General
Tables ship fully assembled. Tables are listed to applicable UL standards and requirements by Underwriters Laboratories, Inc.

Lift Mechanism
Tables fold and open in one fluid motion, assisted by a combination of pneumatic cylinders and a torsional energy storage system. This combination ensures safety and ease of use through a controlled, effortless operation. The table stays in a teepee position for easy handling. Torsion-bar-only assists or spring assists are not to be used.

Tops and Benches
Tabletops and benches are of solid core warp-resistant construction. Center core is 5/8" thick 45# high-density particleboard. A .040 high-pressure laminate face is used for the top surface with a balanced high pressure laminate backer for the bottom surface. Tabletops and benches are attached to the table frame with deep thread screws; expansion rivets are not to be used. Corners have a 1 ½" radius.

Benches
Bench supports are robotically welded steel construction of 14-gauge tubular frame steel with 6" square, heavy-duty 11-gauge steel plates welded to uprights. Benches are secured to steel plates with deep thread screws. Each split-bench requires two plates. Full benches for 8’ tables require two plates; full benches for 10’ and 12’ tables require three plates. No field assembly required.

Stools
Stool supports are robotically welded steel construction consisting of a 14-gauge tubular frame with 6” square, heavy-duty 11-gauge steel plates welded to uprights. Poly stools are attached to the steel plate with deep thread screws. Thermoset hard plastic stools are attached with carriage bolts. No field assembly required. Stools are one of the following:

Edges
Tabletop and bench edges are finished in one of the following:
A. Bullnose edge: (Flat vinyl T-edge) Edges are banded with an abrasion-resistant vinyl bullnose molding. The barbed “T” design is inserted into a routed groove in the solid particleboard top and held in place with nails driven from the underside, spaced approximately 8-10” apart.
B. Perfect Edge: Made of ¼” thick by ¾” high cast black polyurethane. The Perfect Edge is mechanically and chemically bonded to the table core and chemically bonded to the laminate surface edge, providing a superior, permanently sealed barrier to moisture, dirt, and bacteria penetration.

Frame Finish
Frame finish is one of the following:
A. Powder-Coated Finish: Epoxy powder coating is electrostatically applied. The dry coating is fused and cured in a baking oven to form a smooth, continuous film. Finish is chemical-resistant, hard, tough, and chip/mar-resistant. The standard finish is black.
B. Chrome Finish: Bright and semi-bright duplex nickel-chrome is applied to the frame in a twenty-two step process, creating a superior surface finish that is extremely resistant to staining, scuffing, scratching, and corrosion.

Locks
Gravity lock constructed of 3/8” solid steel rods engages automatically into slots in apron hinge, eliminating the possibility of folding unexpectedly. The exclusive storage lock is gravity operated for automatic engagement and semi-concealed to prevent accidental release. Release of gravity and storage locks is possible from either side of the table.

Glides
For increased surface area and durability, non-marring 1.25” x 12” glides made of nylon plastic material are standard. Set of eight per table.

Casters
Large 4” diameter heavy-duty hard rubber swivel casters provide easy and safe maneuverability. When the table is in use, casters lift off the floor to prevent the table from rolling. To avoid tripping hazards, casters do not extend beyond the outer edge of the tabletop when in the open position. Tamper-resistant caster covers are used to prevent the trapping of dirt, dust, or food. Casters are self-lubricating.