63T BENCH TABLES

Premium quality design and construction in a workhorse cafeteria table that stores in minimal space.

FEATURES

- High quality lifting frame design. Torsion bars and compression springs provide durable lift assistance.
- Easier set-up positioning and clean-up. Center latches are accessible from either side of the tables. Saves time – less walking around tables.
- Designed with safety in mind. Two-stage latches have safety stop and in use positions. Storage latch secures table in upright position. Locks school table for storage or moving.
- End leg assemblies with center wheel offer superior weight distribution.
- Unitized frame offers a longer lasting table that doesn't rely on the top for its strength. Holds up to the rigors of today's school environment.
- Tops and benches use strong 3/4" board for increased strength.
- Engineered features and manufacturing quality make this line durable for many years of use.

FRAMES

- Self-supporting, MIG welded, unitized frame design.
- 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 in such a way that they cannot be accidentally opened or knocked out of adjustment.
- 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.
- Lock plates are 7-gauge steel, laser cut to exact tolerances.
- Leg assemblies are 14-gauge 1-1/4" steel tubing. Capped with non-marking black crutch tips.
- Leg assemblies are gas metal arc welded construction (GMAW).
- 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 14-gauge "C" channels.
- Top and benches are secured to frame with #10 x 3/4" screws, 9" on centers.

Available in 3 heights: 27", 29", Wheelchair accessible 30"

- Bench frame is connected to the table frame with 1" x 1-3/4" 16-gauge hemmed angles.
- Leg pivot tubes are supported at each apron connection with a nylon bearing, eliminating the friction and noise caused by metal-to-metal contact.
- Compression springs in conjunction with torsion bars assist lifting throughout the complete operating range.
- The release mechanism requires two hands for operation to protect users.
- 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.
- All metal parts are thoroughly cleaned to resist corrosion and provide maximum paint adhesion, finished with high-grade electrostatically applied lightly textured polyester powder coating that is baked on for superior resistance to abrasion, marring and scratching.

FRAME COLORS/FINISHES

- Durable powder coat finish, in our standard three options, and ten custom frame colors.

See our website for non-standard colors.

- Minimum orders and upcharges may apply.
- Nickel Chrome plating is available at extra cost. See our price list for charges.

Black (BLK) | Chameleon (CHA) | Metallic Silver (MS) | Chrome (CHR) Upcharge applies, see pricer.

TOPS AND BENCHES

Our table tops and benches are of high quality materials to conform and exceed industry standards.

- 3/4" M3 industrial grade particle board of 100% recycled/recovered wood content
- Tested in accordance with ANSI 208.1 – 2022
- EPA TSCA Title IV certified. Complies with CARB ATCM 93T20
- 0.30" HPL decorative laminate on top side.
- .028" balanced black backer on bottom of table core for stability and moisture resistance.
- Table and bench have ½" radius corners.
- Total table and bench top thickness is .82"
- Tops are laminated with high-pressure laminate for superior abrasion resistance. Meets or exceeds NEMA specifications.

Wheelchair accessible configurations available

- Benches are welded to the frame for stability. Bench aprons use two 16-gauge angle aprons with full Dutch bend for additional strength.
- For tables with wheelchair accessibility, one bench section is replaced with two stool seats and space for the wheelchair. (Not field configurable.)

LAMINATES

Following is a general guide for our laminate options and pricing. Group 1 laminates are included in our base price.

- **Standard / Group 1:** Choose your colors from Wilsonart® or Formica® laminates. See their websites for selections. For Wilsonart®, our standards are most colors in Type 335 laminate and finish type ending in -38 or -60. Exceptions apply, including colors that begin with "Y" or end with K-38 or K-60. Standard Formica® Laminates are Grade 12 or Grade 20 ending in finish type -58 and -43.
- **Group 2:** Standard Pionite®, Nevamar®, and non-standard Wilsonart® laminates Type 335 and 107 Recycled Content, and finish types not ending in -38 or -60.
- **Group 3:** Wilsonart® Specialty Types 136 / 137 Chalkboard Laminates, Arborite®, and premium Formica®, Pionite®, and Nevamar®.
- **Group 4:** Non-Standard Premium Wilsonart® Laminate Types 362 (VDL, Y-Type), 156/336 (Markerboard), 376-HD / 366 Wilsonart® HD, and 515 Compact Laminate.
- **All premium laminates** are subject to an upcharge.

EDGES

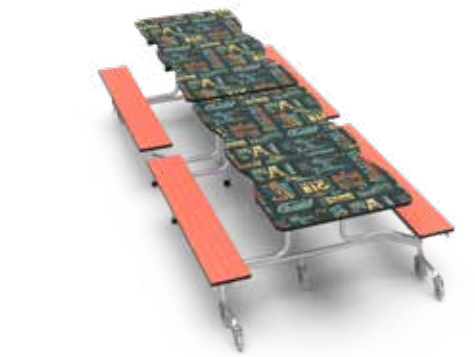
- Standard is EdgeGuard™, a sprayed-on polyurea eased edge treatment that provides superior resistance to moisture, eliminates unsanitary food traps, and is extremely tamper resistant. Edges stay sealed, preventing peeling and chipping. Durable for many years of use.

EdgeGuard™

- Standard color is black. We offer six nonstandard colors. Upcharges apply to orders of 20 units or less. See our website for options.

CASTERS

- Double Guard 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. Double



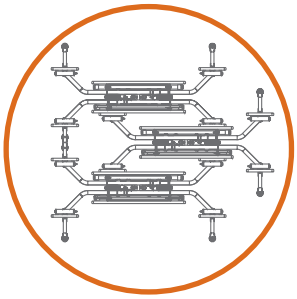
Wave top versions available

Guard 3" casters do not contact the floor during normal operation, but assist in rolling the table over doorway thresholds or other obstructions.

