

TOLEDO

FURNITURE

Product Specification

Brand: Toledo Furniture

Product Line: Scholastic

Table Assembly

- All modular table components and table assemblies including Free-Standing, End Starter, End Adder, Center Adder, Single-sided and Dual-sided tables shall be UL listed for load and conformance to horizontal burn testing requirements.
- Bidder shall submit UL file number as verification.
- Approved UL file number for Toledo Scholastic, Educator and Trapezoid furniture is: UL File #E301184
- Table assemblies shall use only UL listed electrical, data and communications components. **U.L. recognized does not satisfy this requirement.**
- Tables shall support required load per UL testing requirements.
- Shall be suitable for use in a variety of connection and configuration methods including fixed or mobile, freestanding or modular group of tables.
- Reconfigurable to support a multitude of room arrangements and applications.
- Uses work surface support keels on tables 60" long or longer that stabilize the surface to within 1/8".
- Available in more than 25 standard colors with customer custom color selection available.
- Assembled using 12 ga. steel mounting brackets and 1/4-20 hex bolts into threaded metal inserts embedded in the work surface and 1/4-20 hex bolts threaded into tapped holes in the leg to a torque of 8 ft. lbs.

Work Surface:

- CNC routed for precision placement (within 1/32") of electrical, data and mounting devices.
- Shall be configurable with the following materials and edges:
 - Post formed high-pressure laminate (HPL) on front, and/or back edges as specified.
 - Color coordinating or Black PVC edge banding in .020" or 3 mm thick as specified.
 - Work surface shall be configurable flush with or overhang the leg assembly up to 3" maximum on all sides.
 - Shall be available with any standard grade HPL high-pressure laminate from WilsonArt® or Formica®.
 - Constructed using 1-1/8" thick 45lb industrial grade thermofused board with .020 Phenolic backer and HPL laminate bonded to the core material.
 - Solid wood edge bands available. See details defined on the company website.
 - Also available in Chemical resistant Phenolic Resin, Solid Maple.
- Shall use 1/4-20 UNC threaded metal inserts embedded in the top for secure mechanical fastening of the work surface to the table assembly to a torque of 8 ft. lbs. per 1/4-20 bolt.

Leg Assembly:

- Shall be "C" or "I" shaped for single or dual sided tables respectively determined by the depth of the work surface specified.
- Constructed of 11 ga. (.12") wall welded steel tube x 2" x 3" and 2" x 4", drilled and tapped 1/4-20 UNC to accept threaded hex bolts and hardware to a torque of 8 ft. lbs.
- Shall support the required load per UL testing requirements.
- Leg assemblies shall use a proprietary vertical stile 2" x 2" for the open trestle at the ends of tables.
- Trestle style End Legs shall have an end closure panel installed. A variety of styles are available.
- Trestle stiles shall be drilled and tapped 1/4-20 UNC for assembly of the closure panel.
- "C" legs shall be miter cut and butt-jointed. "I" legs shall be square cut and butt-jointed.

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Leg Assembly con't.

- Legs shall be constructed with full fillet electric arc welds, ground smooth and flush.
- Legs shall be powder paint coated.
- Leg stiles shall have a 2" x 3" pass-through opening and ¼-20 UNC drilled and tapped holes on the inside surfaces to conceal and protect cabling and provide for table assembly.
- Leg openings shall be fitted with polymer end caps to close all openings.
- Legs shall be fitted with adjustable glides or casters as specified.

Corner Leg Post

- Shall be constructed of 11 ga. (.12) wall welded steel tube x 2" X 2" drilled and tapped ¼-20 UNC.
- Shall be attached to the work surface with 12 ga. steel mounting brackets and ¼-20 hex bolts and hardware.

Raceways

- Route, conceal and protect all electrical, data and communications lines in an enclosed assembly with a latchable full-length access door.
- Raceways shall be 12" deep to enable use as a modesty panel and utility / data cable raceway.
- Raceways shall be capable of mounting with the access door under table or facing outward for maximum utility.
- Shall be 18 gauge steel x 4" W X 12" D x Table Length – 4" and powder paint coated.

Modesty Panel

- Shall be designed for use with or in lieu of a raceway.
- Modesty Panels shall be 20 ga. steel x 2" x 12" x table length and assemble using ¼-20 UNC hex bolts and hardware.

Reinforcement Keels

- Shall be constructed of 14 ga. steel x 1" H x 3-1/2" W x 60" or 72" nominal length and formed in a "W" shape to stabilize the work surface to within 1/8".
- Shall be used on work surfaces 60" or greater length.

Casters

- 4" diameter and rated to 100 lbs., each
- Shall be supplied in pairs, 2 swivel and 2 fixed with brake.

End Closure Panel

- The panels are a means to provide closure at the ends of tables and desks.
- Panels fabricated in steel shall be made of 18-gauge perforated steel and powder coated.
- Panels fabricated in HPL shall be ¾" thick 45lb thermofused board with HPL and 3mm PVC edge band.
- Tables shall utilize a proprietary welded steel trestle stile to attach End Closure Panels.

Adjustable CPU Holder and CPU Rack

- Adjustable CPU holder mounts underneath the work surface.
- Shall be constructed of steel with adjustable width (5"-9½") and height (15"-21").
- Finish is smooth black powder coat and shall be an open style for maximum air circulation.
- Unit includes mounting hardware and foam pads.
- The rack CPU holder mounts underneath the work surface at either a right or left side position.
- The rack CPU shall be expandable 6½" to 10" wide X 18" X 21".

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Electric

- Shall use a 7-wire 3-circuit modular electric system constructed using UL listed components. Note: UL recognized does not meet this specification.
- Shall consist of 20 Amp hardwire or plug-in power feed starter cables with modular connection points to 2-sided power blocks containing 6 receptacles per seat, and modular plug-in interconnecting cables.
- Shall be capable of incorporating Headphone plug-in jacks mounted in the leg assembly at the front, user side of the table and wired into the raceway and to the CPU or Data cable management system as specified and also include Headphone hanger brackets mounted to the work surface underside.
- Shall be capable of incorporating Electric and Data connection points in the leg assembly at the front, user side of the table and wired into the raceway and to the CPU or Data cable management system as specified.
- Electric and Data cable connections to devices on top of the work surface shall be inside the raceway and accessible through table top grommets.
- Power strips are not part of this specification and are not permitted.
- One of the circuits shall utilize an isolated ground.

Book Box

- Shall mount to the underside of the worksurface using 1/4-20 UNC threaded metal inserts embedded in the work surface for secure mechanical fastening of the book holder to the work surface to a torque of 8 ft. lbs. per 1/4-20 bolt.

Finishes

- Metal components, i.e. legs, raceways, etc. shall be finished using an environmentally friendly electrostatic spray applied and baked Epoxy or Polyester Powder Paint Coating determined by color selection of the customer.
- HPL, High Pressure Laminate selections shall be from Wilsonart and Formica brand, "Standard Price Grade" laminates.
- Work surface edges shall be of as follows
- Front or Back may be Postformed or finished using 3mm PVC or .02" PVC color coordinating or black edge banding.
- Side edges shall be finished in choice of 3mm PVC or .02" PVC color coordinating or black edge banding.

UL Listing:

- All Toledo Furniture, Inc. Scholastic Free-Standing and Modular Starter Adder Single Face, End Starter, End Adder and Center Adder tables are approved to use the UL Listing under File #E301184. Testing includes load and horizontal burn ratings.