

PRODUCT SPECIFICATIONS

Pirouette® Tables

Tables with Pattern™ Electrical, Power Modules with 3-Prong Plug or No Power

March 2024

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.

Flipping/Nesting Table Frame

The framework for table support and flipping/nesting operation consists of 30 mm x 50 mm x 3 mm thick wall steel tubing, with 4 mm thick formed steel support hubs welded to the tubes for mounting the legs. A 3 mm formed steel table support bracket is attached to the beam and hub structure using a 10 mm diameter steel pivot pin. #12 x 1 3/4" Phillips wood screws attach the framework brackets to the tabletop. A 9.9 mm steel hex rod connects the latch mechanism and is connected to a nylon release paddle on either end of the table base. The table latch release handle is actuated by squeezing the paddle on either end to the underside of the tabletop. Pulling upward raises the tabletop for nesting storage.

To lower the table, grasp the top center of the tabletop edge and lower the surface to allow the latches to engage once the surface is down. 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.

Leg Assemblies

Flipping/Nesting Table

The leg assembly consists of one right-hand leg and one left-hand leg, with three leg depth options. One depth fits 18" deep tables; one fits 24" and 30" deep tables; the other fits 36" deep tables. Leg height is fixed to provide 29" high tabletop height. An ADA table height of 32" is accomplished using 3" leg extensions threaded into the bottom of the leg. Café height of 36" and standing height of 42" are also available. Leg construction consists of 2.2" diameter, .10" thick wall steel tubing with a 4 mm thick steel pivot plate welded to it. The feet consist of two 4 mm thick blades welded to the leg tube. The blade covers are aluminum die cast, attached with self-tapping metal screws. The leg assemblies are bolted to the table frame structure using two M12 x 25 mm flat head bolts. Leg assemblies ship with blade covers installed but casters or glides must be installed upon assembly. A hardware kit is shipped with the base that consists of a cover that must be installed after the leg assembly to prevent access to the pivot mechanism.

Fixed T-Base Table

Three T-base leg depths are available. One depth fits 18" deep tables; one fits 24" and 30" deep tables; the other fits 36" deep tables. Leg height is fixed to provide 29" high tabletop height. An ADA table height of 32" is accomplished using 3" leg extensions threaded into the bottom of the leg. Café height of 36" and standing height of 42" are also available. Leg construction consists of 2.2" diameter, .10" thick wall steel tubing with a 5 mm thick steel plate welded to it. The feet consist of two 4 mm thick blades welded to the leg tube. The blade covers are aluminum die cast, attached with self-tapping metal screws. The leg assemblies are attached to the tabletops using #12 x 1" screws. Leg assemblies ship with blade covers installed but casters or glides must be installed upon assembly.

Fixed TT-Base Table

Some larger fixed leg tables use a T or TT-base style leg. Available standard in one depth of 38" to fit 42" and 48" deep tables. Leg height is fixed to provide only 29" high tabletop height. ADA table height of 32" is accomplished using 3" leg extensions threaded into the bottom of the leg. Leg construction consists of 2.2" diameter, .10" thick wall steel tubing with a 5 mm thick steel plate welded to it. The feet consist of two 4 mm thick blades welded to two leg tubes separated by a 1" x 2" welded steel cross tube, and the blade covers are aluminum die cast attached with self-tapping metal screws. The leg assemblies are attached to the tabletop using #12 x 1" screws. Leg assemblies ship with blade covers installed but casters or glides must be installed upon assembly.



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Fixed C-Base

Some shaped tables use three or four C-base style legs. Available standard in one length of 14". Leg height is fixed to provide only 29" high tabletop height. ADA table height of 32" is accomplished using 3" leg extensions threaded into the bottom of the leg. Leg construction consists of 2.2" diameter, .10" thick wall steel tubing with a 5 mm thick steel plate welded to it. The foot consist of one 4 mm thick blade welded to the leg tube, and the blade covers are aluminum die cast attached with self-tapping metal screws. The leg assemblies are attached to the tabletop using #12 x 1" screws. Leg assemblies ship with blade covers installed but casters or glides need to be installed upon assembly.

Fixed X-Base

Some round and square shaped tables use X-base style legs. Available in a standard 28" x 28" style foot configuration. 29", 36" and 42" tabletop height configurations are available on various sizes. Leg construction consists of 3" diameter, .10" thick wall steel tubing with a 5 mm thick steel plate welded to it. The foot consist of one 4 mm thick blade welded to the leg tube, and the blade covers are aluminum die cast attached with self-tapping metal screws. The leg assemblies are attached to the tabletop using #12 x 1" screws. Leg assemblies ship with blade covers installed but casters or glides need to be installed upon assembly.

Casters and Glides

Each table includes either glides or casters. Each table with casters will include two-wheel locking casters. Casters are 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. 2³/₄" diameter black nylon glides are optional. Glides have 1" of telescoping height adjustment that adjusts table height from 28¹/₂" to 29¹/₂". Steel 1/2" threaded stems attach the glides to legs. Casters and glides ship unassembled.

