

Industrial Ergonomics, Inc.
612-532-6774
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Butcher Block Top

We are Hardwood Tops

Ideal for electrical or tool and die work, butcher block benchtops are rugged, yet yielding enough to provide a safe surface for precision tools. Our butcher block tops are crafted from face-glued hardwood strips, sanded to a smooth finish for outstanding strength and quality appearance.



wood



ShopTop®

For years of lasting strength and rugged treatment, select our composite ShopTop® that sandwiches a medium-density fiberboard (MDF) or lumber core between two layers of 1/2" industrial grade particle board. ShopTop® is non-conductive and splinter-proof.

Most Work Surfaces Available In:

12" Widths Up To **60"**



24" Lengths Up To **144"**



Butcher Block Overview

- Material: Face-glued hardwood strips
- Finish: Catalyzed clear lacquer, 2 coats top, 1 coat bottom
- Edge: 0.125" radius edge, square or bullnose edge
- Thickness: 1.25", 1.5", 1.75" or 2.25" available
- Sizes: Up to 60"D x 144"L*
- Power: Interchangeable modules for power and media (only fit on certain top options)
- Options: Face-glued maple or hard maple strips, backsplash

*Tops over 36"D are in 2 pieces, field assembled with joint connector bolts.

ShopTop® Overview

- Material: Medium-density fiberboard (MDF) core sandwiched between 0.5" particle board
- Finish: Catalyzed clear lacquer, 2 coats top, 1 coat bottom
- Edge: 0.375" radius edge on long side, 0.125" radius edge
- Thickness: 1.5" or 1.75" available
- Sizes: Up to 60"D x 144"L
- Power: Interchangeable modules for power and media (only fit on certain top options)
- Options: Lumber core, bullnose edge, backsplash



