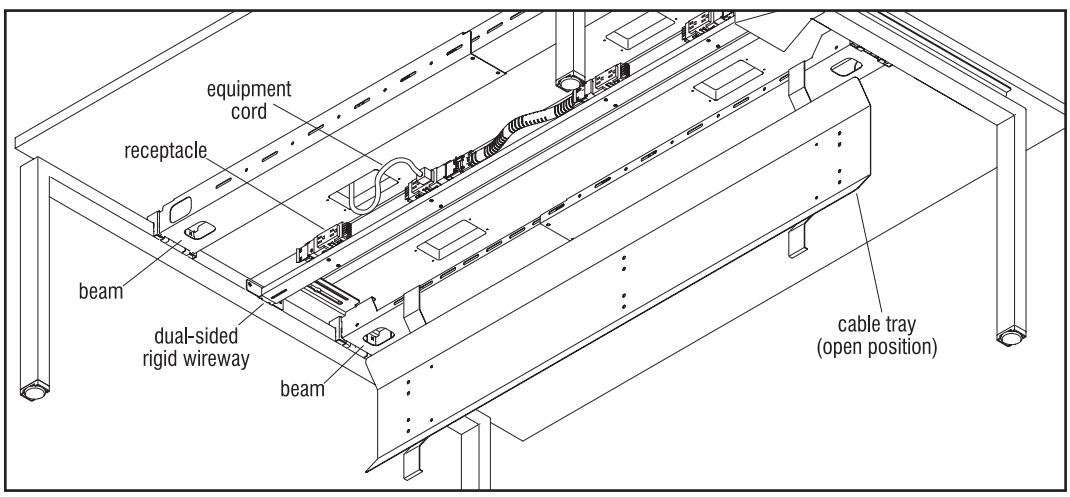
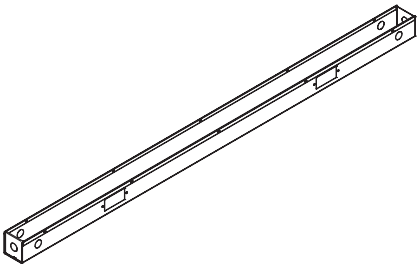


Figure 11 - Cable Tray

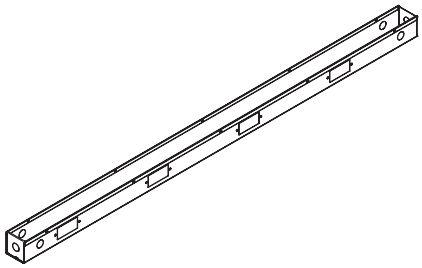
Hardwire Electrical (Single- & Dual-Sided Steel & Dual-Sided Wood Leg Frames)

Planning Guidelines

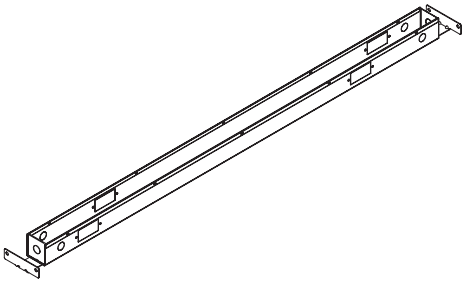
- Hardwire is required in the city of Chicago.
- Hardwire components are available to be specified for use in both single- and dual-sided applications. All electrical assembly components are specified separately.
- Hardwire assemblies are galvanized metal enclosures sized to be specified in the same locations as pre-wired 10-wire assemblies and require the electrician to provide the receptacles, conduit and connector fittings.
- **Single-Sided "Single" Hardwire Assemblies** are non-handed and mount to the underside of the worksurface in the same fashion and location as pre-wired 10-wire power. Two cutouts on one side (Figure 1).
- **Single-Sided "Double" Hardwire Assemblies** are non-handed and mount to the underside of the worksurface in the same fashion and location as pre-wired 10-wire power. Four cutouts on one side (Figure 2).
- **Dual-Sided "Single" Hardwire Assemblies** are non-handed and mount to the frame in the same location as pre-wired 10-wire power. Two cutouts per side (Figure 3).
- **Dual-Sided "Double" Hardwire Assemblies** are non-handed and mount to the frame in the same location as pre-wired 10-wire power. Four cutouts per side (Figure 4).



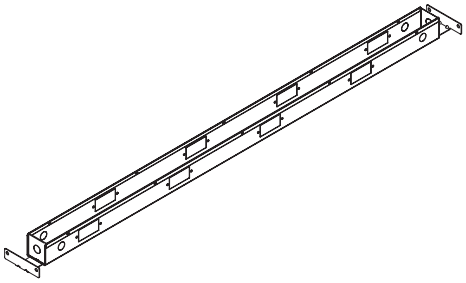
30"-78" Single-Sided "Single" Hardwire Assembly
(60" Shown)
Figure 1



60" & 72" Single-Sided "Double" Hardwire Assembly
(60" Shown)
Figure 2



60", 72", 84", 90" & 96" Dual-Sided "Single" Hardwire Assembly
(60" Shown)
Figure 3



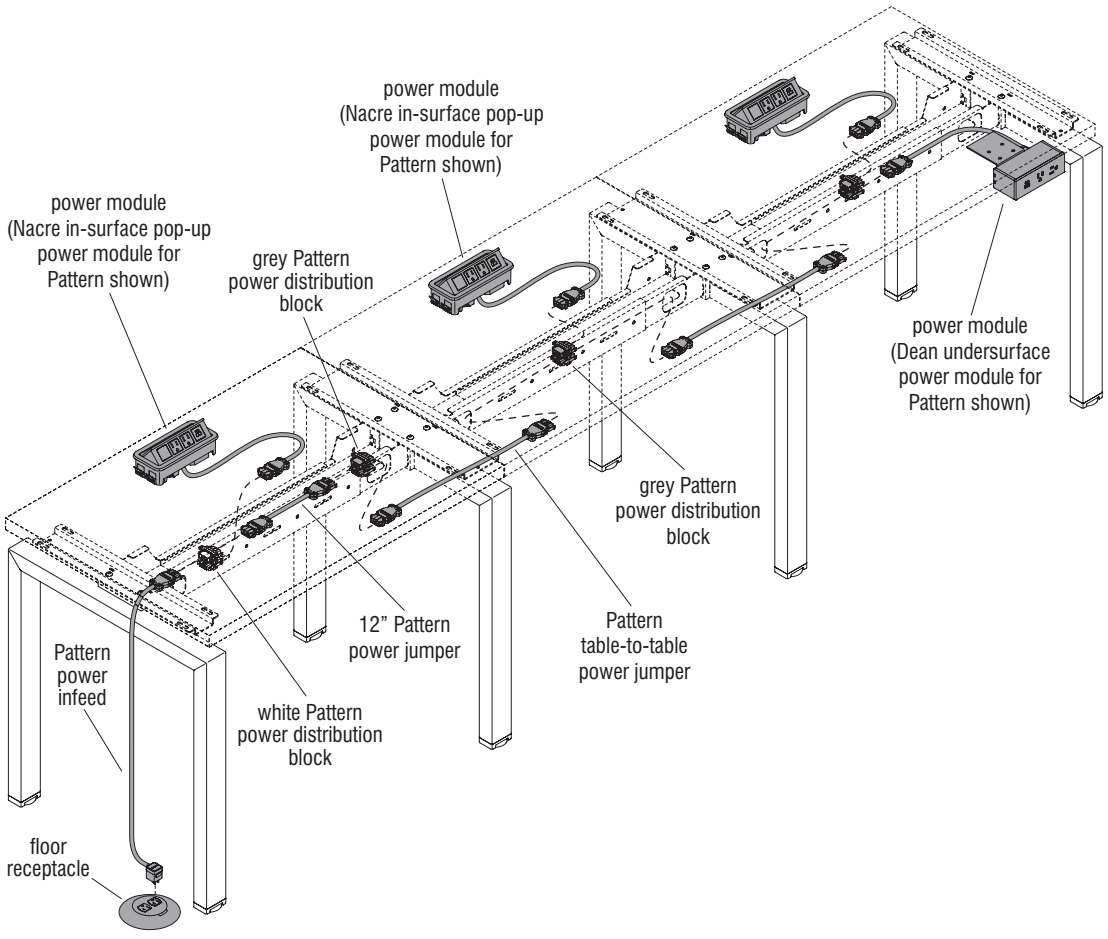
36"-96" Dual-Sided "Double" Hardwire Assembly
(60" Shown)
Figure 4

Pattern Electrical

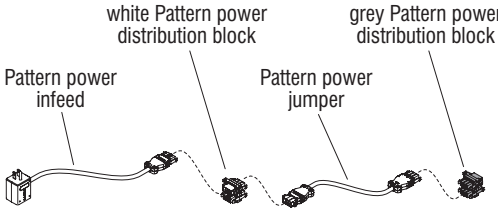
Pattern: A non-sequential single circuit electrical system used to provide power distribution which is ETL Listed to UL 962A (USA) and CAN/CSA-C22.2 No. 308 (Canada). Power infeed can be simply plugged into a building wall or floor receptacle; no electrician is needed.

- Pattern is a 15-amp system; however, continuous use should not exceed 80% draw. Only load 12 amps of draw if current is expected to continue for three or more hours at a time.
- Pattern power jumpers and Pattern power distribution blocks connect from table-to-table to carry power across multiple pieces of furniture.
- The total number of distribution blocks within the system shall not exceed ten per infeed.
- The total length of jumpers (exclusive of the power infeed unit) is not to exceed 600" (50') from the infeed distribution block (in either direction).
- Snap-In RPT brackets allow for custom placement of snap-in power modules under worksurfaces.
- Pattern power infeed is compatible with ground fault interrupter (GFI/GFCI) and uninterrupted power supplies.
- Wire management devices are included. Tables must be mechanically connected together, with all Pattern power connections appropriately installed before connecting infeed to power source.

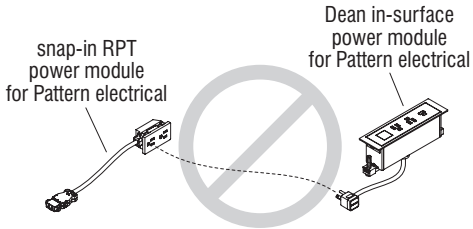
Note: The tables illustrated below are not preconfigured. All power modules, jumpers and infeeds must be ordered separately for the tables as accessories.



Pattern Electrical (cont.)



Acceptable



Not Acceptable

Planning Guidelines				
Table Lengths	**Number of Modules Per Table**	**Extra 12" Jumper Kit**	**Recommended Table-to-Table Power Jumper**	**Maximum Number of Tables per Infeed**
24" - 54"	1	0	53"	9
	2	0	53"	9
60" - 72"	1	0	75"	9
	2	0	75"	9
	3	1	75"	5
	4	1	75"	4
72" - 96"	1	0	101"	5*
	2	0	101"	5*
	3	1	101"	5
	4	1	101"	4

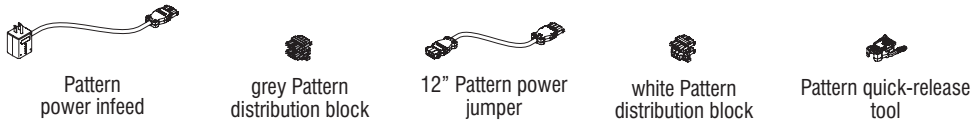
*Nine tables with power can be achieved per infeed if the configuration is set up with a center infeed. If the infeed is in the center, the maximum total power jumper length is 50' in both directions.

Note: To determine number of 12" jumper kits required, subtract 1 from the total number of worksurfaces (worksurfaces with infeed kits do not require a 12" jumper kit).

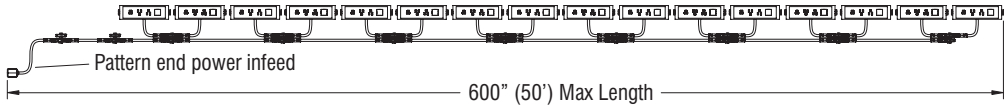
Note: Maximums assume layouts consist of the same table size and power configuration.

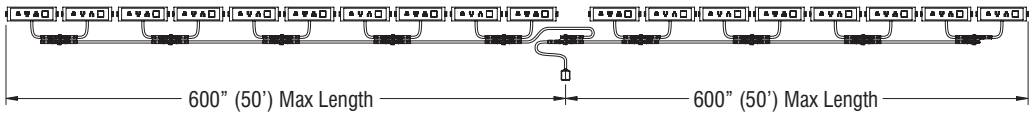
Pattern Power Infeed Kits

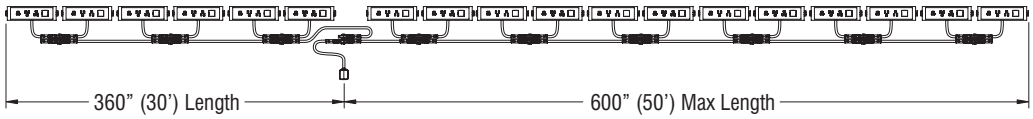
- Power infeed kit includes (1) white Pattern power distribution block, (1) grey Pattern power distribution block, (1) 12" Pattern power jumper, (1) 108" Pattern power infeed & (1) Pattern quick-release tool.
- Kit counts towards two distribution blocks within a run of power (ten distribution blocks maximum per infeed).
- Kit counts towards 12" jumper length (600" or 50' maximum per infeed in either direction).



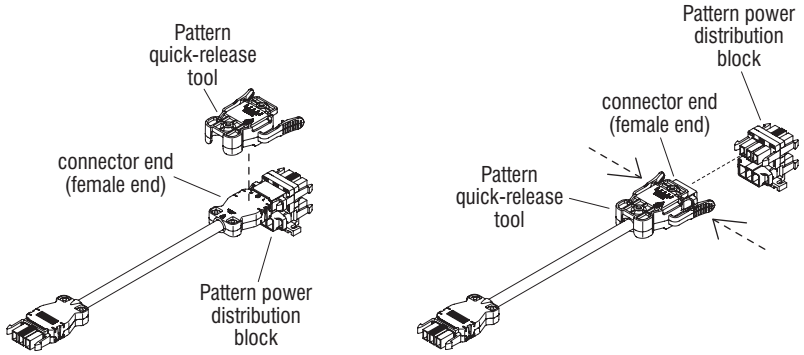
- Pattern power infeed cords are 108" long.
  - Power infeed kits allow for reconfiguration and can be installed at the end of, or anywhere within a run, as long as the total length of jumpers from the power infeed (in either direction) does not exceed 600" (50').
  - Regardless of power infeed location, layout cannot exceed ten distribution blocks per infeed.
  - Power infeeds come with 90-degree angled plugs. Angled plugs make it easier to route the cords through tight corners and spaces eliminating stress placed on the power cord conductors and the strain relief.







- Pattern Quick-Release Tool
  - Pattern quick-release tool is a simple tool designed to help remove the power connector ends from the Pattern power distribution blocks if reconfiguration of the Pattern electrical system is required.



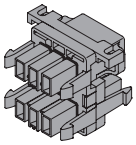
Pattern Power Distribution Blocks

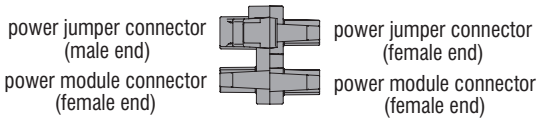
Pattern power distribution blocks are required to connect and distribute power. Two types of distribution blocks are used, as illustrated below.

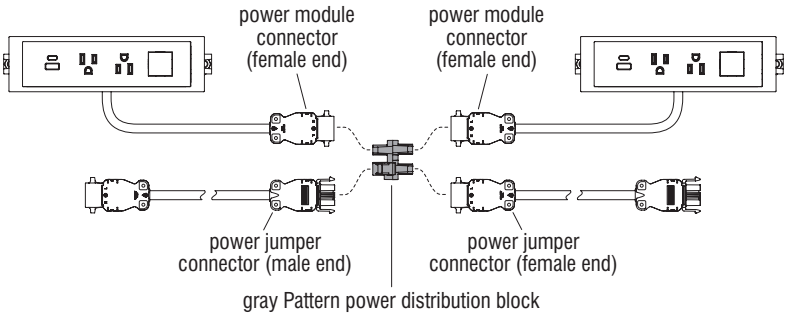
The two distribution block types (white and grey) are not specified separately.

The total number of power distribution blocks within the system shall not exceed ten per power infeed.

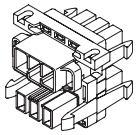
- **Grey Pattern Power Distribution Block**
  - Supports two power modules, and two jumpers or one jumper and one infeed.

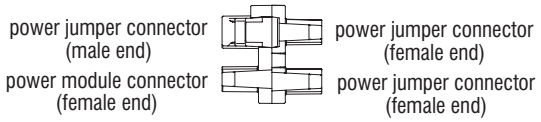


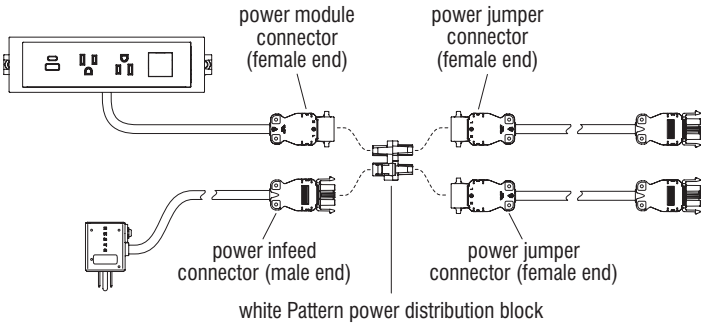




- **White Pattern Power Distribution Block**
  - Supports one power module, and three jumpers or two jumpers and one infeed.

