PRODUCT SPECIFICATIONS

Pirouette® HA Tables

Screw-Adjustable & Pneumatic-Adjustable Height

March 2023

TECHNICAL SPECIFICATIONS

Tabletops

Standard tabletops are nominal 1 1/4" overall thickness with .030" thick high-pressure laminate top surface and .028" phenolic backer (bottom surface). The density of the core in standard tops is 45 lb/cu ft. particleboard. Pirouette table is available with the 2 mm (74P) edge.

Table Frames

Flipping & Nesting Base

The framework for table support and flipping/nesting mechanism consists of a set of steel hinge mechanisms which allow the top to be flipped vertical, allowing the table to be nested with a mating table. A 4 mm thick formed steel lower table support hinged using a 10 mm steel pin with a 3 mm thick worksurface mounting plate. A 9.9 mm steel hex rod joins the latch mechanisms and is connected to a nylon release paddle on each end of the table base. The tabletop lock paddle is actuated by pulling the paddle up on either end of the tabletop. Pulling upward rotates the tabletop for nesting storage. To lower the table, grasp the top center of the tabletop edge and rotate the surface down until the latches engage when the surface is horizontal. All hinge pins for the flipping mechanism are zinc plated steel. Hinge pin spacers are molded nylon. The framework is shipped separately, ready to be assembled to the tabletop and legs. #12 x 1 1/2" Phillips wood screws attach the framework to the to the tabletop.

Fixed-Top Base

The table support framework for the fixed-top, non-nesting table consists of a pair of 7-gauge formed steel enclosures. The steel enclosures are welded directly to the 1 3/4" diameter, 14-gauge upper leg tube for both the pneumatic and screw adjustable-height versions. Each plate is attached to the tabletop using four #12 x 1" screws.

Leg Assemblies

Pneumatic-Adjustable Height Leg (Nesting-Top Base)

An 11-gauge steel leg support bracket is welded to the 1 3/4" diameter, 14-gauge upper leg tube. The lower leg structure consists of 4 mm steel feet welded to a 2 1/4" diameter, 14-gauge steel vertical tube. The inner leg tube is supported in the lower leg tube by a set of Delrin glide bushings. Housed inside each leg tube is a pneumatic cylinder which includes a locking feature to prevent vertical movement when any force is applied to the worksurface and the cylinder is not actuated. Each leg assembly is attached to the mechanism using four total 1/4 -20 x 5/8" Torx head (T-30) thread forming screws. The legs are joined by a 1 1/4" by 2", 14-gauge rectangular steel tube cross-brace bar that is secured in place with six total 1/4 -20 x 5/8" Torx head (T-30) thread forming screws. Leg assemblies ship with foot covers installed, but casters or glides must be installed upon assembly.

On Pneumatic-adjustable height tables, the tabletop adjusts up and down between 29" and 44" from the floor by activating a pneumatic cylinder using a lever located under the user side of the worksurface. The table's recommended weight load is 20 lb or less.

Pneumatic-Adjustable Height Leg (Fixed-Top Base)

An 11-gauge steel leg support bracket is welded to the 1 3/4" diameter, 14-gauge upper leg tube. The lower leg structure consists of 4 mm steel feet welded to a 2 1/4" diameter, 14-gauge steel outer vertical tube. The inner leg tube is supported in the lower leg tube by a set of Delrin glide bushings. Housed inside each leg tube is a pneumatic cylinder which includes a locking feature to prevent vertical movement when any force is applied to the worksurface and the cylinder is not actuated. Each leg assembly is attached to the mechanism using four total 1/4 -20 x 5/8" Torx head (T-30) thread forming screws. The legs are joined by a 1 1/4" by 2", 14-gauge rectangular steel tube cross-brace bar that is secured in place with six total 1/4 -20 x 5/8" Torx head (T-30) thread forming screws. Leg assemblies ship with foot covers installed, but casters or glides must be installed upon assembly.