Hardwood top



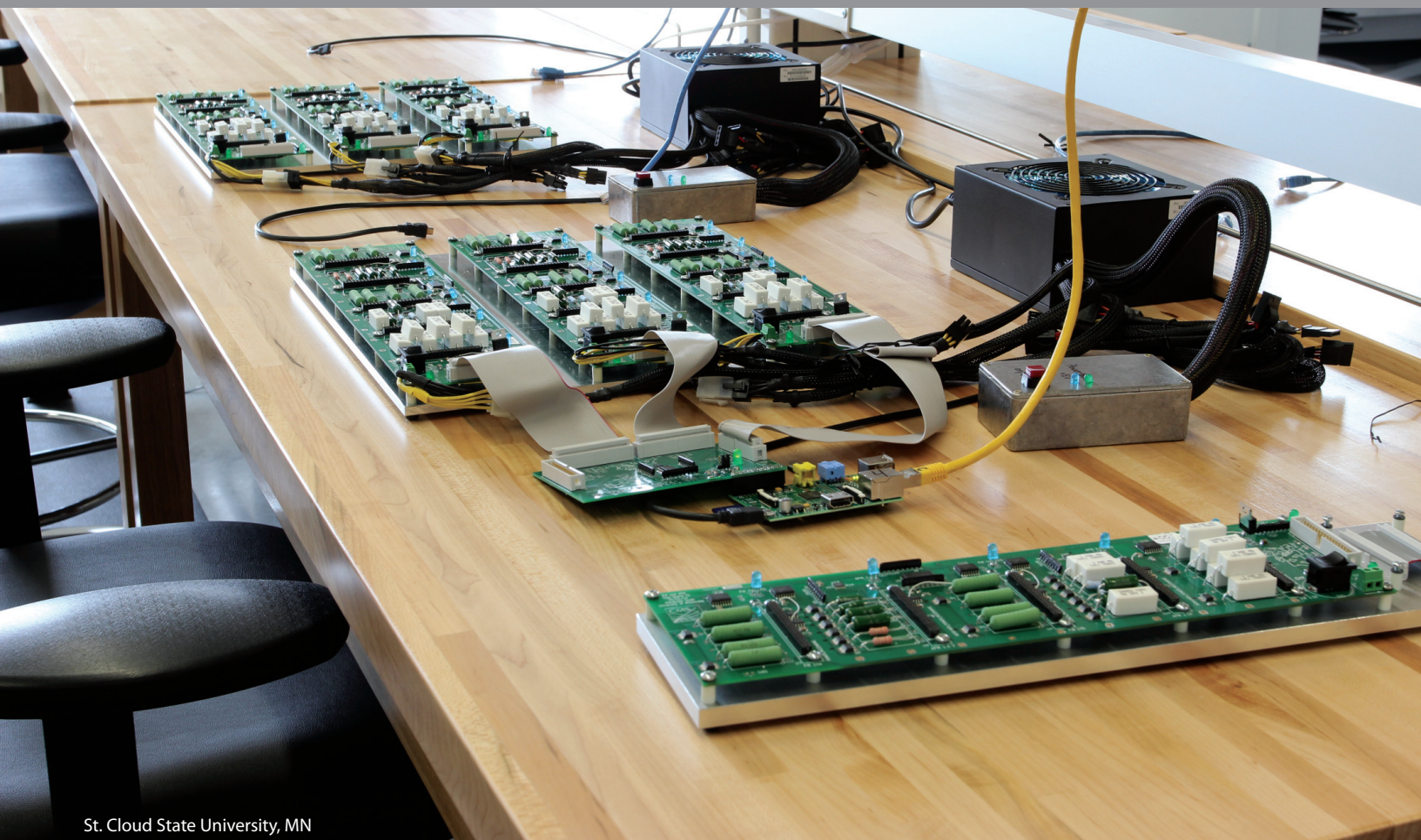
Maple top



ShopTop® lumber core (optional)



Field joint hardware for butcher block tops over 36"D





Stainless Steel Top

Leading Provider

Ideal for automotive, industrial and laboratory applications, our stainless steel tops provide a versatile and functional work surface. All stainless steel tops feature welded and polished corners.

resistant

Lab Top

Phenolic Resin & Epoxy Tops

With high resistance to chemicals, humidity and abrasion, our standard 1" thick black phenolic resin or black epoxy tops provide the perfect surface for laboratory work surfaces, shelves and panels.



Most Work Surfaces Available In:

12" Widths Up To **60"**



24" Lengths Up To **144"**



Stainless Steel Top Overview

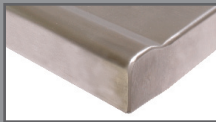
- Material: 16-gauge 304 stainless steel with particle board core (not suitable for food preparation)
- Finish: #4 finish
- Edge: Wrapped with welded corners
- Thickness: 1.625" thick
- Sizes: Up to 56"D x 144"L in one piece
- Options: Drip edge, T-mold edge, integral backsplash, electrical outlets

Lab Top Overview

- Material: Black phenolic resin or black epoxy
- Finish: Matte finish
- Edge: 0.125" radius edge
- Thickness: 1" thick
- Sizes: Up to 60"D x 144"L
- Power: Interchangeable modules for power and media (only fit on certain top options)
- Options: Backsplash, field machinable



Stainless integrated backsplash with electrical ports (optional)