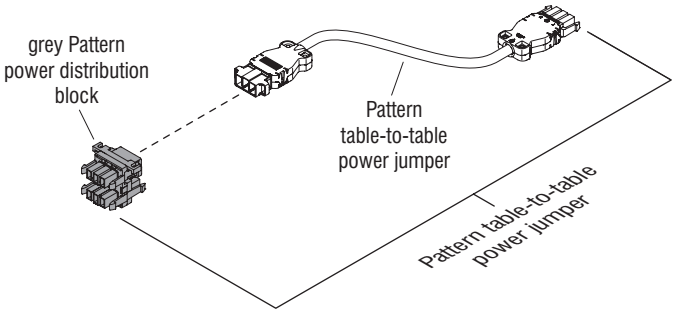






Pattern Table-to-Table Power Jumper Kit

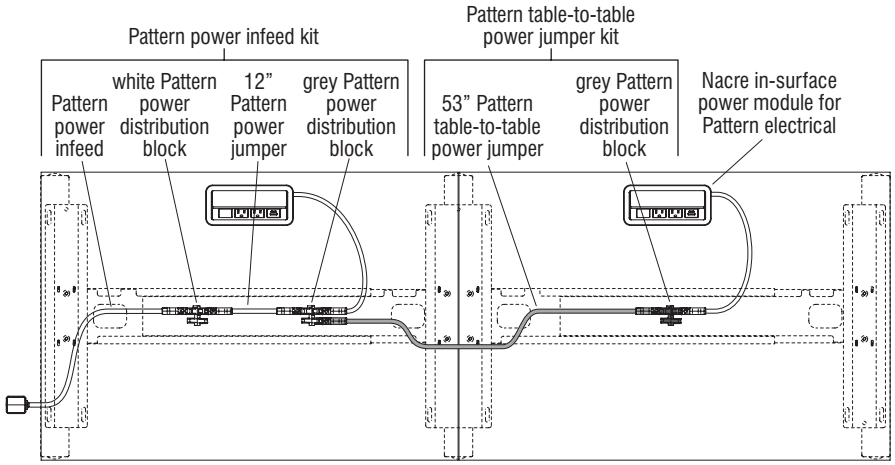
- Pattern table-to-table power jumper kits are specified separately. Kits consist of Pattern power jumper in specified length and a grey Pattern power distribution block required to connect jumper to a power module.
- Below jumper recommendations are based on table size and allow for reconfiguration with excess cord being managed within troughs and are not layout dependent.
- Jumper lengths (53", 75" and 101") are determined based on distance to attach to a previous distribution block.



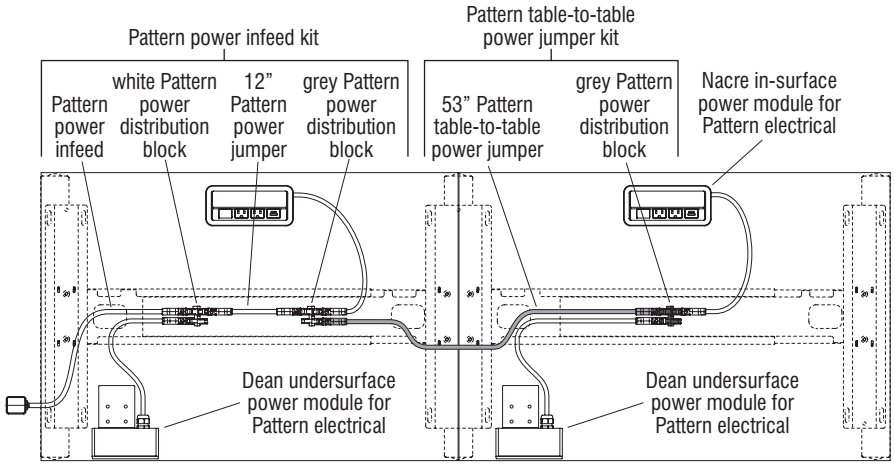
Pattern Table-to-Table Power Jumper Kit

Pattern Table-to-Table Jumper Guide		
Table Lengths	**Number of Modules Per Table**	**Recommended Table-to-Table Power Jumper**
24" - 54"	1	53"
	2	53"
60" - 72"	1	75"
	2	75"
	3	75"
	4	75"
75" - 96"	1	101"
	2	101"
	3	101"
	4	101"

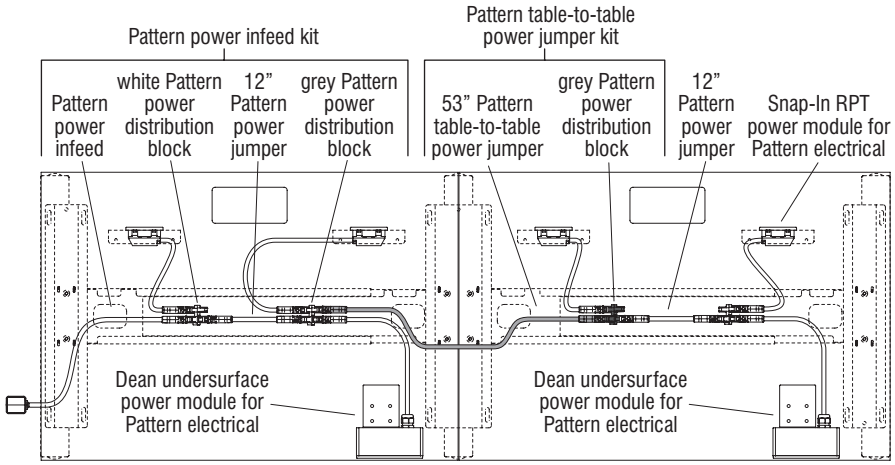
Pattern Table-to-Table Power Jumper Kit (cont.)



Tables with One Power Module



Tables with Two Power Modules



Tables with Three Power Modules

Planning with Pattern Electrical

1. Identify power requirements, confirm number of modules and tables per layout.

Pattern is a 15-amp system; however, continuous use should not exceed 80%. Only load 12 amps of draw if current is expected to continue for three or more hours at a time.

Amp Draw Range by Item Type:
This chart shows the estimated amp draw for common devices. Be sure to calculate the necessary amperage needs for the space. Amp draw requirements will determine the number of infeeds needed.

Item	Amp(s)	Item	Amp(s)	Item	Amp(s)
Bluetooth Speaker	0.1	Inkjet Printer	0.15	Refrigerator	6
Cell Phone Charger	1-2	Laptop	1	Scanner	3
Coffee Maker	10	Laser Printer	0.5	Space Heater	12
Computer Monitor	0.5	LED Task Light	0.08	Tablet	1-2
Copy Machine (Xerox)	20	Microwave	10	Tea Kettle	7-10
Cordless Drill Charger	2-3	Office Phone	0.1	Television 42"	1
Crock Pot	1-2	Paper Shredder	1.22	USB Charger	0.17
Desktop 3-D printer	5	Personal Fan	0.5	Vacuum	10
Desktop Computer	3	Projector	1.7		

Calculate Amps from Watts:
To calculate amps from watts, divide the watts by 120.
Example: 600 watts/120 = 5 amps

2. Confirm number table-to-table jumper kits and infeed kits required to power layout.

The below table identifies maximum number of tables that can be planned per infeed.

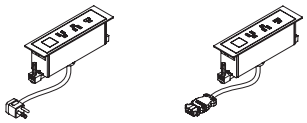
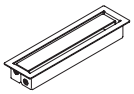
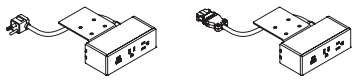
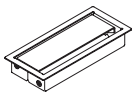
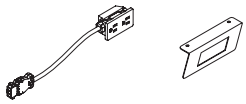
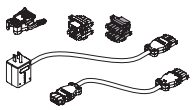
Planning Guidelines				
Table Lengths	**Number of Modules Per Table**	**Extra 12" Jumper Kit**	**Recommended Table-to-Table Power Jumper**	**Maximum Number of Tables per Infeed**
24" - 54"	1	0	53"	9
	2	0	53"	9
60" - 72"	1	0	75"	9
	2	0	75"	9
	3	1	75"	5
	4	1	75"	4
72" - 96"	1	0	101"	5*
	2	0	101"	5*
	3	1	101"	5
	4	1	101"	4
Extended Corner	1	0	101"	Based on your configuration
	2	0	101"	Based on your configuration
	3	1	101"	Based on your configuration
	4	1	101"	Based on your configuration

*Nine tables with power can be achieved per infeed if the configuration is set up with a center infeed. If the infeed is in the center, the maximum total power jumper length is 50' in both directions.

Note: To determine number of 12" jumper kits required, subtract 1 from the total number of worksurfaces (worksurfaces with infeed kits do not require a 12" jumper kit).

Note: Maximums assume layouts consist of the same table size and power configuration.

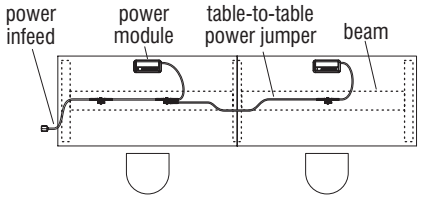
Electrical Components

Electrical Components				
Power Options	**Visual**	**Module Configuration**	**Tabletop Cutout Dimensions**	**Mounting Location**
Dean In-Surface (Available with 3-prong plug or Pattern Electrical System)		2 power outlets, 1 dual USB A+C, 1 open port	1.94" x 7.3"	in surface
Dean In-Surface Grommet		N/A	1.94" x 7.3"	in surface
Dean Undersurface (Available with 3-prong plug or Pattern Electrical System)		2 power outlets, 1 dual USB A+C	N/A	below surface
Nacre Pop-Up Module (Available with 3-prong plug or Pattern Electrical System)		2 power outlets, 1 dual USB A+C, 1 open port	3" x 6.94"	in surface
Nacre Grommet		N/A	3" x 6.94"	in surface
Snap-In RPT and bracket (Available with Pattern Electrical System only)		2 power outlets	N/A	in trough
Pattern Power Infeed Kit • Pattern Power Infeed • Pattern Power Jumper • White Pattern Power Distribution Block • Grey Pattern Power Distribution Block • Pattern Quick-Release Tool		N/A	N/A	N/A
Pattern Table-to-Table Jumper Kit • Pattern Table-to-Table Power Jumper • Grey Pattern Power Distribution Block		N/A	N/A	N/A

Pattern Electrical (Steel & Wood Leg Frames)

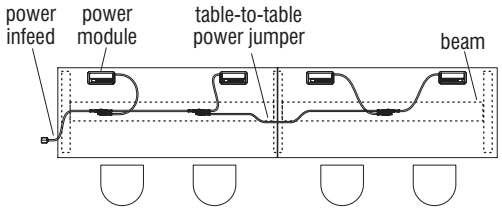
Planning Guidelines

- Dean® In-Surface, Dean Undersurface, and Nacre® In-Surface Pop-Up power modules for Pattern specify jumpers, per guidelines chart shown below. Dean and Nacre power modules for Pattern install into corresponding worksurface cutout locations. Dean Undersurface power modules for Pattern mount under the front user side of the worksurface.
- The total number of distribution blocks per circuit shall not exceed ten under any configuration.
- The total length of jumpers (exclusive of the power infeed unit) is not to exceed 50 feet, or 600 inches.
- Reference the same chart for laying out the Dean Undersurface power module for Pattern under the worksurface. The module is field located per the customer's request on the front, user side of the worksurface and can deviate from guideline chart shown below.
- Reference the same chart for laying out the Snap-In RPT module (furniture power distribution unit) for Pattern with attachment bracket under the worksurface. The bracket is field located per the customer's request and bracket location can deviate from guideline chart shown below.
- Wood leg desk units can only use power modules for Pattern or hardwire (Chicago) not 10-wire. Wood leg dual-sided (steel & wood leg frames) and conference units can use 10-wire, power modules for Pattern or hardwire (Chicago).



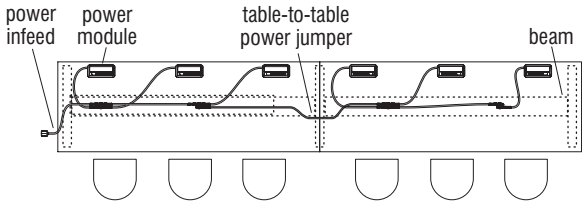
24”-54” Long Worksurfaces

- Worksurfaces 24” - 54” long with one module per unit require a 53” jumper.



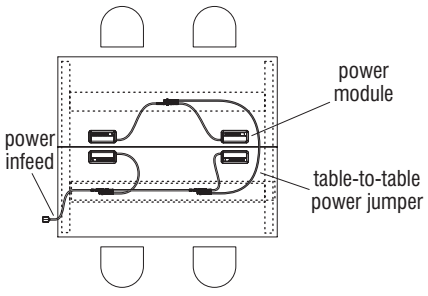
60”-72” Long Worksurfaces

- Worksurfaces 60” - 72” long require a 75" jumper.



75”-96” Long Worksurfaces

- Worksurfaces 75” - 96” long require a 101” jumper.



Dual-Sided Worksurfaces

- Dual worksurfaces 24” - 54” long require a 53” jumper.
- Dual worksurfaces 60” - 72” long require a 75" jumper.
- Dual worksurfaces 75” - 96” long require a 101” jumper.

Pattern Electrical (cont.) (Steel Frames)

- Pattern Infeed is 9' (108") in total length and can be routed through the base wire enclosure if desired. See Figures 1 & 2 as an example to determine length of infeed that exits the base wire enclosure.
- The infeed is 108" long. Subtract the distance from the end of the worksurface to the center of the cutout (36" in Figure 1) and subtract the height to the beam (24" in Figure 2).

  108" – (36" + 24") = 48"

  So the remaining length of the infeed cord exiting the base wire enclosure will be 4' (48").
- Jumpers and infeed are routed through the beam on single-sided row layouts (Detail A).
- Jumpers and infeed are laid within the cable tray on dual-sided row layouts.
- If electrical needs dictate a single circuit 110v infeed (15 AMP) and worksurface modules are not required, specify Snap-In RPT module (furniture power distribution unit) for Pattern for use under the worksurface (Figure 2). **Note:** Modesty panel was removed to show Pattern electrical routing and models. Modesty panel normally conceals these components.

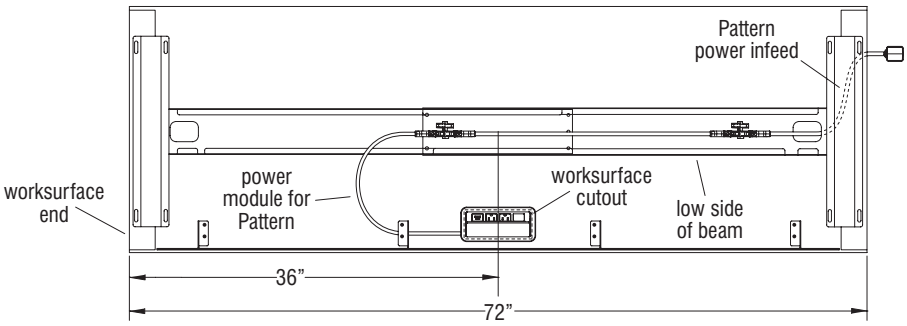
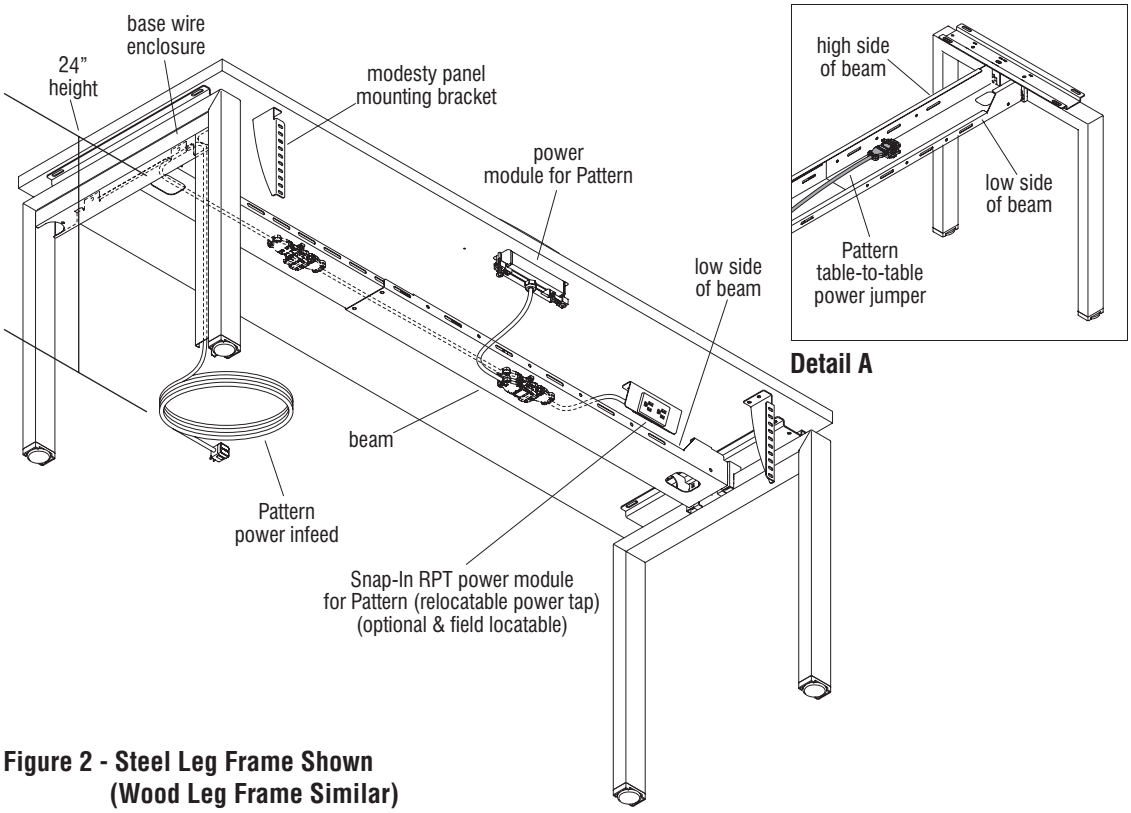


Figure 1



Detail A

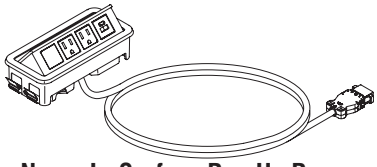
Figure 2 - Steel Leg Frame Shown (Wood Leg Frame Similar)

Power Modules for Pattern (Steel & Wood Leg Frames)

Planning Guidelines

Nacre In-Surface Pop-Up Power Module for Pattern:

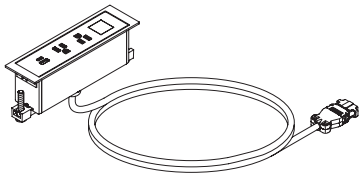
- Nacre power modules for Pattern are placed in 3" x 6.94" worksurface cutouts.
- Includes two power outlets, one dual USB A + C port and one opening for a customer supplied data jack per module.
- Modules come standard with a 40" cord with Pattern connector.
- The total number of distribution bocks per power infeed shall not exceed ten under any configuration.
- The total length of jumpers (exclusive of the power infeed unit) is not to exceed 600" (50') from the white distribution block in either direction.



Nacre In-Surface Pop-Up Power Module for Pattern

Dean In-Surface Power Module for Pattern:

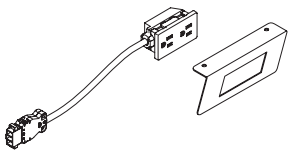
- Dean in-surface power modules for Pattern are placed in 1.94" x 8.3" worksurface cutouts.
- Includes two power outlets, one dual USB A + C port and one opening for a customer supplied data jack per module.
- Modules come standard with a 40" cord with Pattern connector.
- The total number of distribution blocks per power infeed shall not exceed ten under any configuration.
- The total length of jumpers (exclusive of the power infeed unit) is not to exceed 600" (50') from the infeed distribution block in either direction.



