

Technical Specifications ■

Portico® Table

March 2011

Portico® Pedestal Base Table

This system employs 14-gauge, 1^{3/4}" O.D. tubular 1010 steel columns in fixed, folding or flip-top models. Foot tube is 16-gauge, 1^{3/4}" x 7/8" elliptical steel. Portico includes T, TT, LX and cantilevered 'T' base combinations. LX series is furnished with 3" O.D. seamless tubular steel column. Plastic end caps are secured via a "force fit". The column cap is secured via a screw. Column-to-foot tube joints will be silver brazed with 505 alloy (50% silver and 50% other, including 2% nickel added for a strong joint). Adjustable glides are secured to the legs via steel inserts in foot tube (riv-nuts) which provide a 5/16" threaded hole for the glide.

Fixed Base

Fixed table column welded to an 8" x 8" square, 12-gauge sheet steel plate with formed ribs for added strength and 4 mounting screws (7/16" hole for a #14 screw). LX base will be welded to an 8" x 8", 1/4" sheet steel plate.

Folding Base

Portico table's folding mechanism is built of 11-gauge (.120" thick) hot rolled, black zinc plated steel. The folding mechanism easily releases and folds leg tightly to table bottom and securely locks with two injection molded polypropylene clips. When opened, legs engage into place for a tight, rigid fit between leg and mechanism. Locks are built of 10-gauge (.135" thick) black zinc plated hot rolled steel and rotate into place with .075" diameter wire torsion springs. Mechanism utilizes 1/4" diameter black zinc plated solid rivets in all pivoting joints. Leg pivots about a 5/8" diameter solid steel support rod. Built-in nylon bumpers keep tables separated to prevent marring when tables are stacked on edge.

Flip Top Base

The mechanism will be made of formed steel plates hinged at one end with a steel hinge pin. The lower plate will be welded to the base. The upper plates will be attached to the table top with six wood screws. As the table top is rotated from its storage position to its use position, a lock rod fixed to the upper plate will deflect the lock bar until it snaps into engagement. Cam surfaces on both ends of the lock bar will engage ends of the lock rod to prevent looseness in the mechanism. To store the table the release handle on the lock bar is pushed and the table is rotated to its storage position. The lock is designed to lock firmly and to be dependable, with only one moving part in the lock mechanism.

Lightweight Table Top

Lightweight top is a "5-ply" sandwich consisting of .050" thick laminate, 5.2mm 3-ply plywood, .75" thick high density particle board w/ honeycomb pockets, 5.2mm 3-ply plywood and a .040" HPL backer. The sandwich is glued together in a cold press operation. Base mounting holes are pre-drilled.

Standard Tops

Tops consist of a 1 1/8" thick high-density particleboard core with a .020" high-pressure laminate top and .020" phenolic backing sheet. Tops are pre-drilled. Vinyl "T" molding will be press fit into particle board core. KI tables can hold a maximum of 1.5 lbs for each inch of perimeter evenly distributed over the top.

Edge Treatments

Vinyl Bullnose (54B)
Self Edge (64E)
2mm PVC (74P)
1 3/4" Wood Bullnose (15W)

PowerUp® Module

PowerUp is a UL Listed, relocatable power tap, which mounts flush into the table top. Portico tables are available with one or two power/data modules, PowerUp, centrally located 4 1/4" from front edge of table top. When flipped up, cover open, one (1) duplex receptacle and two (2) data ports are exposed. The underside of the table is provided with a hinged plastic channel (cord management trough) which covers the bottom of the module. This channel, furnished with metal dividers, is provided for the routing of the power supply cords and data lines. The PowerUp module is 6 1/4" long by 3" wide by 2 1/2" high when opened. It is provided with a 9 ft. or 15 ft., 3-conductor cord and is rated 120V A/C, 15A. The cover snaps into the upright position to allow cords to be unplugged without the cover closing. The data ports are molded to accept AT&T "M" Series, RJ45 jacks. The module can be modified to accept various brand jacks. Cords are further managed by the vertical leg wire manager which comes standard with PowerUp.



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PowerUp® Data Trough

This channel utilizes a metal divider to separate power and communications/data cables. The trough is constructed of rigid PVC approximately .06" thick. The trough measures 1.34" deep and 36" long. The trough includes a 24 gauge "Z" shaped metal divider measuring 1¹/₄" by 1¹/₄" and is attached to a groove in the trough. The trough profile allows the legs of the table to be folded and allows the table to be stored without removing the PowerUp module.

Folding Modesty Panels

Panel will be .685" thick particleboard faced on both sides with laminate that matches table top. Modesty panels are 6¹/₄" high by length of table. Mounting brackets are black and packed with base. Table top and panel are pre-drilled. Lower edge of panel extends 8¹/₄" from underside of table. The modesty panel is shipped KD.

Leg Wireways

Leg wireways will be scuff resistant, high impact, rigid PVC plastic with two separate wire channels per leg. Leg wireways will be fastened to the legs using a full length adhesive bond. Wireways will be available in black only. They will be shipped assembled. There will be one wireway per leg.

Grommets

Plastic grommets are 3" diameter and recessed into table top. Cap is removable and has retractable slot cover. Two grommets per top. Grommet option is available on rectangle tables 96" and smaller except for all 18" x 60" and 24"x 60" cantilevered fixed and folding tables (24" x 60" tables with standard fixed bases are okay). Grommet location for tables that are 36" deep and smaller will be on the corners of the table. Grommet location for the tables 42" deep and larger will be the centerline of the table.

Under-Table Wire Harness

Constructed of high quality black Velcro. Harness is fastened to table bottom with screws. Shipped assembled. Wire management options (HO, HW and WO) are only available on rectangle tables 96" and smaller (not available on any cantilever, flip-top or folding tables).

Table Truck

Product minimums for the truck will be 48" round or square and 18" x 48" rectangular. Maximum table sizes are 48" x 96" rectangular or 60" round or square. Maximum number of Portico folding tables will be 6, short fold will be 4. Overall dimension of the truck will be 30" wide, 60" long and 54" high. Overall weight will be 90 lbs. The truck platform will be constructed of 2" x 2" angle iron and the two side rails of 1" diameter x 14-gauge tubing. Two swivel and two rigid 5" diameter casters with heavy-duty roller bearings will permit easy and safe movement on any hard floor surface. Shipment will be in two packages: one with the truck platform and one with the two side rails. Assembly with four thumbscrews will be required.

Chroming

Steel surfaces will be duplex nickel-chrome plated in a twenty-two step process. This process is the same as is used in the automotive industry for exterior finishes.

Brazing

Brazing will entail the joining of two metal parts by melting an alloy into the joint between the two parts. By heating the joint and melting the alloy through contact with the joint, the alloy will be pulled into the joint through a phenomenon called capillary action. This will create a strong bond between the two parts. The joint is actually stronger than the parent material. Plus, joint appearance will be clean and smooth.