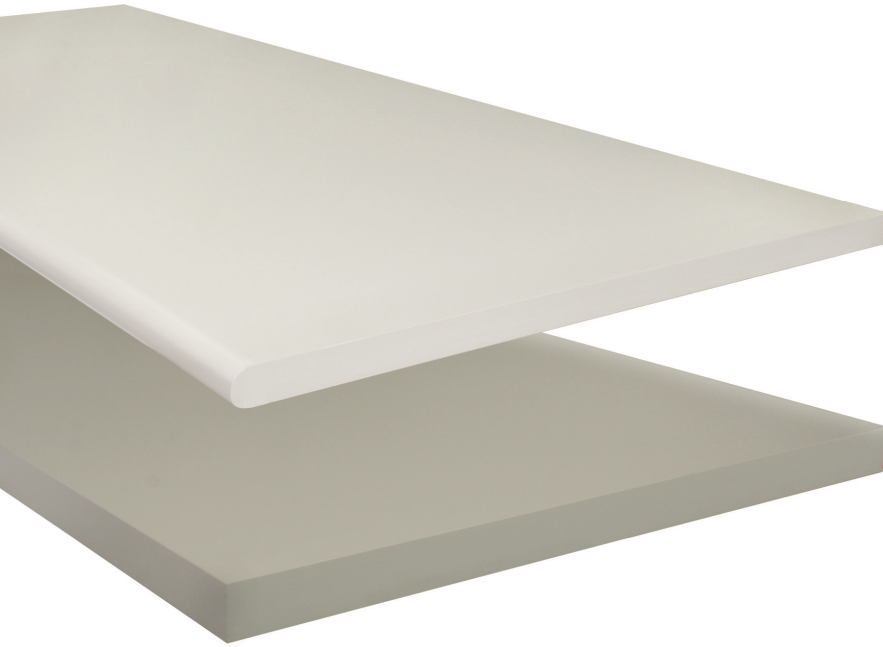


Stainless with drip edge available (optional)



Phenolic backsplash (optional)





tops

High Pressure Laminate Perfect for Assembly and Packing

Our high pressure laminate tops are easy to clean and resistant to marks, burns, stains, oils and most solvents. High pressure laminate tops are constructed with a phenolic or resin backer sheet to balance the construction and are also available with a chemical resistant or electro-static dissipative surface. Complete Wilsonart #60 matte finish collection available.

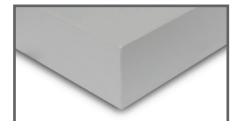


Grounding Kits Available



Standard Laminate Top

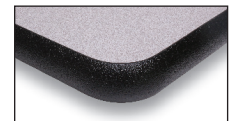
- Material: Particle board core with high pressure laminate (HPL) on top, phenolic backer (resin on 1.625" and 1.75")
- Finish: Standard or custom laminates
- Edge: HPL or 0.5mm PVC edge banding, square corners
- Thickness: 0.75", 1.25", 1.625" or 1.75" available
- Sizes: Up to 60"D x 144"L
- Power: Interchangeable modules for power and media (only fit on certain top options)
- Options: Electro-static dissipative or chemical resistant laminate, 1" HPL backslash



HPL or 0.5mm PVC Edge Banding

Lotz Armor Edge™ Laminate Top

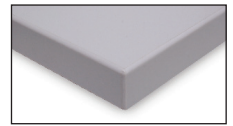
- Material: Medium-density fiberboard (MDF) core with HPL on top, phenolic backer (resin on 1.625")
- Finish: Standard or custom laminates
- Edge: 180° radius or beveled edge with Lotz Armor Edge™, radius corners
- Thickness: 0.75", 1.25" or 1.625" available
- Sizes: Up to 60"D x 144"L
- Power: Interchangeable modules for power and media (only fit on certain top options)
- Options: Colored Lotz Armor Edge™, electro-static dissipative or chemical resistant laminate, 1" HPL backslash



Radius or Beveled edge with Lotz Armor Edge™

3mm Edge Laminate Top

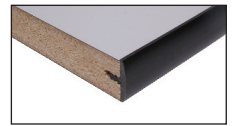
- Material: Particle board core with high pressure laminate (HPL) on top, phenolic backer
- Finish: Standard or custom laminates
- Edge: 3mm PVC edge banding, square or radius corners
- Thickness: 0.75" or 1.25" available
- Sizes: Up to 60"D x 144"L
- Power: Interchangeable modules for power and media (only fit on certain top options)
- Options: Electro-static dissipative or chemical resistant laminate, 1" HPL backslash, postformed long edge