Dean In-Surface Power Module for Pattern

Snap-In RPT Module for Pattern with RPT Bracket:

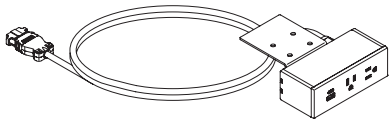
- Snap-In RPT modules for Pattern are placed in RPT brackets which are mounted to the underside of a worksurface.
- A RPT bracket is provided with every RPT Module. If communication connectors are needed to connect data cables, a Data Bracket must be ordered separately.
- Includes two AC power outlets.
- Modules come standard with a 40" cord with Pattern connector.
- The total number of distribution blocks per power infeed shall not exceed ten under any configuration.
- The total length of jumpers (exclusive of the power infeed unit) is not to exceed 600" (50') from the white distribution block in either direction.



Snap-In RPT Module for Pattern with Snap-In RPT Bracket

Dean Undersurface Power Module for Pattern:

- Dean Undersurface power module for Pattern is mounted to the underside of the worksurface at the front, user side.
- Includes two AC power outlets and one dual USB A + C port.
- Modules come standard with a 40" cord with Pattern connector.
- The total number of distribution blocks per power infeed shall not exceed ten under any configuration.
- The total length of jumpers (exclusive of the power infeed unit) is not to exceed 600" (50') from the white distribution block in either direction.



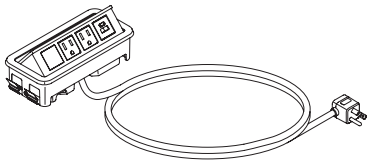
Dean Undersurface Power Module for Pattern

Power Modules with 3-Prong Plug (Steel & Wood Leg Frames)

Planning Guidelines

Nacre In-Surface Pop-Up Power Module with 3-Prong Plug:

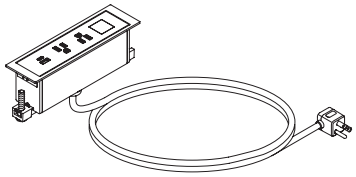
- Nacre power modules with 3-prong plug are placed in 3" x 6.94" worksurface cutouts.
- Includes two power outlets, one dual USB A+C port, and one opening for a customer supplied data jacks per module.
- The 90 degree 3-prong plug module is available with 22", 108" or 180" long power cord.
- Modules with 3-prong plugs are not intended to be series connected (daisy chained) to each other, plugged into extension cords or power strips.



Nacre In-Surface Pop-Up Power Module with 3-Prong Plug

Dean In-Surface Power Module with 3-Prong Plug:

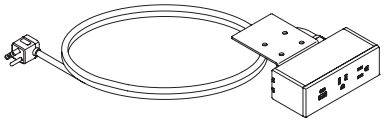
- Dean power modules with 3-prong plug are placed in 1.94" x 8.3" worksurface cutouts.
- Includes two power outlets, one dual USB A+C port, and one opening for a customer supplied data jack per module.
- The 90 degree 3-prong plug module is available with 108" or 180" long power cord.
- Modules with 3-prong plugs are not intended to be series connected (daisy chained) to each other, plugged into extension cords or power strips.



Dean In-Surface Power Module with 3-Prong Plug

Dean Undersurface Power Module with 3-Prong Plug:

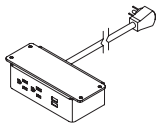
- Dean Undersurface power module with 3-prong plug is mounted to the underside of the worksurface at the front, user side.
- Includes two AC power outlets and one dual USB A+C charging port.
- The 90 degree 3-prong plug module is available with 36", 96" or 180" long power cord.
- Modules with 3-prong plugs are not intended to be series connected (daisy chained) to each other, plugged into extension cords or power strips.



Dean Undersurface Power Module with 3-Prong Plug

Ashley® Duo Under Power Module with 3-Prong Plug:

- Ashley® Duo Under power module with 3-prong plug is mounted to the underside of the worksurface at the front, user side.
- Includes two AC outlets and two USB charging ports.
- The 90 degree 3-prong plug module is available with 36", 96" or 180" long power cord.
- Module with 3-prong plug is not intended to be series connected (daisy chained) to each other, plugged into extension cords or power strips.



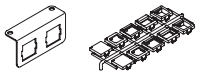
Ashley Duo Under Power Module with 3-Prong Plug

Power Modules with 3-Prong Plug (Steel & Wood Leg Frames)

Planning Guidelines

Data Bracket with Data Adapter Plates:

- If communication connectors are needed to connect data cables, a Data Bracket must be ordered separately.
- Data brackets provide two holes for data adapter plates.



Data Bracket with Data Adapter Plates

PRIVACY & DIVIDER SCREENS (Steel & Dual-Sided Wood Leg Frames)

Product Overview

Privacy and Divider Screens: Constructed with an aluminum frame that provides superior strength and can be powder-coat painted in colors to match worksurface frame or painted in accent colors. The standard top rail provides a single slot that allows the user to mount paper management or an optional tool rail version containing three slots that provide additional options.

Core Options: Material choices are acrylic, markerboard and tackable fabric.

Height: 13" and 19" screens are offered in tackable fabric, markerboard, and acrylic core options. 31" screens are offered in tackable fabric only and in limited widths.

Widths: A single screen per worksurface with no intersection is available in 24" through 78" widths in 6" increments. Screens with one intersection (two panels) per worksurface are available in 60", 64, 72", 84", 90", and 96" widths. Screens with two intersections (three panels) per worksurface are available in 90" and 96" widths only.

Privacy Screens: Located flush with the bottom of the worksurfaces and run parallel with the support beam. On single row units, mounting brackets are attached directly to the bottom of the worksurfaces. On dual row units, mounting brackets are attached to the support frames. **Therefore, the privacy screen width MUST match the frame width.**

Divider Screens: Located on top of the surface and run perpendicular to privacy screens. Divider screens attach to the privacy screens on one end and are supported by worksurface attachment brackets on the other end.

Freestanding Divider Screens: Located on top of the worksurface and run perpendicular to the back edge. Divider screens attach to a worksurface with brackets on both ends.

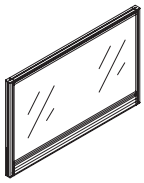
Note: Due to mounting styles, privacy screens are actually 1.46" taller than divider screens. It is critical that screens are specified in the correct location.

Note: Privacy and divider screens not available on café height teaming, wood leg desks or conference tables.

Privacy Screens

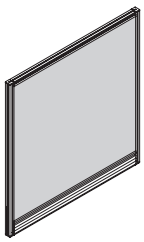
The Figures below show variations for each type of standard privacy screen.

Acrylic, Markerboard and Tackable Fabric Privacy Screen

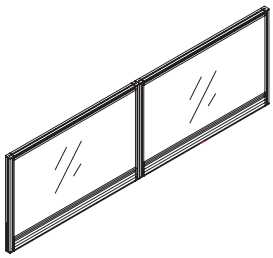


13" & 19" H x 24"-78" W
Single Privacy Screen

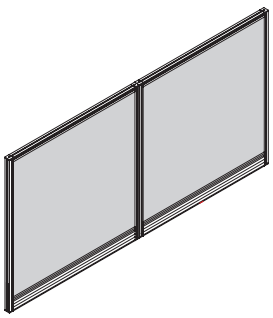
Tackable Fabric Privacy Screen



31" H x 30", 36", 42" & 48" W
Single Privacy Screen

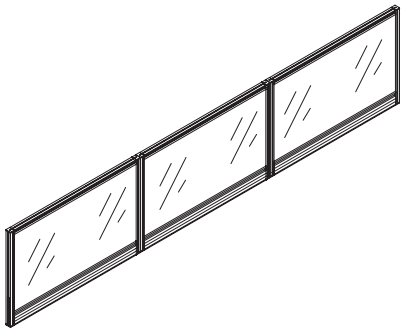


13" & 19" H x 60", 64", 72", 84", 90" & 96" W
Privacy Screen with Center Intersection

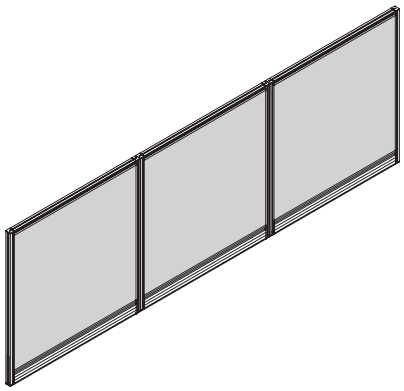


31" H x 60", 64", 72", 84", 90" & 96" W
Privacy Screen with Center Intersection

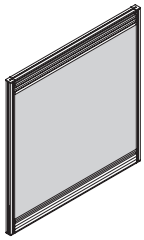
Privacy Screens (cont.)



13” & 19” H x 90” & 96” W
Privacy Screen with Two Intersections



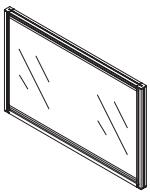
31” H x 90” & 96” W
Privacy Screen with Two Intersections



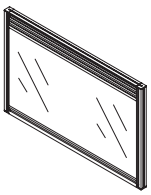
No Intersection: 13”, 19” & 31” H x 30”, 36”, 42” & 48” W
Center Intersection: 13”, 19” & 31” H x 60”, 64”, 72”, 84”, 90” & 96” W
Two Intersections: 13”, 19” & 31” H x 90” & 96” W
Privacy Screen with Tool Rail

Divider Screen

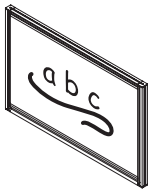
The Figures below show variations for each type of divider screen.



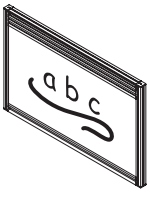
13” & 19” H x 24”-72” W
Acrylic



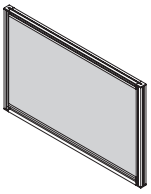
13” & 19” H x 24”-72” W
Acrylic with Tool Rail



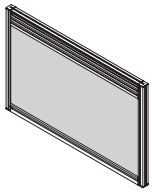
13” & 19” H x 24”-72” W
Markerboard



13” & 19” H x 24”-72” W
Markerboard with Tool Rail



13”, 19” & 31” H x 24”-72” W
Tackable Fabric
Note: 31” height is only offered with 24” & 30” widths.



13”, 19” & 31” H x 24”-72” W
Tackable Fabric with Tool Rail
Note: 31” height is only offered with 24” & 30” widths.

Single-Sided Privacy & Divider Screens (Steel & Rectilinear Wood Leg Frames)

Planning Guidelines

Privacy Screens

- On single-sided units, the mounting brackets attach to bottom of the worksurface. On single-sided units using only rectilinear worksurfaces, the privacy screens model number lengths should match the worksurface widths (Figure 2a & 2b). The option code must match "frame type" (S- for single) and the location the screen is located (i.e. starter or adder). Each row must have only one starter model number and the remaining model numbers should all be "adders".

  SST – Single Starter
  SAD – Single Adder

- If divider screens are required to divide individual worksurfaces, then privacy screens with multiple panels are required (model numbers ending in the numbers 2 or 3). These will allow attachment of divider screen(s) at equal spaces when paired with like sized worksurfaces (Figure 1).

- On single-sided units using perpendicular worksurfaces, privacy screen seams will not necessarily line up with the worksurface seams (Figure 2a), but can be specified to align with worksurface seams (Figure 2b).

- In some layouts, privacy screens could actually bridge a frame supported worksurface seam (Figure 3) (unique to single row units because the brackets attach to the underside of the worksurface).

- The accumulative length of privacy screens must match that of the row of worksurfaces that they are mounted to, and have seams where "middle" divider screens are located if needed.

Fixed Freestanding Divider Screens

- When only divider screens are required, use the following option codes.

  FFL – Fixed Freestanding Left End
  FFM – Fixed Freestanding Middle
  FFR – Fixed Freestanding Right End

  Worksurface Edge Type
  74P – 2mm Flat
  KN – Knife Edge

- Freestanding divider brackets attach to the worksurface on both ends (see page 59 for visual).

Divider Screens with Privacy Screens

- Divider screens on single-sided units available as fixed only items.

- When divider screens are to be used with privacy screens, use the following option codes.

  FLE – Fixed Left End
  FMI – Fixed Middle
  FRE – Fixed Right End

  Worksurface Edge Type
  74P – 2mm Flat
  KN – Knife Edge

- All end divider screens attach to the vertical end post of the privacy screens.

- Middle divider screens attach to a pair of vertical privacy screen posts at the intersection of two privacy screens.

Dividers Screens on Perpendicular Worksurfaces

- The (60"-78") single uninterrupted divider screens (See specific model numbers in price list) attach to the vertical end post(s) of the privacy screens in the same fashion as the 24" & 30" standard divider screens.

- Length must match full distance from back of beam supported worksurface to outer most of perpendicular worksurface (Figure 2a & 2b) (See specific model numbers in price list).

- The Price List options in "How to build a model number" determine the bracket type so that it correlates with the location for the screen to be installed.

- Length must match full distance from back of beam supported worksurface to outer most of return worksurface (Figure 2c) (See specific model numbers in price list).

  FLE – Fixed Left End FMI – Fixed Middle FRE – Fixed Right End

Single-Sided Privacy & Divider Screens (Steel & Rectilinear Wood Leg Frames) (cont.)

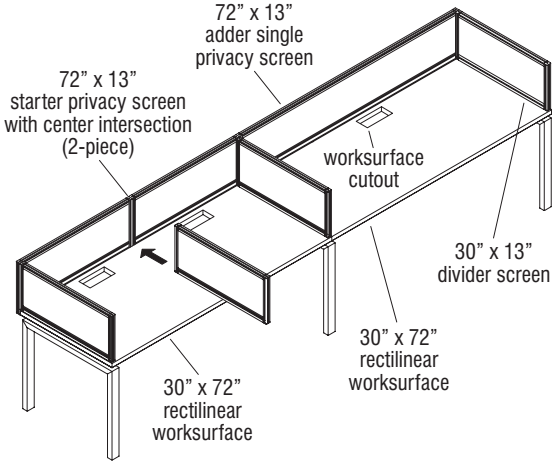


Figure 1

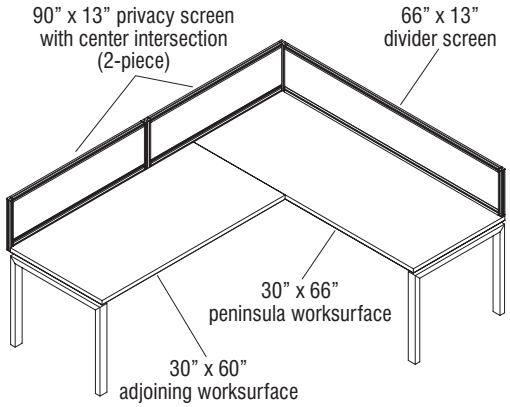


Figure 2a

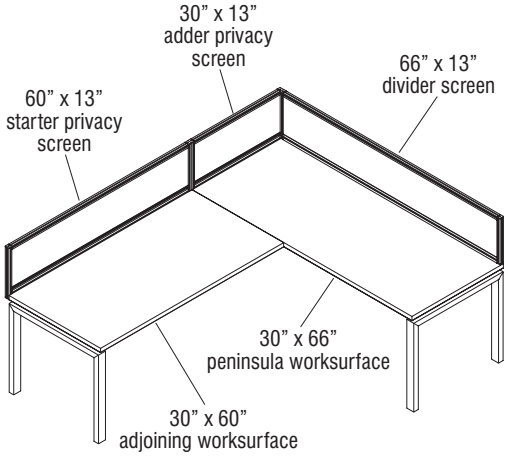


Figure 2b

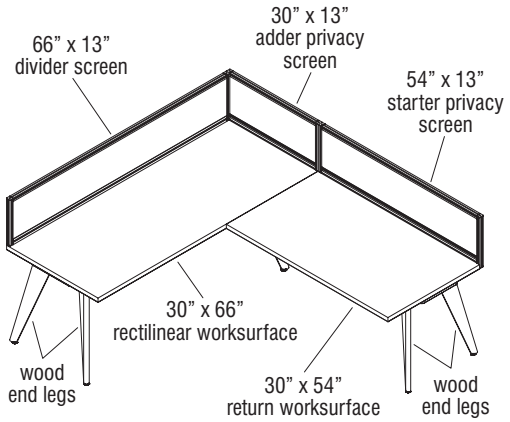


Figure 2c

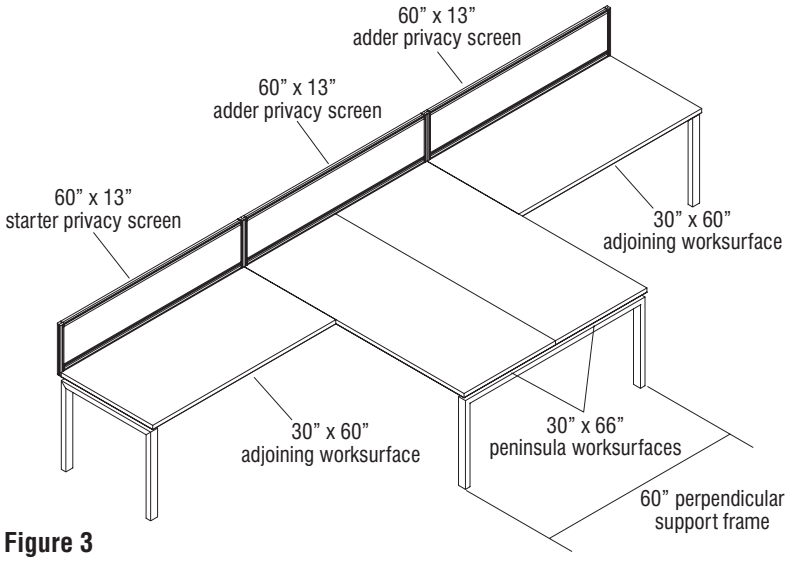


Figure 3

Dual-Sided Privacy & Divider Screens (Steel & Wood Leg Frames)

Planning Guidelines

Privacy Screens

- On dual-sided units, the mounting brackets attach to frame supports (Figure 4).
- On dual-sided units, privacy screen model number overall length must match the frame spacing.
- On dual-sided units using only rectilinear worksurfaces, the privacy screens model number lengths should match the worksurface widths. The option code needs to match the "frame type" (D- for dual) and the location the screen is located (i.e. starter or adder). Each row should have only one starter model number and the remaining model numbers should all be "adders".