Ganging Mechanism

After installation of pegs, no tools are required to join tables together. Tabletops are pre-drilled for placement of ganging pegs. Two gangers and six pegs are included in each kit. If table is specified with power modules for Pattern™, two gangers, eight pegs and all mounting screws are included in the kit. One kit per table joint is required. All ganging accessories are included for tables with Pattern electrical. Field installed. Gangers are self-storing under the table when not in use. Ganging kits are ordered separately for all other table models.

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.

Wire Trough

The wire trough is a cord management accessory that is provided with the Pirouette table if Pattern components are specified with the order. If the Pirouette table is specified with any 3-prong plug module unit, then a wire trough must be ordered separately. Constructed of 18-gauge steel with a powder-coated finish in all KI standard finishes. Screws are provided for attachment to the underside of the tabletop, and tops are pre-drilled for wire trough locations. Provides multiple access holes to feed wires, and includes cutouts for installation of additional Pattern snap-in RPT power modules.

Velcro® Wire Management

The Velcro wire manager is constructed of 2" x 4¹/₂" 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. Two or five Velcro wire managers are included when Pattern power modules are ordered, and 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

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 come standard with either 9' or 15' cord with a 3-prong plug, or a 20" cord with a Pattern™ connector. A 40" cord option is available for larger conference tables with two power modules. Dean power module is rated at 15 amps/120 volts and is UL listed.

Dean Clamp-On Power Module

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 3/4" onto edge of surface and can accommodate a maximum surface thickness of 1 1/2". Modules come standard with either 3', 9' or 15' cord with a 3-prong plug, or a 40" cord with a Pattern connector. Dean power module is rated at 15 amps/120 volts and is UL listed.

Nacre Pop-Up In-Surface Module

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, or a 20" cord with a Pattern connector. A 40" cord option is available for larger conference tables with two power modules. Nacre power module is rated at 15 amps/120 volts and is UL listed.

Dubbel™ Undersurface Power Module

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 5/16 x 2" Phillips round-head screws. Modules come standard with either 3', 9' or 15' cord with a 3-prong plug, or a 40" cord with a Pattern connector. Dubbel power module is rated at 15 amps/120 volts and is UL listed.

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Node® In-Surface Power Module

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, or a 20" or 40" cord with a Pattern connector. Node power module is rated at 15 amps/120 volts and is UL listed.

Snap-In RPT Power Module

Snap-In RPT module is only available for use with Pattern™ electrical system. Snap-in module consists of two simplex receptacle ports (rated at 15 amps/125 volts). Snap-in RPT fits securely in user facing cutouts located on the wire trough, mounted under the table. Modules comes standard with a 20" or 40" pattern connector, rated at 15 amps/120 volts and is UL listed.

Pattern Electrical System

Select Pirouette table models can be configured with Pattern electrical system. The Pattern electrical system is ETL Listed, evaluated to safety standard UL 962A (USA) and CAN/CSA-C22.2 No. 308 (Canada). It allows for a maximum up to ten distribution blocks and up to 50' of power jumpers from the power infeed (in either direction), whichever comes first. Pattern allows up to eighteen power modules depending on table width, and connects to one 15-amp power supply cord (power infeed). Pattern is a non-sequential system and the infeed is compatible with ground fault interrupter (GFI/GFCI) outlets. Power modules for Pattern are specified as an option on Pirouette tables.

Pattern Power Distribution Blocks

Pattern power distributions blocks are standalone connectors, each containing four port locations. Distribution blocks are included with appropriate power jumper and power infeed kits, so do not need to be ordered separately. Distribution blocks bring the power infeed, power jumpers, and power modules together and allow power to be efficiently supplied to each table. Two distribution block types are included with the Pattern system, grey and white.

Pattern Table-to-Table Power Jumper Kits

Pattern table-to-table jumper power kits come with one grey distribution block and an appropriately sized power jumper. Jumpers are nonsequential and are keyed on each end to connect between distribution blocks. Table-to-table power jumper kits are ordered separately, according to layout configuration.

Pattern Power Infeed Kits

The Pattern power infeed kit must be ordered separately. Site configurations vary and will affect the number of power infeeds required. The number and size of tables, as well as the number of receptacles per table and amperage needs in each ganging configuration will determine the number of power infeed kits required at any given installation. Infeeds can be installed anywhere in the run.

Kit comes with one grey Pattern power distribution block, one 12" power jumper, one white Pattern power distribution block and Pattern power infeed cord. Power infeed consists of a 15-amp plug on one end of the 108" cord and a keyed connector at the opposite end of the cord. Kit includes a vertical wire manager. A Pattern quick-release tool is also included to assist with disconnecting connector ends from distribution blocks.

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/ft² and is 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. Modesty panels are 9 1/4" high on 29" (standard-height) tables and are 15" tall on 36" and 42" height tables. Modesty panel widths are 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".

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.