3mm Edge Square or Radius Corner

T-Mold Edge Laminate Top

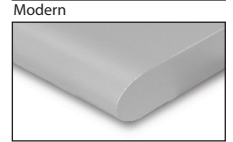
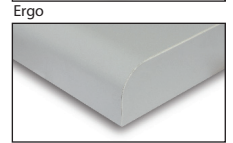
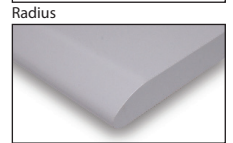
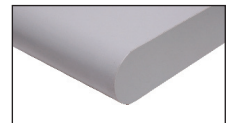
- Material: Particle board core with high pressure laminate (HPL) on top, phenolic backer
- Finish: Standard or custom laminates
- Edge: T-mold edge banding (black), radius corners
- Thickness: 0.75" or 1.25" available
- Sizes: Up to 60"D x 144"L
- Power: Interchangeable modules for power and media (only fit on certain top options)
- Options: Electro-static dissipative or chemical resistant laminate, 1" HPL backslash



T-Mold Edge Banding & Radius Corner

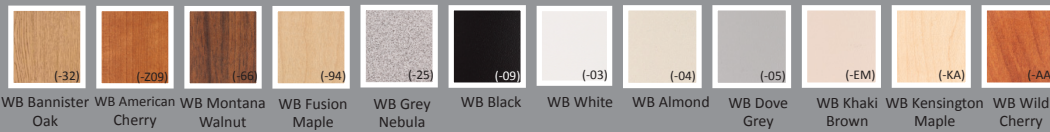
Postformed Laminate Top

- Material: Particle board or MDF core (see price book) with HPL on top, phenolic backer (resin on 1.625" and 1.75")
- Finish: Standard or custom laminates
- Front Edge: Bullnose, Ergo, Comfort or Modern edge wrapped with HPL
- Edge: 0.5mm PVC edge banding
- Thickness: 0.75", 1.25", 1.625" or 1.75" available
- Sizes: Up to 48"D x 144"L
- Power: Interchangeable modules for power and media (only fit on certain top options)
- Options: Electro-static dissipative or chemical resistant laminate, 1" HPL backslash



Comfort

HPL Standard Laminate Color Options



Complete Laminate Collections Available



Kohls Distribution Center, DC

Industrial Ergonomics, Inc.
612-532-6774
sales@industrial-ergonomics.com



Hardwood Top specifications

Specifications:

Thickness - 1-1/4", 1-1/2", 1-3/4", 2-1/4"
 Rail Width - 3/4" - 1-3/4" (width determined by product)
 Construction - Face-glued, finger joint rails
 Finishes - Clear catalyzed lacquer; Optional - mineral oil, boiled linseed oil or unfinished
 Sizes - Max up to 60"* x 144"
 Edge Profile - 1/8" eased edge (std), 3/8" radius, 180° bullnose
 Species - Standard mixed hardwoods (variation of different species containing similar color and grain patterns)
 Alternate Available Species - Oak, maple, hard maple
 Fasteners - Draw tight joint fasteners included with widths over 36" or if specified for lengths over 144"

Appearance:

Natural variations do occur in the appearance of natural wood, of which it is these distinguishing features that creates the natural beauty of this product. These variations are subject to occur on all or some of the wood products based on environmental factors affecting the tree before harvesting and include character markings such as grain variation in color, various growth rings and tight knots among other naturally occurring defects. All variations are of a natural source, while all other manufacturing defects have been removed and should not detract from the function.

General Care & Maintenance:

Allow top to reach ambient room temperature prior to installation. It may take forty-eight (48) hours for the top to acclimate to the surrounding environment. If tops will not be installed within 48 hours they must be stored horizontally with a cover over exposed face.

Holes in steel framework used to secure the top to frame must be 3/8" larger than the bolt or fastener. Pre-drill pilot holes for lag screw fasteners and only tighten the fastener slightly as the top needs to be able to expand and contract.

If final mounting requires cutting the top, then all exposed raw wood surfaces must be resealed. Polyurethane is an excellent sealer for lacquered tops, while mineral oil should be used for oil finished tops. Tops and benches sent without a finish and tops that are modified in the field voids the warranty.

Lacquered tops should avoid excess amounts of water, oil and strong cleaning agents. The top should be immediately wiped clean when the surface has been exposed to such excesses. For oil tops we recommend oiling them every 4-6 weeks depending on usage. When necessary, reseal any exposed raw wood surfaces to avoid expansion and swelling caused by water and humidity.