  DST – Dual Starter
  DAD – Dual Adder

- On dual-sided units with perpendicular worksurfaces, the intersections in the privacy screens do not need to match the intersections in the worksurfaces. They need to match the frame spacing though. (Figure 4) (unique to dual-sided units because the support brackets attach to the frame supports. This design allows for the sliding top option).
- If dividers screens are required to divide individual worksurfaces, then privacy screens with multiple panels are required (model numbers ending in the numbers 2 or 3). These will allow attachment of divider screen(s) at equal spaces when paired with like sized worksurfaces (Figure 4).
- The accumulative length of privacy screens must match that of the row of worksurfaces that they are mounted to, and have seams where "middle" dividers are located, if needed.
- Privacy screens are not available to be used on the ends of perpendicular worksurfaces (Figure 4).

Divider Screens

- Divider screens on dual-sided units are available as fixed or sliding items.
- The Price List options in "How to build a model number" determine the bracket type, so that it correlates with the worksurface type (fixed or sliding) and location (left, middle & right) for the screen to be installed.

  FLE – Fixed Left End
  FMI – Fixed Middle
  FRE – Fixed Right End
  SLE – Sliding Left End
  SMI – Sliding Middle
  SRE – Sliding Right End

  Worksurface Edge Type
  74P – 2mm Flat
  KN – Knife Edge

- For divider screens to assemble, the unit must also have privacy screens specified.
- All end divider screens attach to the vertical end post of the privacy screens and are located flush with the edge of the worksurface.
- Middle divider screens attach to a pair of vertical privacy screen posts at the intersection of two privacy screens with molded plastic clips.

Dividers Screens on Perpendicular Worksurfaces

- The (60"-78") single uninterrupted divider screens (See specific model numbers in price list) attach to the vertical end post(s) of the privacy screens in the same fashion as the 24" & 30" standard divider screens.
- Length must match full distance from back of beam supported worksurface to outer-most end of perpendicular worksurface (Figure 4) (See specific model numbers in price list).
- Back-to-back worksurfaces are required with a privacy screen when a return worksurface with a divider screen will be attached. On a return worksurface, the divider screen will attach perpendicular to the privacy screen and rest on top of one back-to-back worksurface and return worksurface (Figure 5).
- The Price List options in "How to build a model number" determine the bracket type to assure that it correlates with the location of the screen to be installed.

FLE – Fixed Left End FMI – Fixed Middle FRE – Fixed Right End

Dual-Sided Privacy & Divider Screens (Steel & Wood Leg Frames)(cont.)

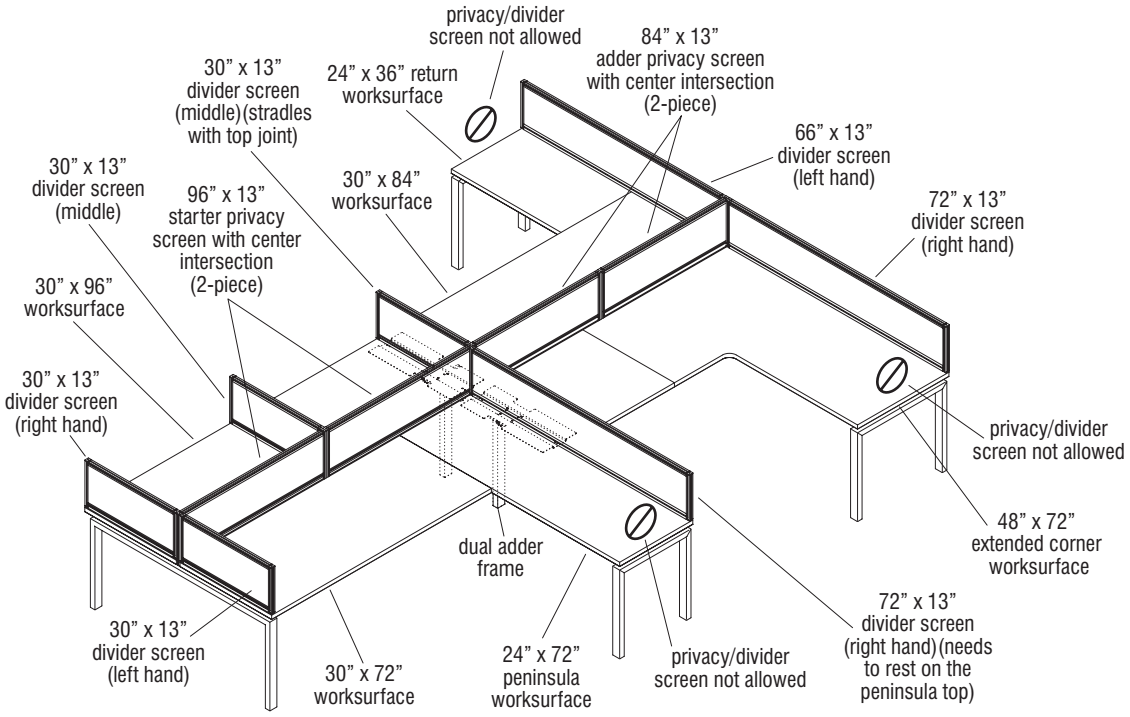


Figure 4

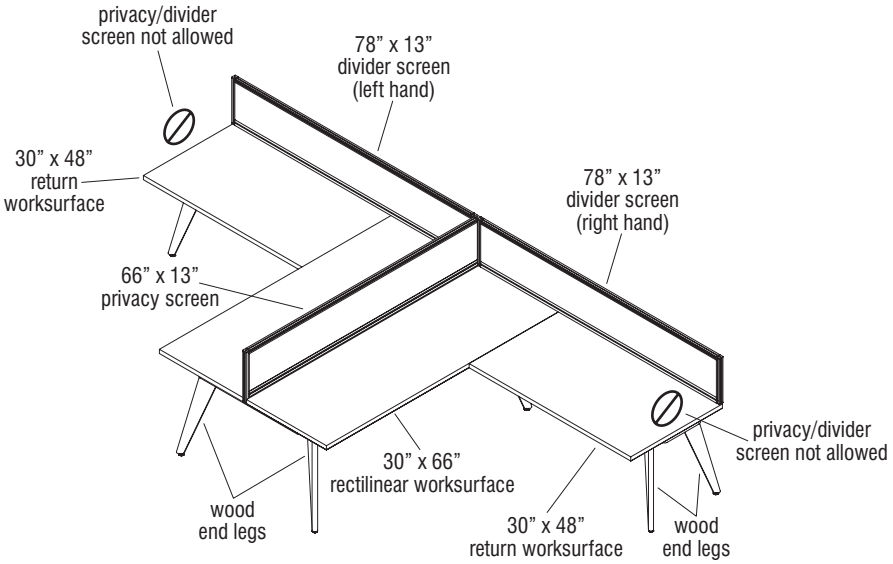


Figure 5

FRAMELESS PRIVACY SCREENS (Dual-Sided Steel & Wood Leg Frames)

Product Overview

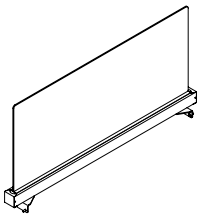
Frameless Privacy Screen: Constructed with an aluminum work rail that is flush with the top of the worksurface and attaches to the support frames on dual-sided units only. Frameless privacy screens are a standalone product and divider screens cannot be attached to them. Comes in standard KI powder-coat colors.

Core options: Material choices are acrylic and glass.

Height: 13” and 19”.

Widths: 36"-96" in 6" increments (64" also available).

Note: Units are to be specified with rail supported electrical.



13" & 19" H x 36"-96" W (64" also available)
Frameless Privacy Screen

Planning Guidelines

Frameless Privacy Screens

- For use on dual-sided steel & wood leg units only, mounting brackets attach to support frames.
- Mounts to both dual-sided starter and adder models.
- For use with center work rail electrical models.
- The privacy screen width must match the installed width of the dual frame.

SUPPORTING PRIVACY SCREENS & CENTER STORAGE (Steel Leg Frames)

Product Overview

Supporting Privacy Screen: Constructed with an aluminum bottom work rail that is flush with the top of the worksurface and attaches to the dual-sided support frames only. Vertical aluminum posts and a single top rail encloses insert panels. Works with 13" & 19" divider screens and storage units which are ordered separately.

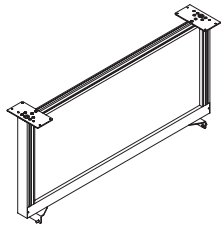
Core options: Material choices are steel markerboard, acrylic and tackable upholstered.

Height: 19" only.

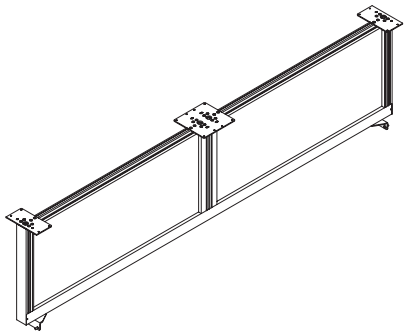
Widths: Supporting privacy screens span the distance between dual-sided support frames. Models with one insert section which support one storage item are available in 36", 42", 48", 54", 60" & 72". Models with two inserts which support two separate storage items are available in 60", 72", 84" and 96".

Note: Units are to be specified with work rail supported electrical.

Supporting Privacy Screens



19" H x 36", 42", 48", 54", 60" & 72" W
Single Overhead Supporting Privacy Screen



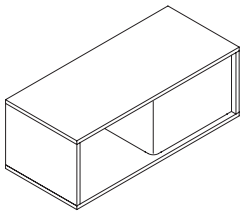
19" H x 36", 60, 72", 84" & 96" W
Double Overhead Supporting Privacy Screen

Center Storage

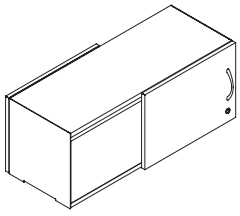
Laminate Shelf: Laminated 3/4" particle board that measures 15 3/4" deep by 36", 42", 48", 54", 60", 72", 84" & 96" in width. Surface finishes and 73P edge options are the same as for worksurfaces.

Laminate Storage Cubby with Steel Partition: Four sided laminate enclosure with steel inner panel that creates back panels and divides unit width in half. Units measure 15 3/4" deep by 13 3/16" tall by 36", 42", 48", 54", 60" & 72" in width. Surface finishes and 73P edge options are the same as for worksurfaces. Painted steel partition is available in KI standard powder-coat colors.

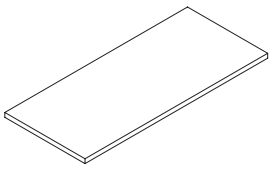
Steel Storage Cubby with Sliding Doors: Units measure 13 1/2" deep by 14 1/4" tall by 36", 42", 48", 54", 60" & 72" in width. Open area is half the overall unit width on each side. Shell and door finish color chosen separately. Powder-coat finishes are in standard KI colors. Double bit lock is included and key alike is available.



15 3/4" D x 13 3/16" T x 36", 42", 48", 54", 60" & 72" W
Laminate Storage Cubby with Steel Partition



13 1/2" D x 14 1/4" T x 36", 42", 48", 54", 60" & 72" W
Steel Storage Cubby with Sliding Doors



15 3/4" D x 36", 42", 48", 54", 60", 72", 84" & 96" W
Laminate Shelf

Supporting Privacy Screens & Center Storage (Dual-Sided Steel Leg Frames)

Planning Guidelines

Supporting Privacy Screens

- For use on dual-sided units only, mounting brackets attach to support frames.
- Mounts to both dual-sided starter and adder models.
- Can be used with center work rail electrical models.
- The screens width must match the installed width of the dual-sided frame (Figure 1).
- If divider screens are required to divide individual worksurfaces, supporting privacy screens need to match the space requirements as the divider screens attach to the vertical posts (Figure 1).
- Storage items are ordered separately and must match the overall length of a single insert unit and half the overall length of a double insert unit (Figure 1).
- 6" gap between bottom of storage unit and top of 13" divider screen (Figure 2)
- **Note:** Units are to be specified with work rail supported electrical.

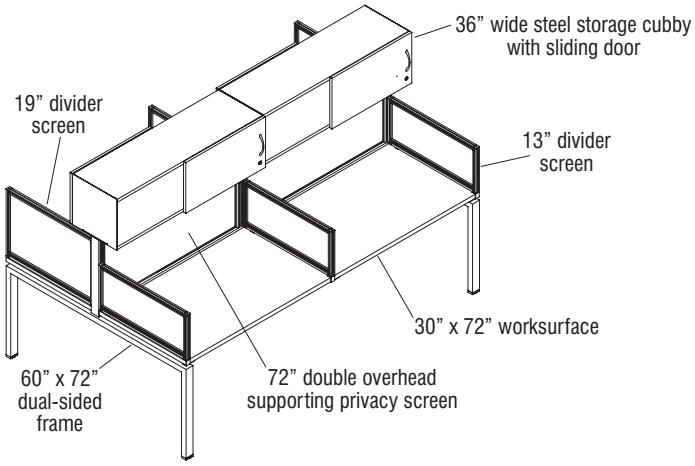


Figure 1

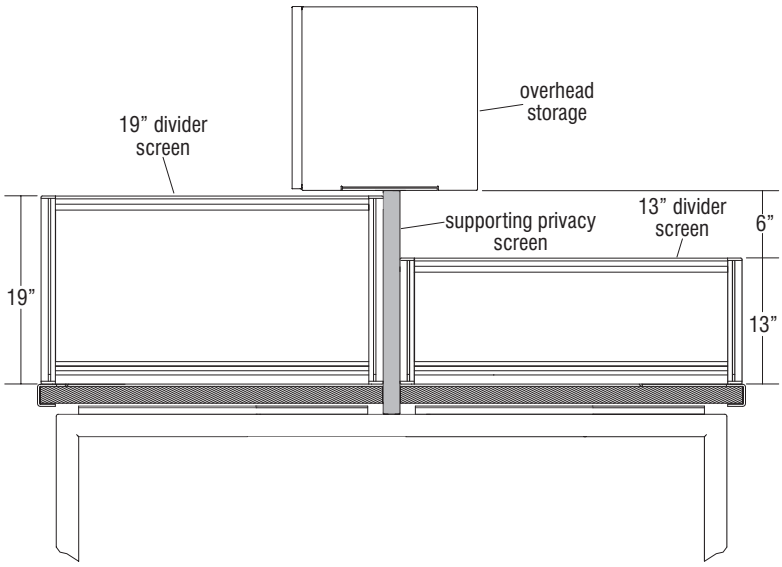
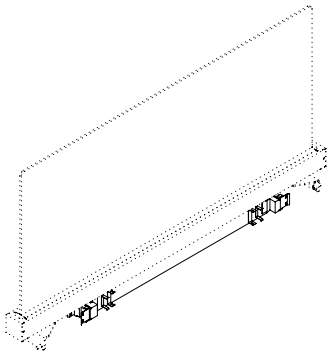


Figure 2

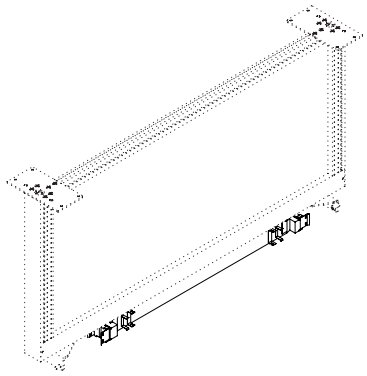
CENTER WORK RAIL ELECTRICAL

Product Overview

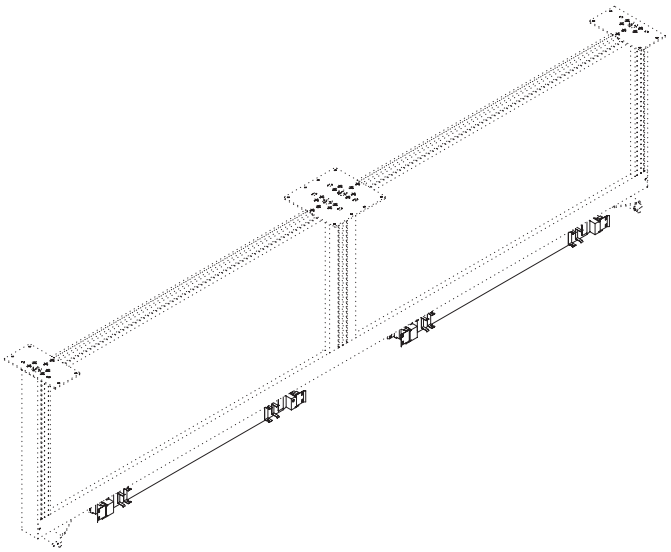
Center Work Rail Electrical: Models consist of the standard 10-wire 6-2-2 rigid wireways, but use different mounting brackets that **ONLY** mount to frameless privacy and supporting privacy screens. Center work rail 10-Wire can only be used on **Dual-Sided Units**. Single rigid wireways are available for 36", 42", 48", 54", 60" & 72" lengths. Double rigid wireways are available for 60", 64" 66", 72", 78", 84" 90" & 96" lengths. Standard infeeds, jumpers and receptacles are ordered separately. Rigid wireways are ordered and shipped separately. Electrical components will be assembled to the rail during the installation process.



13" & 19" H x 36", 42", 48", 54", 60" & 72" W
Center Work Rail Electrical shown mounted to Frameless Privacy Screen (Steel & Wood Leg Frames)



19" H x 36", 42", 48", 54", 60" & 72" W
Center Work Rail Electrical shown mounted to Single Overhead Supporting Privacy Screen (Steel Leg Frames)



19" H x 36", 60", 72", 84" & 96" W
Center Work Rail Electrical shown mounted to Double Overhead Supporting Privacy Screen (Steel Leg Frames)

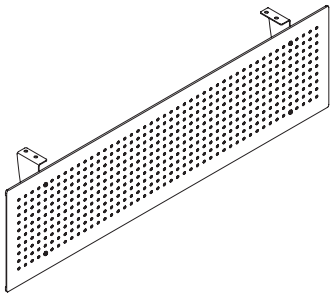
29" HEIGHT MODESTY PANELS (Steel Leg Frames & Wood Leg Returns)

Product Overview

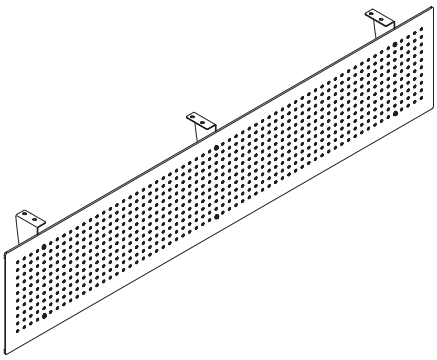
Modesty panels are designed for use on single-sided rows to provide concealment and enclose the rigid wireway compartment, and for concealment on perpendicular worksurfaces. Constructed of 14-gauge steel with 1/4" diameter holes on 3/4" centers, these 10" tall panels are available in standard powder-coat colors. Each panel is supported by a single right-hand bracket and one or more left-hand bracket(s) as needed by length.