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Leg Assemblies (cont.)

Screw-Adjustable Height Leg (Nesting-Top Base)

An 11-gauge steel leg support bracket is welded to the 1 3/4" diameter, 14-gauge upper leg tube. The lower leg structure consists of 4 mm steel feet welded to a 2 1/4" diameter, 14-gauge steel outer vertical tube. The inner leg tube is supported in the lower, outer leg tube by a set of Delrin glide bushings. The inner tube contains a set of threaded adjustment holes spaced 1" apart which mate up with two holes on the outer leg. By removing the 1/4-20 x 1/2" locking screws, the tabletop height may be adjusted in 1" increments. Each leg assembly is attached to the mechanism using four total 1/4 -20 x 5/8" Torx head (T-30) thread forming screws. The legs are joined by a 1 1/4" by 2", 14-gauge rectangular steel tube cross-brace bar that is secured in place with six total 1/4 -20 x 5/8" Torx head (T-30) thread forming screws. Leg assemblies ship with foot covers installed, but casters or glides must be installed upon assembly.

On screw-adjustable height tables, the top of the tabletop adjusts up and down between 29" and 44" from the floor by manually removing the two locking set screws located on the inside of each leg below the lower cross-brace, and adjusting the top up or down in 1" increments, then replacing the locking set screws.

Screw-Adjustable Height Leg (Fixed-Top Base)

An 11-gauge steel leg support bracket is welded to the 1 3/4" diameter, 14-gauge upper leg tube. The lower leg structure consists of 4 mm steel feet welded to a 2 1/4" diameter, 14-gauge steel outer vertical tube. The inner leg tube is supported in the lower, outer leg tube by a set of Delrin glide bushings. The inner tube contains a set of threaded adjustment holes spaced 1" apart which mate up with two holes on the outer leg. By removing the 1/4-20 x 1/2" locking screws, the tabletop height may be adjusted in 1" increments. Each leg assembly is attached to the mechanism using four total 1/4 -20 x 5/8" Torx head (T-30) thread forming screws. The legs are joined by a 1 1/4" by 2", 14-gauge rectangular steel tube cross-brace bar that is secured in place with six total 1/4 -20 x 5/8" Torx head (T-30) thread forming screws. Leg assemblies ship with foot covers installed, but casters or glides must be installed upon assembly.

On screw-adjustable height tables, the top of the tabletop adjusts up and down between 29" and 44" from the floor by manually removing the two locking set screws located on the inside of each leg below the lower cross-brace, and adjusting the top up or down in 1" increments, then replacing the locking set screws.

Casters and Glides

Each table includes either glides or casters. Tables with casters will include two-wheel locking casters, made of molded nylon and are two-tone Starlight Silver and black. Glides are made of molded nylon and are two-tone black and white. Glides and casters are interchangeable without changing table height. Caster wheels are a minimum of 2.44" (62 mm) diameter. Caster wheel treads are medium hard (75 max Shore A) for easy mobility on carpet or hard floors. Glides have a smooth convex bottom surface for mobility. 2 3/4" diameter black nylon glides are optional. Glides have 1" of telescoping height adjustment to level the table height. Steel 1/2" threaded stems attach the glides to legs. Casters and glides ship unassembled.

Wire Management

Cable Trough

The cable trough is a cable and cord management accessory that is provided on all versions of the table. Constructed of 18-gauge steel with a black powder-coated finish. Screws are provided for attachment to the underside of the tabletop, and tops are pre-drilled for cable trough locations. Provides multiple access holes to feed wires, and cables.

Vertical Leg Wire Management

A color matched extrusion made of aluminum "snaps" to the Pirouette leg, managing cables and wires exiting power modules or through standard grommets installed on the tabletop. The extrusion is 12" long. Vertical wire managers are included when power options are ordered.