- 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 11 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.

STORAGE FOOTPRINT

- Three tables in the stored position should occupy an area of 66" wide x 64" long. Each additional table adds 14.5" to the stacked length.



CERTIFICATIONS AND PERFORMANCE STANDARDS

- **UL GREENGUARD® Certification** for low chemical emission products helps demonstrate both compliance with key chemical emission standards and your commitment to healthier indoor environments. You can learn more about this program at: www.ul.com/services/ul-greenguard-certification

UL Greenguard® lists more than 150,000 UL GREENGUARD®-certified products in its online product guide. The Palmer Hamilton products are found at this link: https://spot.ul.com/main-app/products/catalog/?keywords=palmer+hamilton

WARRANTY

- See Palmer Hamilton Warranty at palmerhamilton.com/resources/warranty

SHIPPING

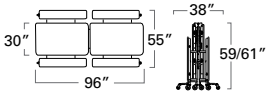
- Ships fully assembled

DIMENSIONS

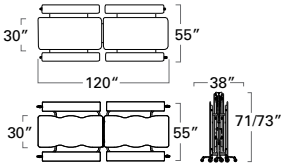
Description	Part#	Overall Product Dimensions				Seating Capacity
		H x W x L	Folded Height	Seat Height	Product Weight	Children (18″) Adults (28″)
Rectangular Top Tables						
8′ Bench/Table - 27″ High	63T23273008	27″ x 55″ x 96″	58″	15″	239 lbs	12 children - 8 adults
8′ Bench/Table - 29″ High	63T23293008	29″ x 55″ x 96″	60″	17″	239 lbs	12 children - 8 adults
10′ Bench/Table - 27″ High	63T23273010	27″ x 55″ x 120″	72″	15″	285 lbs	12 children - 8 adults
10′ Bench/Table - 29″ High	63T23293010	29″ x 55″ x 120″	74″	17″	285 lbs	12 children - 8 adults
12′ Bench/Table - 27″ High	63T23273012	27″ x 55″ x 144″	80″	15″	334 lbs	16 children - 12 adults
12′ Bench/Table - 29″ High	63T23293012	29″ x 55″ x 144″	82″	17″	334 lbs	16 children - 12 adults
12′ Bench/Table - 30″ High 2 Bench, 2 Wheelchairs	63T23303012-2BWC Ships with 4 stool seats	30″ x 58″ x 144″	82″	18″	334 lbs	12 children - 10 adults + 2 Wheelchairs
12′ Bench/Table - 30″ High 3 Bench, 1 Wheelchair	63T23303012-3BWC Ships with 2 stool seats	30″ x 56.5″ x 144″	82″	18″	334 lbs	14 children - 11 adults + 1 Wheelchair
Wave Top Tables						
10′ Bench/Table - 27″ High	63T23273010W	27″ x 55″ x 120″	72″	15″	285 lbs	12 children - 8 adults
10′ Bench/Table - 29″ High	63T23293010W	29″ x 55″ x 120″	74″	17″	285 lbs	12 children - 8 adults
12′ Bench/Table - 27″ High	63T23273012W	27″ x 55″ x 144″	80″	15″	334 lbs	16 children - 12 adults
12′ Bench/Table - 29″ High	63T23293012W	29″ x 55″ x 144″	82″	17″	334 lbs	16 children - 12 adults
12′ Bench/Table - 30″ High 2 Bench, 2 Wheelchairs	63T23303012W-2BWC Ships with 4 stool seats	30″ x 58″ x 144″	82″	18″	334 lbs	12 children - 10 adults + 2 Wheelchairs
12′ Bench/Table - 30″ High 3 Bench, 1 Wheelchair	63T23303012-3BWC Ships with 2 stool seats	30″ x 56.5″ x 144″	82″	18″	334 lbs	14 children - 11 adults + 1 Wheelchair

Dimensions and weights are approximate. Stool seats add 1.5″ width to a side of a table.
Seating capacity based on 250# per person (adult).

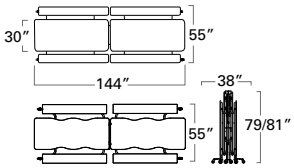
DIMENSIONS



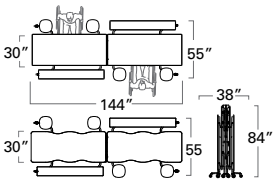
63T 8′ BENCH (27″/29″ high)
63T23293008
63T23273008



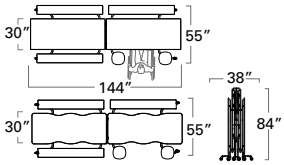
63T 10′ BENCH (27″/29″ high)
63T23293010
63T23273010
63T23293010W (Wave)
63T23273010W (Wave)



63T 12′ BENCH (27″/29″ high)
63T23293012
63T23273012
63T23293012W (Wave)
63T23273012W (Wave)

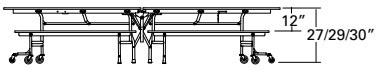


63T 12′ BENCH 2WC (30″ high)
63T23303012-2BWC
63T23303012W-2BS4 (Wave)

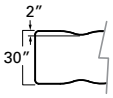


63T 12′ BENCH 1WC (30″ high)
63T23303012-3BWC
63T23303012W-B3S2 (Wave)

Side View, all models



Wave Depth, all models



All dimensions nominal.