Note: Modesty panels are always specified separately on 29" high units.

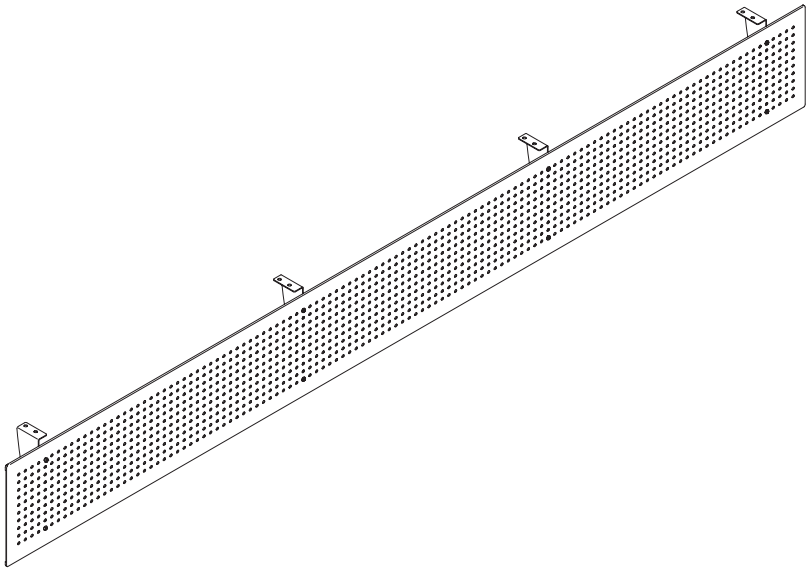
The figures below show variations for each type of modesty panel combination.



24"-42" Wide Modesty Panel (requires two brackets)



48"-54" Wide Modesty Panel (requires three brackets)



60"-96" Wide Modesty Panel (requires four brackets)

29" Height Modesty Panels (Steel Leg Frames)

Planning Guidelines

- Modesty panels conceal electrical and beams on single row units that are not located against a wall, therefore modesty panels are always recommended in those scenarios.
- Modesty panels are specified separately on all 29" high units.
- Modesty panels are centered on worksurfaces. The gap between panel edge and leg will vary depending on leg location.
- The modesty panel, fills the area between these worksurface support frames whether the frame is a starter or an adder (Figure 1).
- Modesty panels may span the full distance between support frames when using two worksurfaces (i.e. an adjoining worksurface and either an extended corner or peninsula on a single unit row) (Figure 2).
- Modesty panels may be used on return worksurfaces, and on the portion of extended corners and peninsula worksurfaces that extend past the depth of the main beam supported tops. They may not be used on the ends of frame supported worksurfaces (Figure 2).
- If a modesty panel is required that extends along the entire outside edge of the extended corner worksurface, a product modification request will be required.

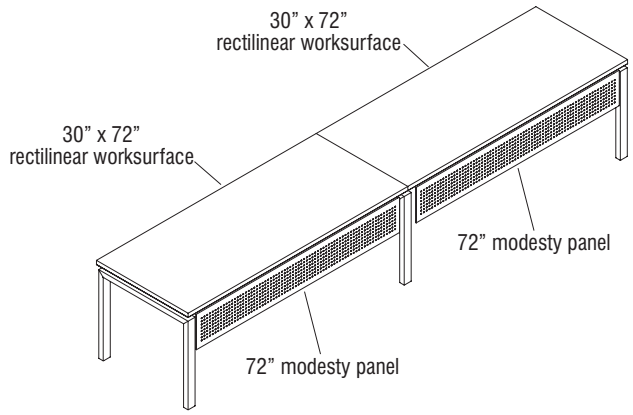


Figure 1

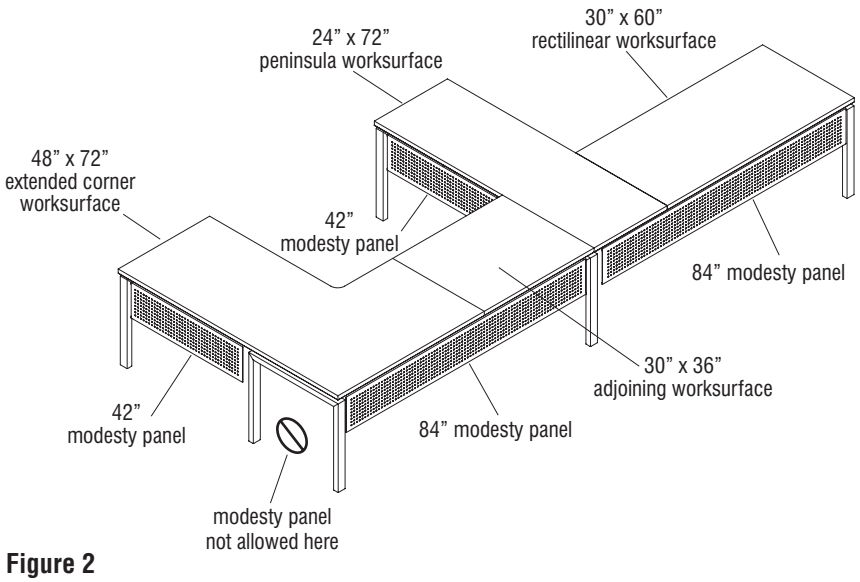


Figure 2

29" HEIGHT STORAGE

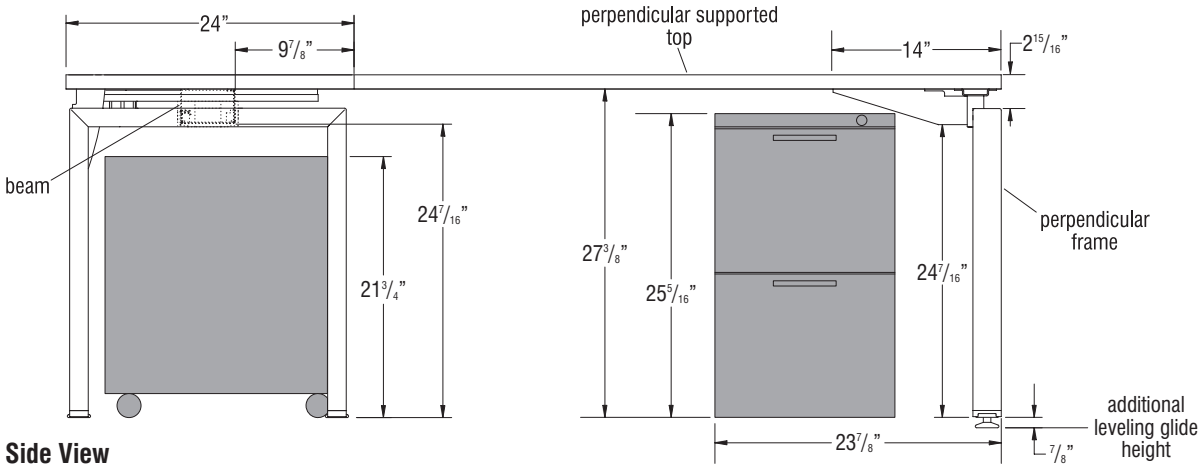
Product Overview

Dimensioned figures below show the minimum standard clearances for storage units.

29" Height Single-Sided Frames (Steel & Wood Leg Frames)

Planning Guidelines

- Distance from the underside of the beam to the floor is 24.45" (Figure 1).
- Distance from underside of perpendicular supported tops is 27.36", decreasing the last 14" (Figure 1, side view).
- An additional .87" of height is available with the glide fully extended (Figure 1, side view).



Side View

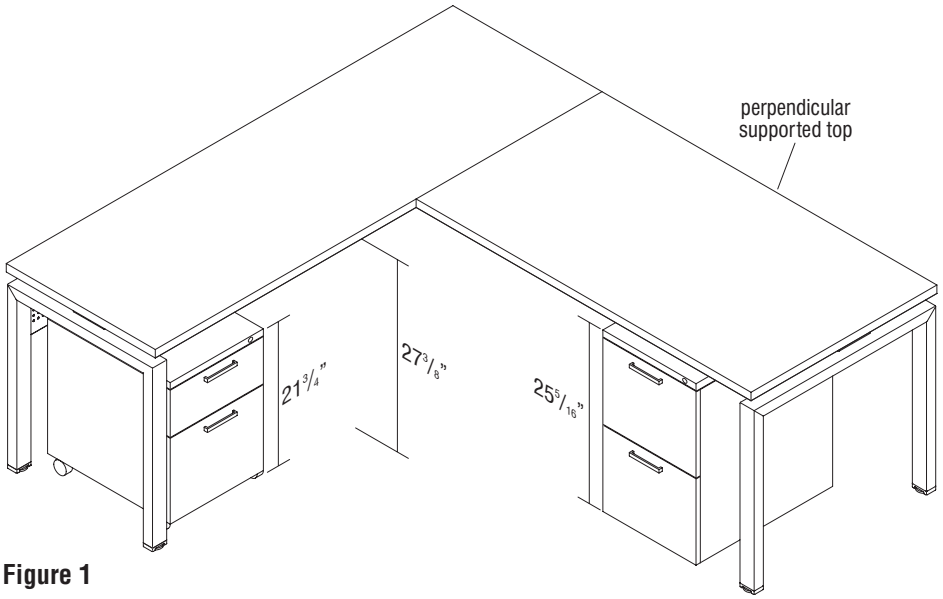


Figure 1

29" Height Single-Sided Frames (Steel & Wood Leg Frames)(cont.)

Product Overview

Dimensioned figures below show the minimum standard clearances for storage units.

Planning Guidelines

- Distance from the underside of the beam to the floor is 25.73" (Figure 2).
- Distance from underside of perpendicular supported tops is 28.68", decreasing the last 14" (Figure 2, wood leg return - side view).
- An additional .87" of height is available with the glide fully extended (Figure 2, wood leg return - side view).

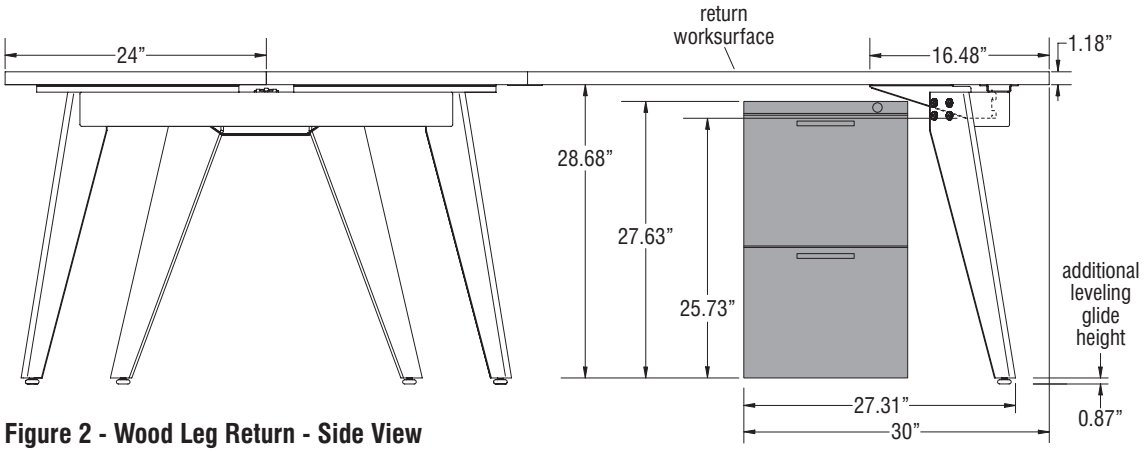


Figure 2 - Wood Leg Return - Side View

29" Height Dual-Sided Frames (Steel & Wood Leg Frames)

Planning Guidelines

- Distance from the underside of the beam to the floor is 24.45" (Figure 3).
- Distance from underside of worksurface is 27.36", decreasing the last 6.31" (Figure 3).
- An additional .87" of height is available with the glide fully extended (Figure 3).

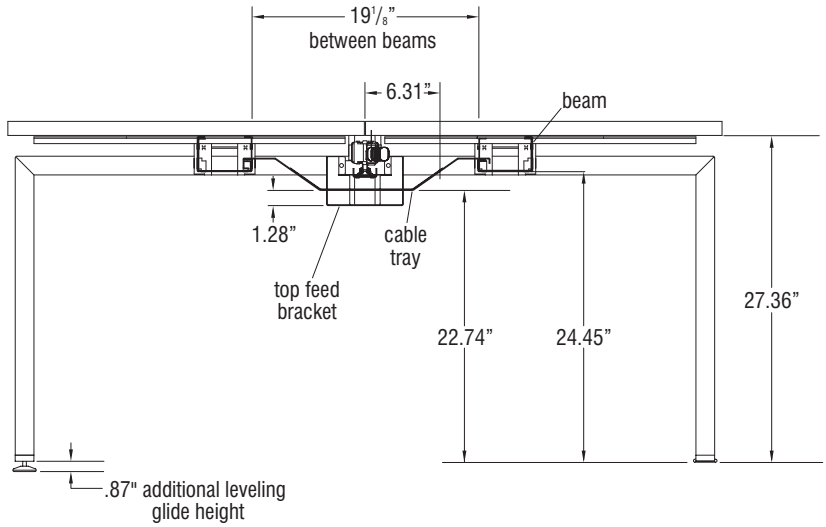
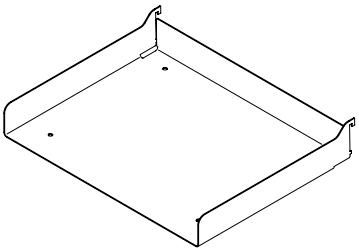


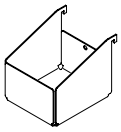
Figure 3 - Side View

29" HEIGHT ACCESSORIES - TOOL RAIL (Steel & Wood Leg Frames)

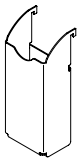
Product Overview



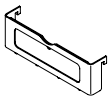
Letter Holder
-Steel construction
-Accepts "letter" sized papers ($8^1/_2$" x 11")
-Suspends from screen top rail or tool rail



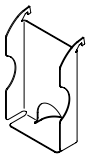
Box
-Steel construction
-Suspends from screen top rail or tool rail



Pencil Holder
-Steel construction
-Suspends from screen top rail or tool rail



Name Plate
-Steel construction
-Suspends from screen top rail or tool rail
-Area for name is approximately $^3/_8$ x $3^3/_8$"

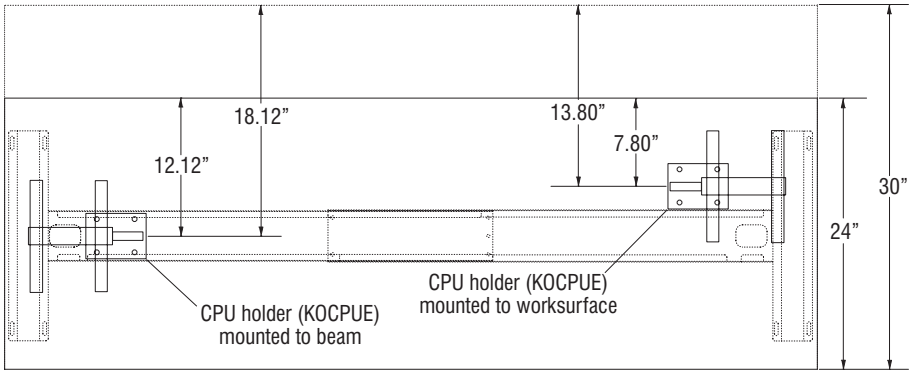


Cell Phone Holder
-Steel construction
-Suspends from screen top rail or tool rail
-Lower edge is extended to allow for angled placement

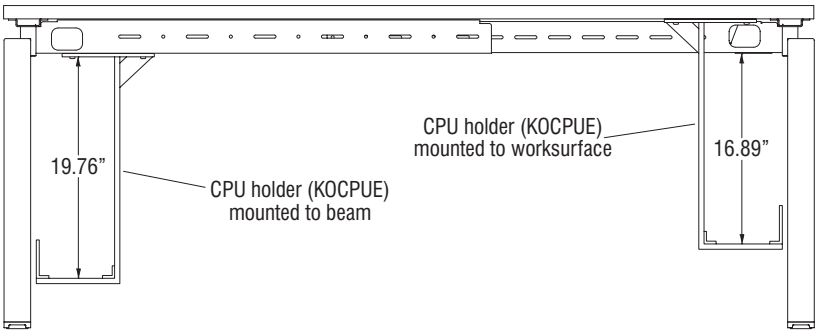
29" HEIGHT ACCESSORIES - CPU HOLDER (Steel & Wood Leg Frames)

Product Overview

Figure 1 below shows the CPU holder (KOCPUE) mounted to both the worksurface and the telescoping beam on a single-sided unit. The CPU holder is field located and installed. No pre-drilled holes are provided.



Top View



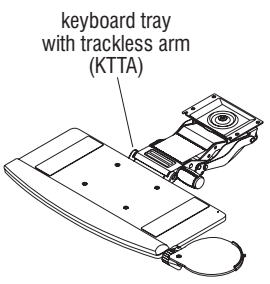
Front View

Figure 1

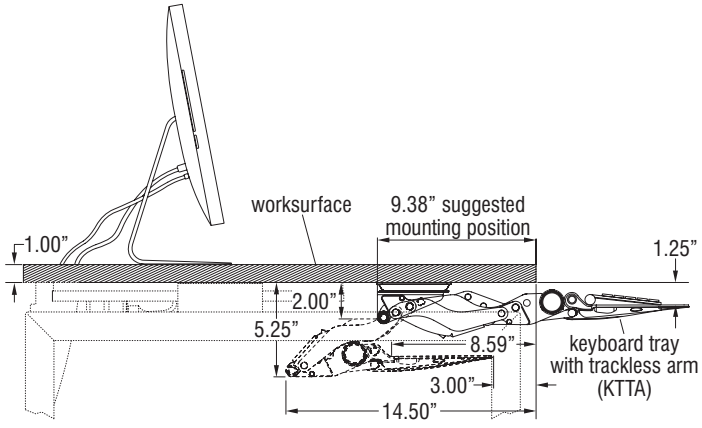
29" HEIGHT ACCESSORIES - KEYBOARD TRAY WITH TRACKLESS ARM (Steel & Wood Leg Frames)

Product Overview

Figure 2 below shows the keyboard tray with trackless arm mounted to the underside of the 30" deep worksurface on a single-sided unit. The keyboard tray with trackless arm is field located and installed. No pre-drilled holes are provided. **Note:** Keyboard trays are recommend for use on 30" deep single- and dual-sided worksurfaces. Keyboard trays are not recommended for use on 24" deep single- and dual-sided worksurfaces with a frame as the keyboard tray with trackless arm will not fully store beneath the top due to beam interference.