Velcro® Wire Management

The Velcro wire manager is constructed of 2" x 4 1/2" Velcro hook and loop material. The wire manager is provided with adhesive backing and screws for attachment to the underside of the top. Tops are pre-drilled for locating wire managers, but a wire manager may be applied in any convenient location. Wire clips are provided when power modules with 3-prong plugs are ordered. Field installed.

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Grommets

Flip-Top Grommets for Dean® & Nacre® Power Modules

Flip-top grommets are surface-mounted covers, constructed of 18-gauge steel. Grommets have a flip-up receding door and are identical in cutout size to the Nacre or Dean power modules listed below, which allows for retrofitting corresponding power modules at a later date. One grommet ships per table, which is located in the center of the tops. Two grommets ship per conference table, which are located near the center of the tops. Grommets are finished with powder-coat paint and available in all KI paint colors. The flip-up door is designed to allow cords to remain routed through the opening while it is closed and allows for more cord routing space when the flip-up door is opened. Field installed.

Circular Grommet for Node® Power Module

The Node circular grommet is an open top, surface-mounted grommet constructed of aluminum. The overall diameter of 3.15" fits into a 3" diameter cutout in the surface. One grommet ships per table, which is located in the center of the tops. Two grommets ship per conference table, which are located near the center of the tops. Grommets are finished with powder-coat paint and available in all KI paint colors. Not available in chrome. Field installed.

Power Modules

Dean In-Surface Power Module with 3-Prong Plug

Dean In-Surface power module consists of two simplex receptacle ports (rated at 15 amps/125 volts), one USB-A port and one USB-C port, 2 amps per port, and one data jack opening. The module can be modified to fit various brand jacks. Data tree ships with Dean in-surface power modules. Data connectors are not supplied with the module and are purchased by the customer. The Dean in-surface module is 8.12" long by 2.31" wide by 2.5" high and fits securely into a 7.81" x 1.93" cutout. Module is mechanically attached to the worksurface with screws from the underside. The module has a molded plastic faceplate with steel trim and an aluminum housing. Modules comes standard with either 9' or 15' cord with a 3-prong plug. Dean power module is rated at 15 amps/120 volts, and is UL listed.

Dean Clamp-On Power Module with 3-Prong Plug

Dean clamp-on power module consists of two simplex receptacle ports (rated at 15 amps/125 volts), one USB-A and one USB-C port, 2 amps per port. Dean clamp-on module Is 5.50" long by 3.06" wide by 3.38" high. The module has a smooth molded plastic faceplate with an anodized aluminum housing. Clamp-on mounting style positions the module at a right angle to the worksurface and uses two thumb screws for attachment, without the need for table cutouts. Clamp is 3" wide, extends $1\frac{3}{4}$" onto edge of surface and can accommodate a maximum surface thickness of $1\frac{1}{2}$". Modules come standard with either 3', 9' or 15' cord with a 3-prong plug. Dean power module is rated at 15 amps/120 volts, and is UL listed.

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

Nacre Pop-Up In-Surface consists of two simplex receptacle ports (rated at 15 amps/125 volts), one USB-A port and one USB-C port, 2 amps per port, and one data jack opening. The module can be modified to fit various brand jacks. Data tree ships with Nacre power modules. Data connectors are not supplied with the module and are purchased by the customer. Nacre is 7.25" long by 3.31" wide by 2.92" high and fits securely into a 6.94" x 3" cutout with .38" radius corners. The module is made of molded plastic. The module is a pop-up design with a dampened spring-loaded mechanism to allow the unit to smoothly open for use and close smoothly when not in use. Modules come standard with either 9' or 15' cord with a 3-prong plug. Nacre power module is rated at 15 amps/120 volts, and is UL listed.

Dubbel™ Undersurface Power Module with 3-Prong Plug

Dubbel undersurface module consists of two simplex receptacle ports (rated at 15 amps/125 volts), one USB-A port and one USB-C port, 2 amps per port. Dubbel is 7.63" wide by 1.75" tall by 5.25" deep. The module is made of molded plastic and secures under the worksurface with two $\frac{5}{16}$ x 2" Phillips round-head screws. Modules come standard with either 3', 9' or 15' cord with a 3-prong plug. Dubbel power module is rated at 15 amps/120 volts, and is UL listed.

