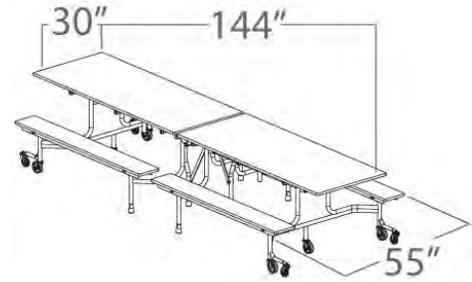


63t BENCH TABLE PRODUCT SPECS

Revised: February 18, 2010

Models Include:

- ▶ 63T09293008
- ▶ 63T09273010
- ▶ 63T09293010
- ▶ 63T09273012
- ▶ 63T09293012
- ▶ 63T09303012* (WC accessible)



MATERIALS

a. Tabletop

The core is 3/4" M-3 industrial grade particleboard with average density of 45 P.C.F. The particleboard panel has a smooth surface for laminating. The longer core particles enhance the core strength and dimensional stability. Tabletop thickness is .80" +/- .020".

The top is laminated with Wilsonart® .030 high-pressure laminate for superior abrasion resistance. Meets or exceeds NEMA specifications.

.028 Wilsonart® Phenolic Backer bonded to the bottom of the core, providing the fabricated piece with balance and protection from the effects of humidity in their normal use.

Top is secured to frame with #10 x 3/4" screws for superior holding power and ease of replacement, 9" on centers.

Edges are sealed and finished with black EdgeGuard™. EdgeGuard™ is a sprayed on polyurea edge treatment that provides superior resistance to moisture, eliminates unsanitary food traps, and is extremely tamper resistant. Additional colors are available: desert sand, slate, tan, country blue, light gray, and red brick.

b. Benchtop

The core is 3/4" M-3 industrial grade particleboard with average density of 45 P.C.F. The particleboard panel has a smooth surface for laminating. The longer core particles enhance the core strength and dimensional stability. Bench top thickness is .80" +/- .020".

The top is laminated with Wilsonart® .030 high-pressure laminate for superior abrasion resistance. Meets or exceeds NEMA specifications.

.028 Wilsonart® Phenolic Backer bonded to the bottom of the core, providing the fabricated piece with balance and protection from the effects of humidity in their normal use.

Top is secured to frame with #10 x 3/4" screws for superior holding power and ease of replacement, 9" on centers.

Edges are sealed and finished with black EdgeGuard™. EdgeGuard™ is a sprayed on polyurea edge treatment that provides superior resistance to moisture, eliminates unsanitary food traps, and is extremely tamper resistant. Additional colors are available: desert sand, slate, tan, country blue, light gray, and red brick.

Benches fold up with table for easy cleaning of floor beneath the table and quickly folding up and moving to storage area.

Removing two bolts allows any bench to be removed, facilitating use of chairs and/or wheelchair accessibility.

c. Frame

Table frame is self-supporting, MIG welded; unitized frame design uses 14-gauge 1" and 1-1/4" steel tubing. Center support legs are 11-gauge 1-1/4" steel tubing. Tubing at casters is double walled to prevent tube seam tear out. Lock plates are 7-gauge steel, laser cut to exact tolerances. Hinges have nylon spacer bushings to eliminate metal-to-metal contact for easier operation, prevent over tightening of the hinge bolts, and eliminate noisy operation. Leg pivot tubes are supported at each apron connection with a nylon bearing, eliminating the friction and noise caused by metal-to-metal contact. Each bushing has an oiling hole should lubrication ever be required. Low profile 2" high, 14-gauge "C"-shaped aprons provide maximum top clearance. Grade 5 hex machine bolts with aircraft-type lock nuts are used at all assembly points. Grade 8 shoulder bolts with aircraft-type lock nuts are used at linkage points for greater wear and to prevent over tightening.

Bench frame consists of two 1-1/2" x 1-1/2" x 65-1/2" 14-gauge hat channels, connected to the table frame using two 1" diameter 14-gauge bench pivot tubes.

All metal parts of the frame are thoroughly cleaned to resist corrosion and provide maximum paint adhesion. Metal is finished with high-grade electrostatically applied, baked-on epoxy powder to resist abrasion, marring and scratching. Black or Chameleon is standard. Chrome plating is optional at an additional charge.

d. Table Undercarriage

All critical parts at the pivot points are attached to the unitized steel frame. Steel latches are automatic in both the storage and in-use positions and are located near the outside perimeter for easy access and in such a way that they cannot be accidentally opened or knocked out of adjustment.

Torsion springs in conjunction with torsion bars provide easy lifting throughout the complete operating range.

Torsion bars are shot-peened to impart compressive strength and increase the life cycle of each torsion bar. Torsion bars are epoxy "e-coated" to prevent rusting and extend usable life. Torsion bars have machined grooves at each end, which receive e-clips to lock them in position and prevent lateral movement.

Table rolls on six 4" diameter x 1-1/4" wide Poly II gray rubber, ball-bearing swivel casters during transport. When in the use position, the two middle casters provide superior weight distribution. Poly II rubber wheels provide excellent floor protection, abrasion resistance, good impact strength, quiet operation, and rolling ease. They are non-marking and resistant to water, oil, and most acids and chemicals.

Patented DoubleGuard® non-tip device allows table to be folded flat (parallel tops) for safety during transport and for minimum storage space requirement. Device is permanent, fixed, non-adjustable and cannot be disabled. DoubleGuard® 3" casters do not contact the floor during normal operation, but assist in rolling the table over doorway thresholds or other obstructions.

e. Benches

Benches are mounted to the end legs and middle legs with Grade 5 5/16-18 x 1-3/4" machine bolts with nylok nuts that can be easily removed in the field for wheel chair accessibility. Bench aprons use 2 16-gauge angle aprons with full Dutch bend for additional strength.

STORAGE FOOTPRINT

Two tables in the stored position should occupy an area of 70.0" wide x 68.0" long. Each additional table adds 19.5" to the stacked length.

CERTIFICATIONS AND PERFORMANCE STANDARDS

GREENGUARD® Certification We have been awarded both the GREENGUARD Indoor Air Quality Certification® and the more stringent Children & Schools Certification (daycare and K-12) by the GREENGUARD Environmental Institute (GEI). All GREENGUARD® products have been tested for their chemical emissions performance and can be found in the GREENGUARD® product guide at greenguard.org.

UL Listed Tested by Underwriters Laboratories; meets the more stringent safety standards contained in UL Standard for Safety for Folding Rollaway Tables, UL 2040.

(*) Not UL Listed at this time. UL Pending.

WARRANTY

As part of Palmer Hamilton's on-going commitment to quality, product specifications changes or modifications may be made without prior notice. Palmer Hamilton warrants that its products shall be free from defects in original material and workmanship for a period of fifteen years from the original shipment date. This warranty shall not apply to normal wear and tear or in the event products are damaged as a result of misuse, abuse, vandalism, neglect, accident, improper application, and modification or repair by persons not authorized by Palmer Hamilton. The company will, at its discretion, repair or replace any defects. Any repair or replacement must be approved in advance by the factory before any action is taken. There are no implied warranties of fitness or merchantability, and there are no other express warranties beyond the warranties expressed here.