ISO View



Side View

Figure 2

29" HEIGHT ACCESSORIES - MONITOR ARM (Steel & Wood Leg Frames)

Product Overview

One option is available to mount the pole assembly if a hole is drilled through the worksurface. Figures 1, 2 & 3 below show the possible orientations if the upper clamp bracket is mounted under the worksurface.

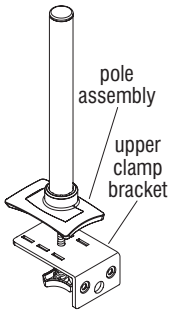


Figure 1

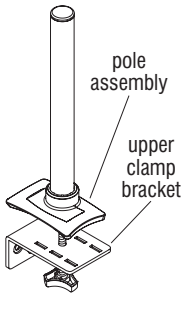


Figure 2

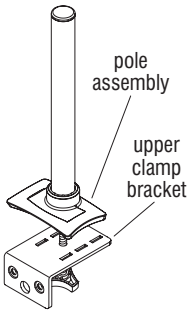


Figure 3

Planning Guidelines

- The monitor arm is field located and installed. No pre-drilled holes are provided. Upper clamp bracket is used as a template to determine the drilling/mounting location of the pole assembly.
- The upper clamp bracket can be oriented side-to-side with the flange facing the left or right table edges (Figure 1 & 2 above) or front-to-back (Figure 3 above) with the flange only able to face the user side. If 10-wire electrical is present, the end of the bracket without the flange can slide above the wireway into mounting position as long as it does not interfere with the electrical system.
- The mounting hole of the upper clamp bracket must be a minimum of 3" away from the worksurface cutout edge and a minimum of $2^1/_2$" from the non-user edge of the worksurface.

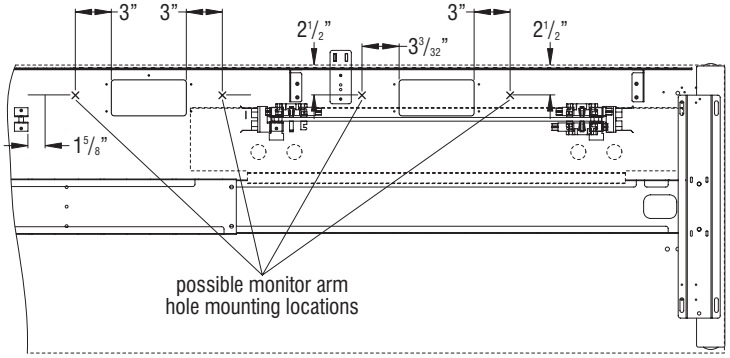


Figure 7 - Single-Sided Benching (24" Top Shown)

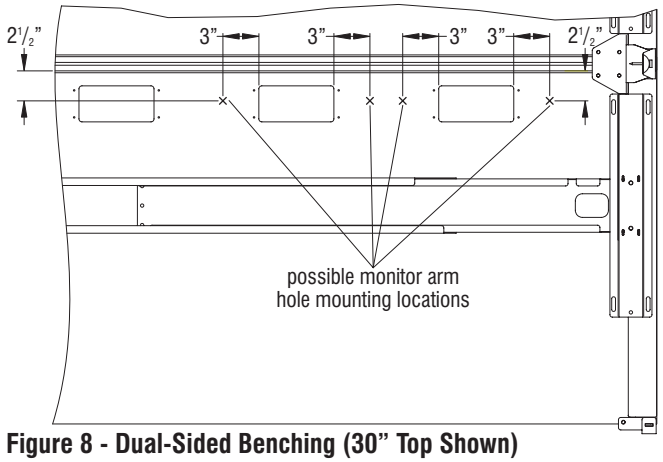


Figure 8 - Dual-Sided Benching (30" Top Shown)

A. 24” Single-Sided Café Height Starter Frame
B. Freestanding Divider Screen
C. 24" 74P Edge Worksurface
D. 24” Single-Sided Café Height Adder Frame
E. Steel Modesty Panel
F. Power/Data

Efficient and simple, Connection Zone Benching café height maximizes the square footage of a workspace. Its universal design supports the focused work of an individual, serves as a touch-down space for a temporary user and facilitates the collaborative process of a group.

42" CAFÉ HEIGHT WORKSURFACES (Steel Leg Café Height Frames)

Product Overview

Café Height Worksurfaces: Designed to be located in-line with the beam, supported by and spanning the complete distance from one café frame support to the next.

Important: Only café height frame configurations shown within this planning guide are allowed. To have other configurations considered, contact KI Customer Service.

74P and knife edge options are available and worksurface cutout locations may be specified. Standard widths are offered in 6 inch increments, unless otherwise noted.

74P and Knife Edge: Options are available with some restrictions. Knife edge is restricted to the edge facing the occupant.

For frame support rules see *42" CAFÉ-HEIGHT FRAMES* on next page.

Worksurface Cutout Locations:
- N = No Cutout
- L = Left
- C = Center
- R = Right
- LR = Left & Right
- LCR = Left, Center & Right

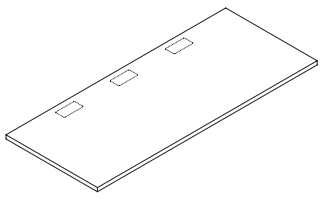
Worksurface Cutout Style:
- CSA = Nacre Cutout
- CSD = Dean Cutout
- NCS = No Cutout

Note: One or more cutout locations are offered on most worksurfaces Corresponding power modules and grommets are available and ordered separately.

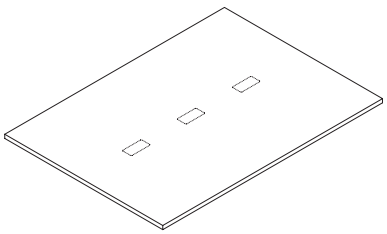
Planning Guidelines

Café Rectilinear Worksurfaces: Designed to be located in-line with the beam, supported by and spanning the complete distance from one café frame support to the next.

- 24" or 30" depth tops are specified on café height frames for single-sided use and allow standard privacy and divider screens.
- 42" and 48" depth tops are specified, centered on 24" café height frames for teaming use. Privacy and divider screens not allowed.
- Separate model number groups are available for single or teaming use.
- All café height worksurfaces include modesty panels. One each on 24" and 30" depths (single sided), two each on 42" and 48" depths (Teaming).



Edge Cutout on Single-Sided Worksurfaces
- 24" or 30" depth
- 48"-96" width (64" also available)



Center Cuotut on Teaming Worksurfaces
- 42" or 48" depth
- 48"-96" width

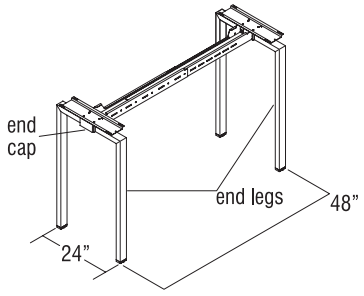
42" CAFÉ HEIGHT FRAMES (Steel Leg Café Height Frames)

Product Overview

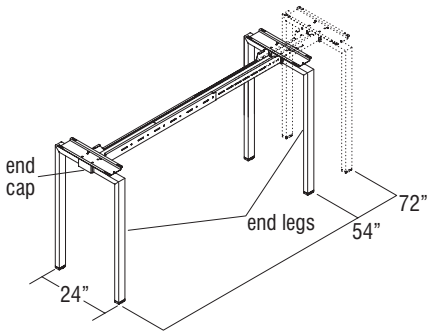
Frames that have a finished worksurface height of 42" are available in single-sided (24" & 30" depths) starter and adder configurations only. ALL frames are of the Intermediate design, but are used at both end and intermediate locations.

Planning Guidelines

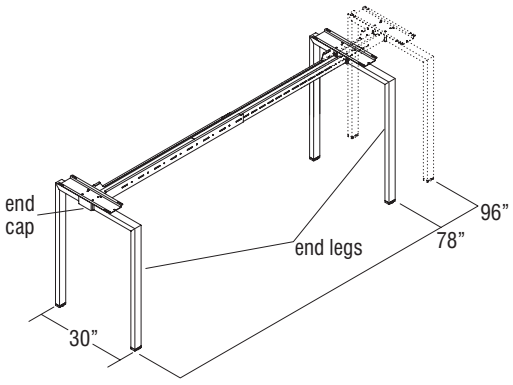
- Single-sided café height frames support fixed worksurfaces only and are available in 24" and 30" depths.
- Teaming café height frames support fixed worksurfaces only and are available in 24" depths.
- 30" depth café height starter frames can be specified with 24" depth café adder frames under 30" tops to add leg clearance. This layout is similar to transition legs on other systems.
- 24" depth frames are non-handed as the beam is located on center.
- 30" depth frames are handed as the beam is off center toward the front (no teaming worksurface allowed).
- ALL café height frames are constructed as intermediate legs with intermediate worksurface brackets as end frames are located 2" inboard from there standard location.
- Café height frames are only available for rectilinear layouts with matching length worksurfaces and no perpendicular worksurfaces.
- 24" depth café height frames must be specified centered under 42" and 48" depth top (teaming).
- **Café Height Starter:** Model contains a set of **intermediate leg frames** (for use in end locations) along with the necessary worksurface support brackets, end caps and beam to support a single worksurface that matches the requested beam range. These units can be used as standalone frames or in conjunction with adder models to build a row of workstations. (Figures 1, 2, 3 & 7)



48" Café Height Starter Frame (24" Leg Shown)
Figure 1



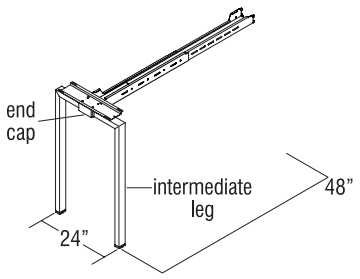
54"-72" Café Height Starter Frame (24" Leg Shown)
Figure 2



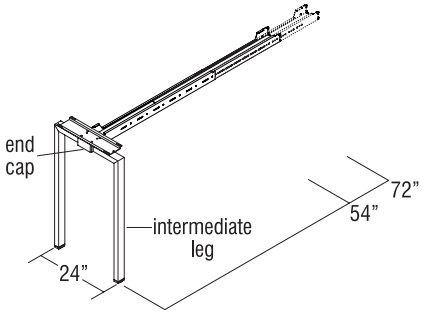
78"-96" Café Height Starter Frame (30" Leg Shown)
Figure 3

42" Café Height Adder Frames (Steel Leg Café Height Frames)

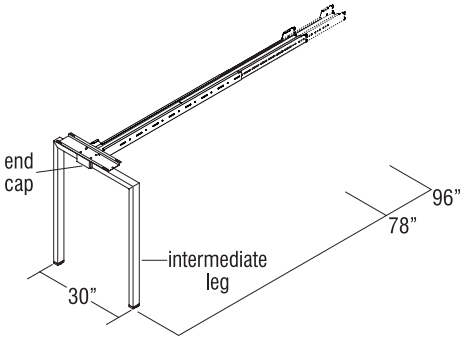
- **Café Height Adder:** Models contain a single intermediate leg frame support along with intermediate worksurface bracket and beam to be used with a starter model number to configure a row support. (Figure 4, 5 & 6). A typical row would contain one starter model and any number of adder models (Figure 7). Adder frames may be placed on either side of a starter frame.



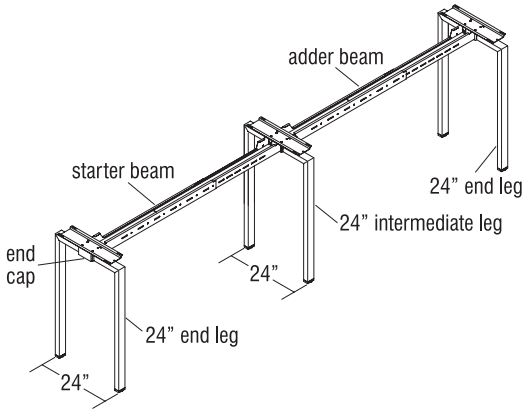
36”-42” Café Height Adder Frame (24” Leg Shown)
Figure 4



48”-72” Café Height Adder Frame (24” Leg Shown)
Figure 5



78"-96" Café Height Adder Frame (30” Legs Shown)
Figure 6



Typical Café Height Frame Row (24” Legs Shown)
Figure 7

CAFÉ HEIGHT ELECTRICAL (Steel Leg Café Height Frames)

Product Overview
Connection Zone café height benching can utilize the following electrical systems:

- 10-wire electrical system (6-2-2 system).
- Hardwired electrical system (city of Chicago electrical code).
- Pattern electrical system (single circuit electrical system).
- Power modules with 3-prong plug can plug into building outlet or 10-wire/Chicago code hardwired components (not applicable to plug into single circuit).

10-Wire Electrical System: The pre-wired electrical utilizes the 810 10-wire electrical system in a 6-2-2 configuration
UL 183 Listed: The 6-2-2 system provides six-circuits (20 amps each); three-convenience and three-isolated ground circuits (sometimes referred to as a 3 + 3 configuration). The six circuits share two oversized neutral wires. The 6-2-2 system allows multiple workstations to feed from one power supply. Reference page 18 for "Single-Sided 10-Wire Electrical" planning guidelines All electrical components including rigid wireway kits, infeeds, jumpers and receptacles are ordered separately.

- Each 10-wire rigid wireway is designed to accept two duplex receptacles per side. On single-sided café height tables, only one side of each rigid wireway is used. On dual-sided café height tables, both sides are used for a total of four receptacles per rigid wireway. Rigid wireways in some sizes (60" & 72") can be specified in either "single" (one rigid wireway per assembly) or "double" (two rigid wireways per assembly).

- A duplex receptacle (ordered separately) has two "plug-in" openings which accept 120 volt three-prong grounded plugs (see space-planning guidelines for specifics per row type and configuration).

- Table-to-table electrical is accomplished by jumpers (ordered separately).

- The system is energized by either a base infeed (liquid-tight covered flexible conduit) or a top infeed (metal flexible conduit housed in an extruded aluminum pole) (ordered separately).

- **Number of Workstations:** To determine a workstation's electrical needs, the draw of each powered device being used must be identified and accounted for.

  A tag is attached to every UL listed electrical appliance which specifies how many amps that particular appliance will draw (ex: 1.5A = $1^1/_2$ amps). The total number of amps specified per circuit will determine how many appliances each infeed circuit can accommodate (recall: 6-2-2 has six circuits). One infeed supplies six, 20-amp circuits.

  The National Electrical Code recommends to load a circuit with 80% of the 20-amp rating, or 16 amps.

  Layouts with heavy electrical needs can be specified with more than one power infeed.

Hardwired Electrical System: Components are available to be specified on worksurfaces in both single- and dual-sided applications and require the electrician to provide the receptacles, conduit and connector fittings. Reference page 28 for "Hardwired Electrical" planning guidelines.

Pattern Electrical System: A non-sequential single circuit electrical system used to provide power distribution which is ETL Listed to UL 962A (USA) and CAN/CSA-C22.2 No. 308 (Canada). Cannot be used with 10-Wire electrical components. Reference page 39 for "Power Modules for Pattern" & page 29 for "Pattern Electrical" planning guidelines.

Power Modules with 3-Prong Plug

- **Ashley® Duo Under Power Modules with 3-Prong Plug:** These modules are used for worksurface power. Mounted to the underside of the worksurface at the front, user side. Reference page 40 for "Ashley Duo with 3-Prong Plug" planning guidelines.

- **Dean® In-Surface and Nacre In-Surface Power Modules with 3-Prong Plug:** These modules are used for worksurface power/data. Cutout location(s) must be specified on worksurfaces. Worksurface modules are ordered separately through the Accessories Price list. Reference page 40 for "Dean and Nacre Power Module with 3-Prong Plug" planning guidelines.

- **Dean® Undersurface Power Modules with 3-Prong Plug:** These modules are used for worksurface power. Mounted to the underside of the worksurface at the front, user side. Reference page 40 for "Dean Undersurface Power Module with 3-Prong Plug" planning guidelines.

42" CAFÉ HEIGHT PRIVACY & DIVIDER SCREENS (Steel Leg Café Height Frames)

Product Overview

Privacy and Divider Screens: Constructed with an aluminum frame that provides superior strength and can be powder-coat painted in colors to match worksurface frame or painted in accent colors. The standard top rail provides a single slot that allows the user to mount paper management or an optional tool rail version containing three slots that provide additional options.

Core Options: Material choices are acrylic, markerboard and tackable fabric.

Height: 13" and 19" screens are offered in tackable fabric, markerboard, and acrylic core options.

Widths: A single screen per worksurface with no intersection is available in 24" through 78" widths in 6" increments. Screens with one intersection (two panels) per worksurface are available in 60", 64", 72", 84", 90" and 96" widths. Screens with two intersections (three panels) per worksurface are available in 90" and 96" widths only.

Privacy Screens: Located flush with the bottom of the worksurfaces and run parallel with the support beam. On single-sided units, mounting brackets are attached directly to the bottom of the worksurfaces. **Not available on Teaming worksurfaces.**

Divider Screens: Located on top of the surface and run perpendicular to privacy screens. Divider screens attach to the privacy screens on one end and are supported by worksurface attachment brackets on the other end. Available on 24" and 30" depths only.

Fixed Freestanding Divider Screens: Located on top of the worksurface and run perpendicular to the back edge. Divider screens attach to a worksurface with brackets on both ends. Available on 24" and 30" depths only.

Note: Due to mounting styles, privacy screens are actually 1.46" taller than divider screens. It is critical that screens are specified in the correct location.

42" Café Height Privacy & Divider Screens (Steel Leg Café Height Frames)

Planning Guidelines

Privacy Screens

- Privacy and divider screens cannot be used on café height teaming worksurfaces.
- Mounting brackets attach to bottom of the worksurface.
- If dividers screens are required to divide individual worksurfaces, then privacy screens with multiple panels are required (model numbers ending in the numbers 2 or 3). These will allow attachment of divider screen(s) at equal spaces when paired with like sized worksurfaces (Figure 1).
- In some layouts, privacy screens could actually bridge a frame supported worksurface seam because the brackets attach to the underside of the worksurface.
- The accumulative length of privacy screens must match that of the row of worksurfaces that they are mounted to, and have seams where “middle” dividers are located if needed.