TECHNICAL SPECIFICATIONS

Power Modules (cont.)

Node® In-Surface Power Module with 3-Prong Plug

Node In-Surface power module consists of one simplex receptacle port (rated at 15 amps/125 volts), includes one USB-A port , and one USB-C port, 2 amps per port. Node is 3.38" in diameter by 3.30" tall fits and securely into a 3" diameter cutout. The module housing is made of plastic with a powder-coat painted aluminum faceplate. Modules come standard with either 9' or 15' cord with a 3-prong plug. Node power module is rated at 15 amps/120 volts, and is UL listed.

Polyester Felt Modesty Panel

Polyester felt modesty panels are constructed from a sound-absorbing, 100% polyester felt. The panels have a density of 0.5 lb/ft^2 and are sound absorbing tested to ASTM C423 with an NRC rating of .44 when using no air gap (A-Mount testing method) and an NRC rating of .81 with 2" air gap. The polyester felt is in accordance with ASTM-E84 and achieve a Class A Flame Spread. Standard sizes are 9 1/4" high by 28 1/2", 34 1/2", 40 1/2", 46 1/2", 52 1/2", 58 1/2", 64 1/2", and 70 1/2" wide.

Mounting Hooks

The mounting hooks are 18-gauge steel and attach underneath the tabletop using two steel screws. Panels 28 1/2", 34 1/2", 40 1/2" and 46 1/2" wide use two hooks per panel. Panels 52 1/2", 58 1/2", 64 1/2" and 70 1/2" wide use three hooks per panel.

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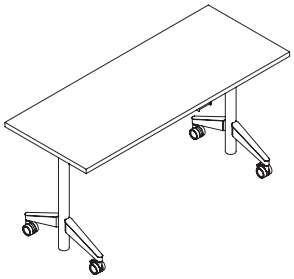
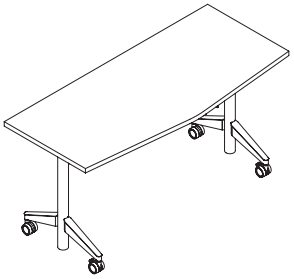
STATEMENT OF LINE

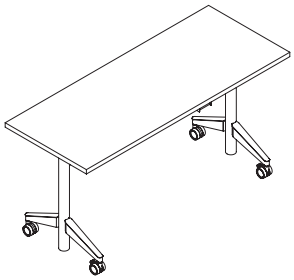
Pirouette HA Tables - Fixed-Top Base



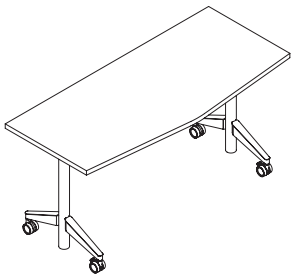
Rectangular Table
Pneumatic-Adjustable Height
PPFR



Chevron Table
Pneumatic-Adjustable Height
PPFCV



Rectangular Table
Screw-Adjustable Height
PSFR

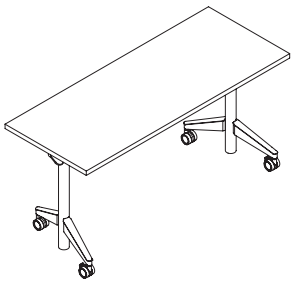


Chevron Table
Screw-Adjustable Height
PSFCV

Pirouette HA Tables - Flipping & Nesting-Top Base

Rectangular Table
Pneumatic-Adjustable Height
PPNR

Chevron Table
Pneumatic-Adjustable Height
PPNCV



Rectangular Table
Screw-Adjustable Height
PSNR

Chevron Table
Screw-Adjustable Height
PSNCV

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