Divider Screens with Privacy Screens

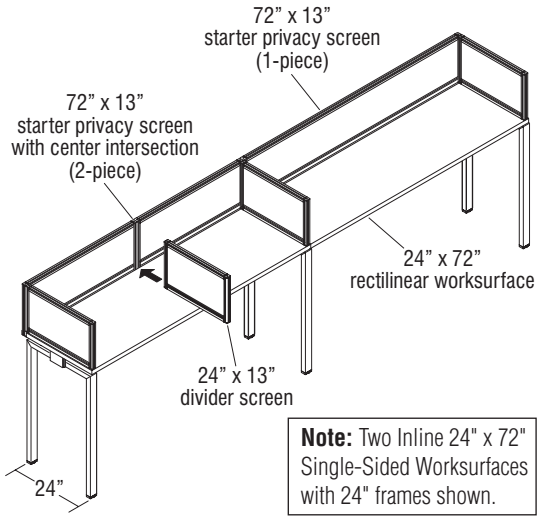
- When divider screens are to be used with privacy screens, use the following option codes.

FLE – Fixed Left End	**Worksurface Edge Type**
FMI – Fixed Middle	74P – 2mm Flat
FRE – Fixed Right End	KN – Knife Edge

- All end divider screens attach to the vertical end post of the privacy screens.
- Middle divider screens attach to a pair of vertical privacy screen posts at the intersection of two privacy screens.

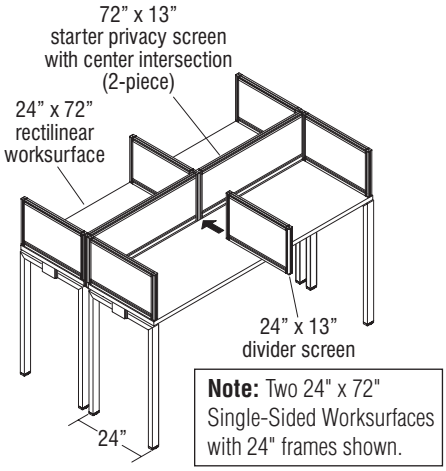
Two Back-to-Back Single-Sided Tables with Privacy & Divider Screens

- To achieve "dual" style tables with privacy screens, two single-sided tables must be combined together back-to-back. The privacy screen will be ordered with and attached to one of the single-sided tables (Figure 2).
- If adding divider screens, they must be ordered with each table that receives them (Figure 2).



Two Inline 24"-30" x 48"-96" Single-Sided Tables with Privacy and Divider Screens

Figure 1



Two Back-to-Back 24"-30" x 48"-96" Single-Sided Tables with Privacy and Divider Screens

Figure 2

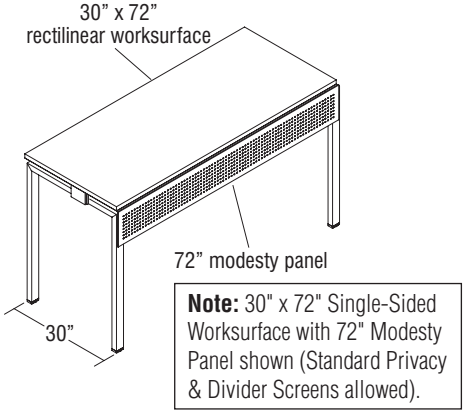
42" CAFE HEIGHT MODESTY PANELS (Steel Leg Café Height Frames)

Product Overview

Modesty Panels: Designed for use on café height frames to provide concealment, leg stability and enclose the rigid wireway compartment. Constructed of 14-gauge steel with 1/4" diameter holes on 3/4" centers, these 10" tall panels are available in standard powder-coat colors. Each panel is supported by one or more left-hand bracket as needed by length.

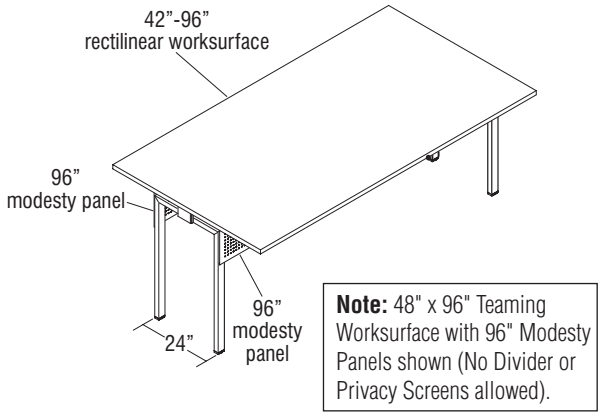
Planning Guidelines

- Modesty panels on café height frames are mandatory and are included in the café height worksurface models. Modesty panels overlap the vertical tube of the support frames and attach with two screws to each end leg.
- One modesty panel is used on 24"-30" frames with single-sided (24"-30" depth) worksurfaces (Figure 1).
- Two modesty panels are used on 24" frames with teaming (42"-48" depth) worksurfaces (Figure 2).
- 24" frames with 42" deep worksurfaces are stand-up height only (Figure 3).
- 24" frames with 48" deep worksurfaces allow standing or stools (Figure 3).



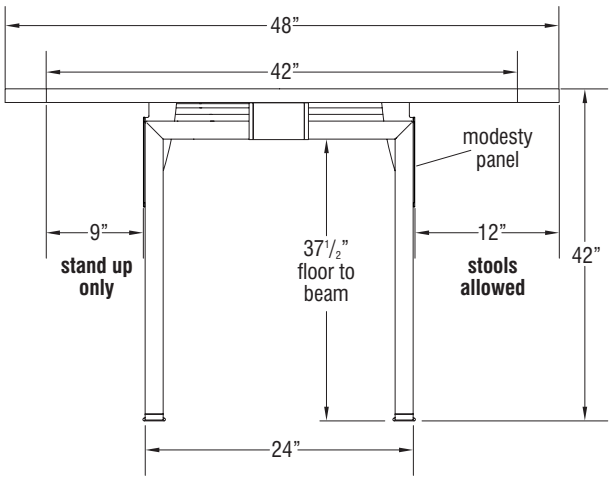
24"-30" x 48"-96" Single-Sided Worksurface with One Modesty Panel

Figure 1



42"-48" x 48"-96" Teaming Worksurface with Two Modesty Panels

Figure 2



42"-48" depth Teaming Worksurface Side View with Two Modesty Panels

Figure 3

A. Wood Leg Rectilinear Dual Unit

Connection is human. People, objects and ideas meet, each connection creating a personal social experience. Connection Zone Collection celebrates the social experience, guiding the spatial shift from ME to WE. Control the progression from me space to we space with unique elements designed to connect people and ideas.

DUAL-SIDED WOOD LEG WORKSURFACES

Product Overview

Dual-Sided Wood Leg Worksurfaces: Dual-sided worksurfaces are designed to be used on fixed or sliding frames and can be used on wood leg standalone frames or in conjunction with wood leg dual-sided adder frames to build a row of workstations.

Important: Only wood leg frame configurations shown within this planning guide are allowed. To have other configurations considered, contact KI Customer Service.

74P and knife edge options are available and worksurface cutout locations may be specified. Standard widths are offered in 6 inch increments, unless otherwise noted.

74P and Knife Edge: These options are available with some restrictions. Knife edge is typically restricted to the edge facing the occupant. Knife edge is not available for return worksurfaces, and also can not be used on rectilinear worksurfaces that are spliced with returns.

For frame support rules see *DUAL-SIDED WOOD LEG STARTER FRAMES* on next page.

Worksurface Cutout Locations on Dual-Sided:
- N = No Cutout
- C = Center
- LR = Left & Right
- LCR = Left, Center & Right

Worksurface Cutout Style:
- CSA = Nacre Cutout
- CSD = Dean Cutout
- NCS = No Cutout

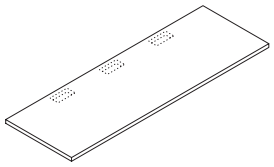
Note: One or more cutout locations are offered on most worksurfaces. Corresponding power modules and grommets are available and ordered separately.

Dual-Sided Wood Leg Worksurfaces

Planning Guidelines

Dual-Sided Wood Leg Rectangle Worksurfaces: Designed to be located in-line with the beam, supported by and spanning the complete distance from one wood leg frame support to the next.

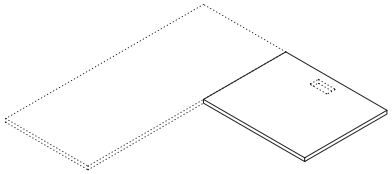
- 24” & 30” depth tops are specified on wood leg frames for dual-sided use and allow standard privacy and divider screens.



Edge Cutout on Dual-Sided Worksurfaces
- 24” or 30” depth
- 36”-96” width (64" also available)

Return Worksurfaces: Designed to be mounted with included splice plates, perpendicular to rectilinear worksurfaces supported by fixed beam/frame supports.

- Specify a return support frame for the end not attached to beam supported worksurface with 74P edge option only.
- Modesty panels ordered separately.
- Single center worksurface cutout.

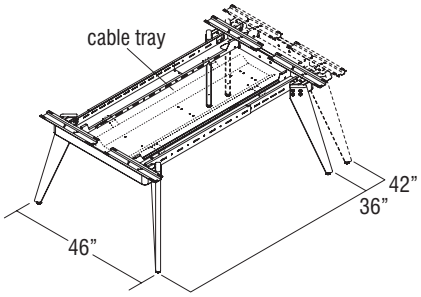


Return
- 27" or 30” depth
- 24”-54” width

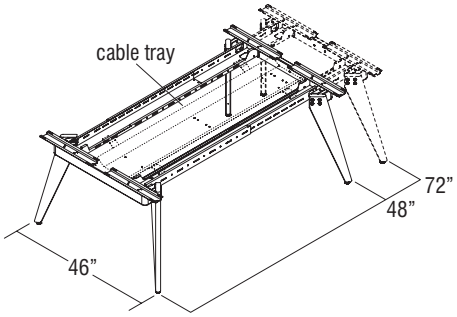
Dual-Sided Wood Leg Starter Frames

Planning Guidelines

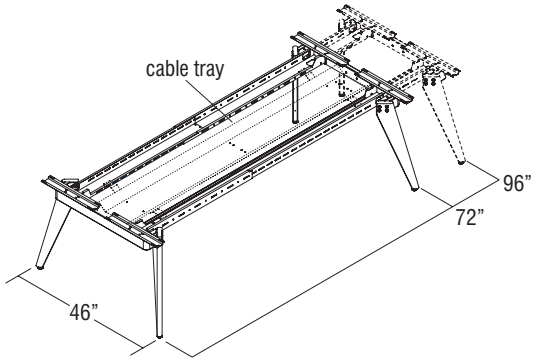
- Dual-sided wood leg frame supports fixed and sliding worksurfaces of either 24" or 30" depth. Dual-sided wood leg frames 48" (46" actual) are specified under back-to-back 24" deep fixed or sliding worksurfaces. Dual-sided wood leg frames 60" are specified under back-to-back 30" deep fixed or sliding worksurfaces.
- Dual-sided wood leg starter frames support worksurface width ranges of 36"-42", 48"-72", or 72"-96".
- Glide adjustment range of $^{7}/_{8}$".
- Electrical components are supported by the frame members, and are specified as separate components. Length of electrical rigid wireway must match finished frame length (Figure 4, Page 23).
- Cable trays shown are included with dual worksurface models.
- **Dual-Sided Wood Leg Starter:** Model contains a set of wood leg end frames, worksurface support brackets and beam that match the requested beam range (Figures 1, 2 & 3). These units can be used as standalone frames or in conjunction with dual-sided wood leg adder models to build a row of workstations.



Dual-Sided Wood Leg Starter Frame 36”-42”
Figure 1



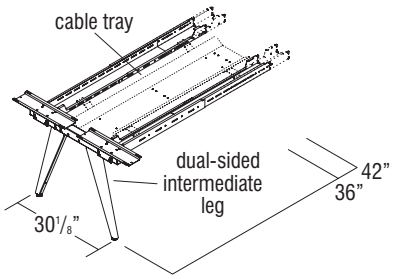
Dual-Sided Wood Leg Starter Frame 48”-72”
Figure 2



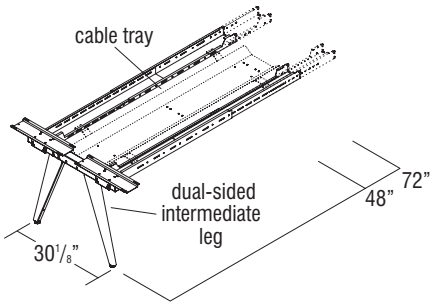
Dual-Sided Wood Leg Starter Frame 72”-96”
Figure 3

Dual-Sided Wood Leg Adder Frames

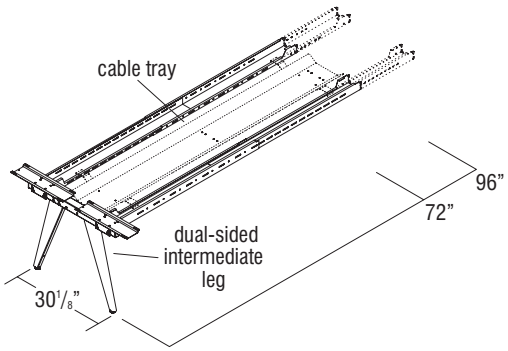
- **Dual-Sided Wood Leg Adder:** Model contains a dual-sided wood leg intermediate leg support along with intermediate worksurface brackets (sliding or fixed) and beams to be used with the dual-sided wood leg starter model number to configure a row support (Figures 4, 5 & 6). A typical row would contain one dual-sided wood leg starter model and any number of dual-sided wood leg adder models (Figure 7). Dual-sided wood leg adder frames may be placed on either side of a dual-sided wood leg starter frame.
- Dual-sided wood leg adder frames support worksurface width ranges of 36"-42", 48"-72", or 72"-96".
- Glide adjustment range of $^{7}/_{8}$".



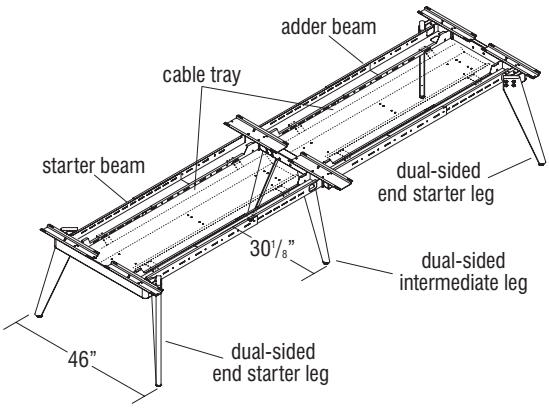
Dual-Sided Wood Leg Adder Frame 36”-42”
Figure 4



Dual-Sided Wood Leg Adder Frame 48”-72”
Figure 5



Dual-Sided Wood Leg Adder Frame 72”-96”
Figure 6

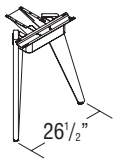


Dual-Sided Wood Leg Row (Typical 48”)
Figure 7

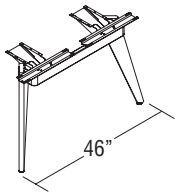
Wood Leg Return Support Frames

Planning Guidelines

- Wood leg return support frames are available single- and dual-sided. Single-sided return support frame is available in a nominal depth of 30" (Figure 1). Dual-sided return support frame (back-to-back) is available in a nominal depth of 48" (46" actual) (Figure 2).
- Single-sided wood leg support frames are specified under 27" & 30" deep return worksuraces only.
- Dual-sided wood leg support frames are specified under a pair of 24", 27" or 30" deep return worksuraces only.
- Glide adjustment range of $^{7}/_{8}$".



Single-Sided Wood Leg Return Support Frame
Figure 1



Dual-Sided Wood Leg Return Support Frame
Figure 2

Wood Leg Return Frames with Worksurfaces

The figure below shows a dual unit with two return worksurfaces. Knife edge and sliding tops are not available on this configuration.

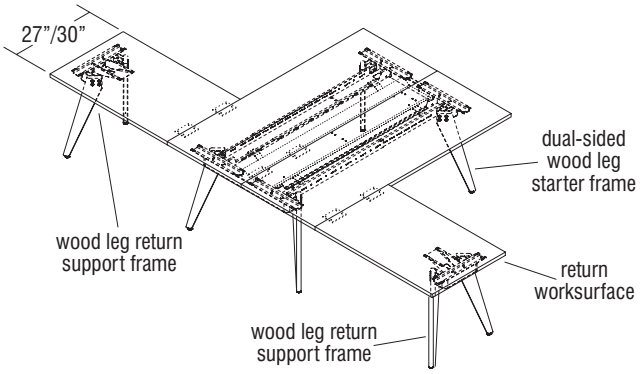


Figure 3 - Dual-Sided Wood Leg Starter Frame 30" x 48"-72" with Added Return Worksurface with Perpendicular Support Frame

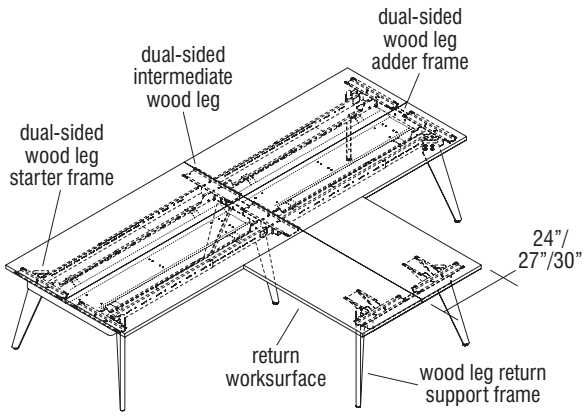


Figure 4 - Dual-Sided Wood Leg Row with Added Return Worksurface with Perpendicular Support Frame

DUAL-SIDED WOOD LEG ELECTRICAL

Product Overview
Connection Zone benching can utilize the following electrical systems:

- 10-wire electrical system (6-2-2 or 4-4-2 system) on wood leg frames.
- Hardwired electrical system (city of Chicago electrical code) on wood leg frames.
- Pattern electrical system (single circuit electrical system) on wood leg frames.
- Power modules with 3-prong plug can plug to building outlet or 10-wire/Chicago code hardwired components (not applicable to plug into Pattern single circuit electrical systems).

10-Wire Electrical System: The pre-wired electrical utilizes the 810 10-wire electrical system in 6-2-2 or 4-4-2 configuration UL 183 Listed: The 6-2-2 system provides six-circuits (20 amps each); three-convenience and three-isolated ground circuits (sometimes referred to as a 3 + 3 configuration). The six circuits share two oversized neutral wires. The 4-4-2 system provides four-circuits (20 amps each); four hot wires, four neutral and two ground wires. The 6-2-2 & 4-4-2 systems allow multiple workstations to feed from one power supply. All electrical components including rigid wireway kits, infeeds, jumpers and receptacles are ordered separately.

- Each 10-wire rigid wireway (ordered separately) is designed to accept two duplex receptacles per side. On dual-sided tables, both sides are used for a total of four receptacles per rigid wireway. Rigid wireways in some sizes (60" & 72") can be specified in either "single" (one rigid wireway per assembly) or "double" (two rigid wireways per assembly).

- A duplex receptacle (ordered separately) has two "plug-in" openings which accept 120 volt three-prong grounded plugs (see space-planning guidelines for specifics per row type and configuration).

- Table-to-table electrical is accomplished by jumpers (ordered separately).

- The system is energized by either a base Infeed (liquid-tight covered flexible conduit) or an Top Infeed (metal flexible conduit housed in an extruded aluminum pole).

- **Note:** 10-wire power cannot be used on wood leg desk units. Wood leg desk units can only use power modules with Pattern or hardwire (Chicago).

- **Number of Workstations:** To determine a workstation's electrical needs, the draw of each powered device being used must be identified and accounted for.

  A tag is attached to every UL listed electrical appliance which specifies how many amps that particular appliance will draw (ex: 1.5A = $1^1/_2$ amps). The total number of amps specified per circuit will determine how many appliances each infeed circuit can accommodate (recall: 6-2-2 has six circuits), one infeed supplies six, 20-amp circuits. (Recall: 4-4-2 has four circuits), one infeed supplies four 20-amp circuits).

  The National Electrical Code recommends to load a circuit with 80% of the 20-amp rating, or 16 amps.

  Layouts with heavy electrical needs can be specified with more than one power infeed.

- **Center Work Rail Electrical:** These models consist of the standard 10-wire 6-2-2 rigid wireway, but use different mounting brackets that **ONLY** mount to frameless privacy screens. Center work rail electrical can only be used on **dual units**. Reference page 23 for "Dual-Sided 10-wire Electrical" planning guidelines.

Hardwired Electrical System: Components are available to be specified on worksurfaces in dual-sided applications and require the electrician to provide the receptacles, conduit and connector fittings. Reference page 28 for "Hardwired Electrical" planning guidelines.

Pattern Electrical System: A non-sequential single circuit electrical system used to provide power distribution which is ETL Listed to UL 962A (USA) and CAN/CSA-C22.2 No. 308 (Canada). Cannot be used with 10-Wire electrical components. Reference page 39 for "Power Modules for Pattern" & page 29 for "Pattern Electrical" planning guidelines.

Power Modules with 3-Prong Plug:

- **Ashley® Duo Under Power Modules with 3-Prong Plug:** These modules are used for worksurface power. Mounted to the underside of the worksurface at the front, user side. Reference page 40 for "Ashley Duo with 3-Prong Plug" planning guidelines.

- **Dean® In-Surface and Nacre In-Surface Power Modules with 3-Prong Plug:** These modules are used for worksurface power/data. Standard worksurface cutout location(s) must be specified on worksurfaces. Worksurface modules are ordered separately through the Accessories Price List. Reference page 40 for "Dean and Nacre Power Module with 3-Prong Plug" planning guidelines.

- **Dean® Undersurface Power Modules with 3-Prong Plug:** These modules are used for worksurface power. Mounted to the underside of the worksurface, at the front user side. Reference page 40 for "Dean Undersurface Power Module with 3-Prong Plug" planning guidelines.

DUAL-SIDED WOOD LEG PRIVACY & DIVIDER SCREENS

Product Overview

Privacy and Divider Screens: Constructed with an aluminum frame that provides superior strength and can be powder-coat painted in colors to match worksurface frame or painted in accent colors. The standard top rail provides a single slot that allows the user to mount paper management or an optional tool rail version containing three slots that provide additional options. Reference page 45 for "Dual-Sided Privacy & Divider Screens" planning guidelines.

Core Options: Material choices are acrylic, markerboard and tackable fabric.

Height: 13" and 19" screens are offered in tackable fabric, markerboard, and acrylic insert options.

Widths: A single screen per worksurface with no intersection is available in 24" through 78" widths in 6" increments. Screens with one intersection (two panels) per worksurface are available in 60", 64", 72", 84", 90" and 96" widths. Screens with two intersections (three panels) per worksurface are available in 90" and 96" widths only.

Privacy Screens: Located flush with the bottom of the worksurfaces and run parallel with the support beam. Reference page 45 for "Dual-Sided Privacy & Divider Screens" planning guidelines.

Divider Screens: Located on top of the surface and run perpendicular to privacy screens. Divider screens attach to the privacy screens on one end and are supported by worksurface attachment brackets on the other end. Available on 24" and 30" depths only. Reference page 45 for "Dual-Sided Privacy & Divider Screens" planning guidelines.

Fixed Freestanding Divider Screens: Located on top of the worksurface and run perpendicular to the back edge. Divider screens attach to a worksurface with brackets on both ends. Available on 24" and 30" depths only. Reference page 45 for "Dual-Sided Privacy & Divider Screens" planning guidelines.

Note: Due to mounting styles, privacy screens are actually 1.46" taller than divider screens. It is critical that screens are specified in the correct location.

WOOD LEG DESKS

Product Overview

Wood Leg Desks: Wood leg desks are ordered as full units. The desks are standalone units that contain a worksurface which mounts onto the brackets of the wood leg frame provided. Worksurfaces are available rectilinear or elliptical.

Important: Only wood leg frame configurations shown within this planning guide are allowed. To have other configurations considered, contact KI Customer Service.

74P and knife edge options are available and worksurface cutout locations may be specified. Standard widths are offered in 6 inch increments, unless otherwise noted.

ADA Compliance: All support frames provide sufficient wheelchair clearance per current ADA guidelines. Reference "ADA Compliance" figure 1 on page 8.

Wood Leg Desks Worksurface Cutout Location:
- N = No Cutout Grommet
- L = Left
- C = Center
- R = Right
- LR = Left & Right

Worksurface Cutout Style:
- CSA = Nacre Cutout
- CSD = Dean Cutout
- NCS = No Cutout

Note: One or more cutout locations are offered on most worksurfaces. Corresponding power modules and grommets are available and ordered separately.

Planning Guidelines

Wood Leg Rectilinear Desks: Wood leg rectilinear desks are ordered as full units. The desks are standalone units that contain a worksurface which mounts onto the brackets of the wood leg desk frame provided.

- Wood leg rectilinear desk worksurfaces 30"-36" deep by 66"-72" wide can be specified with 74P & knife edge options.
- Return worksurfaces not available for use with knife edge tops.
- Features perforated steel modesty panel, inset 7½" off the worksurface center line (Page 75, Figures 1 & 2).
- Wood leg rectilinear desk worksurfaces extend 3" beyond the frame on each end and allow up to two cutout locations.
- Knife edge, when specified, wraps around the entirety of the worksurface. All front-to-back cutout centers are located 5½" beyond desk mid-point from user. Left and right (side-to-side) cutout centers are located 9½" to the side of table center (Figure 1).
- Wood leg rectilinear desks can only use power modules with 3-prong plug or Pattern electrical system.
- Reference page 56 for "Accessories" planning guidelines.

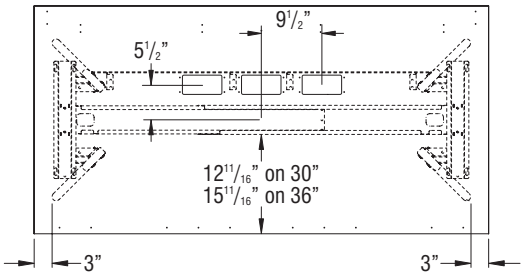


Figure 1 - 30"-36" x 66"-72" Wood Leg Rectilinear Desk (36" x 72" shown)

Return Worksurfaces: Designed to be mounted with included splice plates, perpendicular to a fixed beam supported wood leg rectilinear desk.

- Return worksurfaces 27"-30" deep by 30"-54" wide, are specified for a wood leg return support frame.
- Specify a wood leg return support frame for the end not attached to beam supported desk.
- Modesty panels ordered separately. The modesty panel width will match the width of the return worksurface.

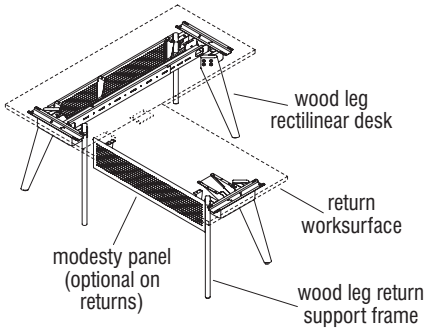


Figure 2 - 30”-36” x 66”-72” Wood Leg Desk with 27”-30” x 30”-54” Added Return Worksurface with Perpendicular Support Frame

Wood Leg Elliptical Desks: Wood leg elliptical desks are ordered as full units. The desks are standalone units that contain a worksurface which mounts onto the brackets of the wood leg desk frame provided.

- Elliptical 36”-42" deep by 66"-72" wide worksurfaces are specified on wood leg elliptical desks.
- Features perforated steel modesty panel attached between the wood legs.
- Wood leg elliptical desk worksurfaces extend 10" or 13" deep beyond the frame on each end and allow up to two cutout locations.
- Knife edge, when specified, wraps around the entire perimeter of the worksurface.
- All front-to-back cutout centers are located $5^1/_2$" beyond desk mid-point from user. Left and right (side-to-side) cutout centers are located $9^1/_2$" to the side of table center (Figure 3).
- Cutout location allows cords to fall on user-side of the modesty panel.
- Wood leg elliptical desks can only use power modules with 3-prong plug or Pattern electrical system.
- Reference page 56 for "Accessories" planning guidelines.

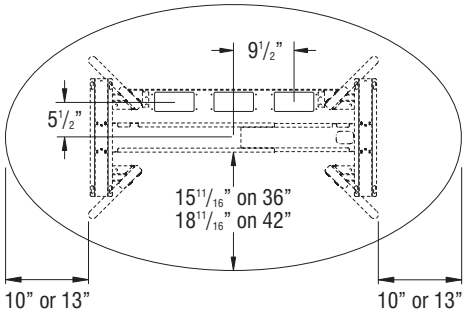


Figure 3 - 36”-42” x 66”-72” Wood Leg Elliptical Desk (36” x 66” shown)

Wood Leg Desk Modesty Panels

Product Overview

Modesty Panels: Designed for use on wood leg frames to provide concealment. Constructed of 14-gauge steel with 1/4" diameter holes on 3/4" centers, these 10" tall panels are available in standard powder-coat colors. Each panel is supported by a single right-hand bracket and one or more left-hand bracket(s) as required by length.

Planning Guidelines

- Modesty panels are included on wood leg desk models. Modesty panels are optional on wood leg return worksurface models. Modesty panels are nested between the wood legs of the support frames, 7 1/2" off the worksurface center line and attach with two screws to each modesty panel bracket.

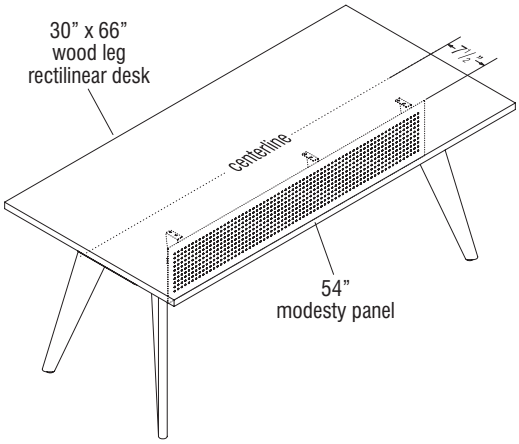


Figure 1 - Wood Leg Rectilinear Desk with Modesty Panel (36" x 66" shown)

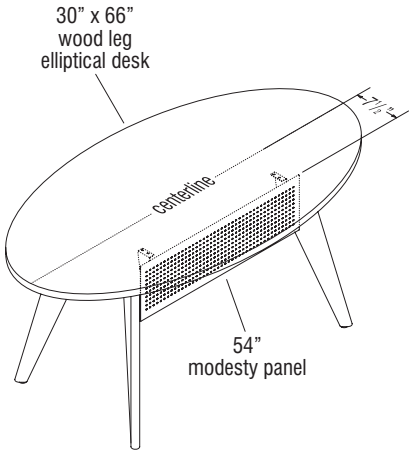


Figure 2 - Wood Leg Elliptical Desk with Modesty Panel (36" x 66" shown)

Wood Leg Conference Tables

Product Overview

Wood Leg Rectilinear Conference Tables: Wood leg rectilinear conference tables are ordered as full units. The conference tables are standalone units that contain a worksurface which mounts onto the plates of the wood leg frame provided. Worksurfaces are available rectilinear only.

Wood Leg Elliptical Conference Tables: Wood leg elliptical conference tables are ordered as full units. The conference units are standalone units that contain a worksurface which mounts onto the plates of the wood leg frame provided. Worksurfaces are available elliptical only.

Important: Only wood leg frame configurations shown within this planning guide are allowed. To have other configurations considered, contact KI Customer Service.

74P and knife edge options are available and worksurface cutout locations may be specified. Four standard widths are offered: 36, 42, 48 and 60".

ADA Compliance: All support frames provide sufficient wheelchair clearance per current ADA guidelines. Reference "ADA Compliance" figure 1 on page 8.

Wood Leg Conference Tables Worksurface Cutout Location:
- N = No Cutout
- C = Center
- LR = Left & Right
- LCR = Left, Center & Right

Worksurface Cutout Style:
- CSA = Nacre Cutout
- CSD = Dean Cutout
- NCS = No Cutout

Note: One or more cutout locations are offered on most worksurfaces. Corresponding power modules and grommets are available and ordered separately.

Wood Leg Conference Tables

Wood Leg Rectilinear Conference Tables: Wood leg rectilinear conference tables are ordered as full units. The conference tables are standalone units that contain a worksurface which mounts onto the plates of the wood leg table frame provided.

- Rectilinear worksurfaces 36"-60" deep by 96"-120" wide, are specified on wood leg rectilinear conference tables. Rectilinear table worksurfaces all have four legs. Privacy and divider screens are not allowed.
- Wood leg rectilinear conference table worksurfaces extend 12" beyond the frame on each end and allow up to three worksurface cutout locations.
- Left and right worksurface cutouts are $23^{7}/_{8}$" from center on 96" tables, $26^{7}/_{8}$" from center on 108" and are $29^{7}/_{8}$" from center on 120" tables.
- Wood leg rectilinear conference tables can only use power modules with 3-prong plug or Pattern electrical system.

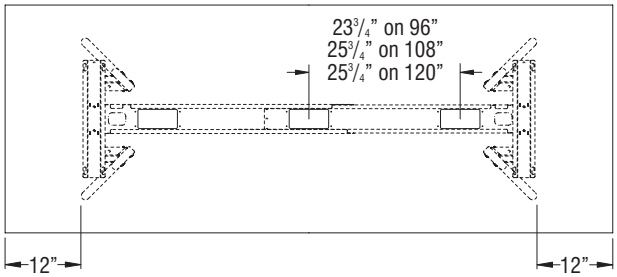


Figure 4 - 36"-42" x 96"-120" Wood Leg Rectilinear Conference Table (36" x 96" shown)

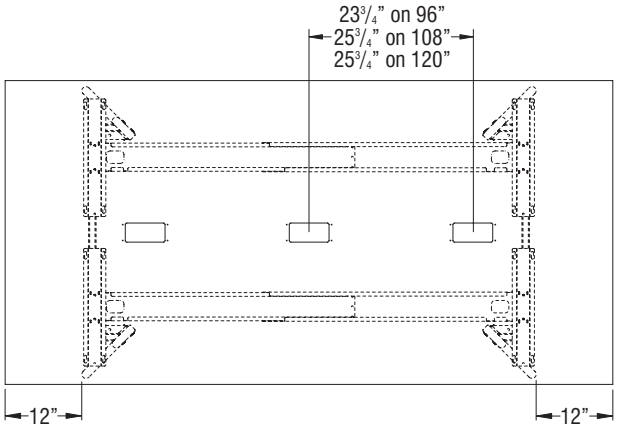


Figure 5 - 48"-60" x 96"-120" Wood Leg Rectilinear Conference Table (48" x 96" shown)

Wood Leg Elliptical Conference Tables: Wood leg elliptical conference tables are ordered as full units. The conference tables are standalone units that contain a worksurface which mounts onto the plates of the wood leg table frame provided.

- Elliptical worksurfaces 48" and 60" deep by 96"-120" wide, are specified on wood leg elliptical conference tables. Privacy and divider screens are not allowed.
- Left and right cutouts are 19" from center on 96" tables, 22 1/2" from center on 108" and are 27" from center on 120" tables.
- Knife edge, when specified, wraps around the entire perimeter of the worksurface.
- Wood leg elliptical conference tables can only use Dean or Nacre power modules with 3-prong plug or Pattern electrical system.

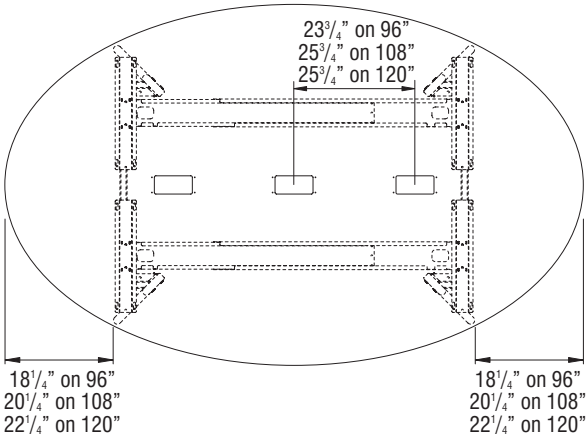


Figure 6 - 48"-60" x 96"-120" Wood Leg Elliptical Conference Table (60" x 96" shown)

WOOD LEG CONFERENCE TABLE ELECTRICAL

Product Overview

- Wood leg conference tables can use power modules with 3-prong plug or Pattern.

Pattern Electrical System: A non-sequential single circuit electrical system used to provide power distribution which is ETL Listed to UL 962A (USA) and CAN/CSA-C22.2 No. 308 (Canada). Cannot be used with 10-Wire electrical components. Reference page 39 for "Power Modules for Pattern" & page 29 for "Pattern Electrical" planning guidelines.

Power Modules with 3-Prong Plug:

- **Ashley® Duo Under Power Modules with 3-Prong Plug:** These modules are used for worksurface power. Mounted to the underside of the worksurface at the front, user side. Reference page 40 for "Ashley Duo with 3-Prong Plug" planning guidelines.
- **Dean® In-Surface and Nacre In-Surface Power Modules with 3-Prong Plug:** These modules are used for worksurface power/data. Standard cutout location(s) must be specified on worksurfaces. Worksurface modules are ordered separately through the Accessories Price List. Reference page 40 for "Dean and Nacre Power Module with 3-Prong Plug" planning guidelines.
- **Dean® Undersurface Power Modules with 3-Prong Plug:** These modules are used for worksurface power. Mounted to the underside of the worksurface at the front, user side. Reference page 40 for "Dean Undersurface Power Module with 3-Prong Plug" planning guidelines.

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