Catalyzed Lacquer Test Results:

| CHEMICAL | RATING |
|-------------------------------|--------|
| 1) SULFURIC ACID 25% | 5 |
| 2) SULFURIC ACID 50% | 5 |
| 3) ACETIC ACID 50% | 4 |
| 4) ACETIC ACID 75% | 4 |
| 5) PHOSPHORIC ACID 50% | 5 |
| 6) PHOSPHORIC ACID 75% | 5 |
| 7) HYDROCHLORIC ACID 20% | 5 |
| 8) HYDROCHLORIC ACID 37% | 4 |
| 9) BUTYL ALCOHOL | 5 |
| 10) ETHYL ALCOHOL | 5 |
| 11) METHYL ALCOHOL | 5 |
| 12) ETHYL ACETATE | 2 |
| 13) METHYL ETHYL KETONE | 1 |
| 14) TOLUENE | 5 |
| 15) ACETONE | 1 |
| 16) NAPHTHA | 5 |
| 17) XYLENE | 5 |
| 18) SODIUM HYPOCHLORITE 5.25% | 5 |
| 19) SODIUM HYDROXIDE 25% | 5 |
| 20) SODIUM HYDROXIDE 35% | 5 |
| 21) SODIUM HYDROXIDE 40% | 5 |
| 22) SODIUM HYDROXIDE 50% | 5 |
| 23) POTASSIUM HYDROXIDE 40% | 5 |
| 24) POTASSIUM HYDROXIDE 45% | 5 |
| 25) HYDROGEN PEROXIDE 30% | 5 |
| 26) NITRIC ACID 25% | 5 |

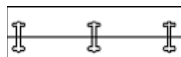
Test prepared by Sheboygan Paint Co 1/2009

5=No Effect
 4=Slight Stain
 3=Modest Stain
 2=Modest Stain, Film Blistered
 1=Film Damage

Fastener and Pilot Hole Chart:

| SCREW SIZE # | PILOT HARDWOOD |
|--------------|----------------|
| 4 | 1/16" |
| 6 | 5/64" |
| 8 | 3/32" |
| 10 | 7/64" |
| 12 | 1/8" |

Freight Class: 70



*48" D is two pieces field jointed. 36" D is widest single piece available.



Laminate Top specifications

Specifications:

Thickness - 3/4", 1-1/4", 1-5/8" or 1-3/4" depending on edge and core material

Finishes - High-pressure laminate (HPL), chemical resistant laminate (CR) or electro-static dissipative (ESD) laminate*

Sizes - Up to 60" x 144" (Postformed up to 48" x 144")

Core Material - Industrial grade particleboard, lumber or medium density fiberboard (MDF)

Edge Profiles - Square edge (std), 90° modern edge, 180° bullnose, ergo-edge or custom comfort edge (ergo and custom comfort edge available in 1-1/4" thickness only)

Backer - Phenolic or resin backer sheet

Options - Grommet holes, drilling, inserts, mitre joints, angle cuts, corners, 10" ground cord and snap, grounding-bolt kit with wire, grounding kit installation, back splashes

GREENGUARD Certified - MDF and PB core tops with phenolic backer are GREENGUARD Gold Certified. Ask for FSC Certified products.

Field Installation:

To prevent bowing, all tops over 60" must have some type of support in addition to the legs.

Drilling - Fasteners with a deep thread are recommended. Pre-drilling the holes are recommended. Take into consideration the thickness of the top when selecting screw length for the edge, bottom or top surface. Drilling is not recommended through the edge of a MDF core.

Cutting - A sharp, carbide cross-cut blade is recommended. Cut the top bottom side up to prevent chipping. In instances where the top can only be cut top side up tape the edge that will be cut and make the cut line through the center of the tape.

Care & Maintenance:

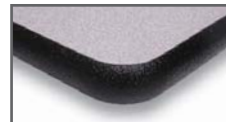
The laminate surface may be cleaned with warm water and mild soaps, such as those used for hands or dishes. Heavy solvents can effect edging adhesion.

Fastener and Pilot Hole Chart:

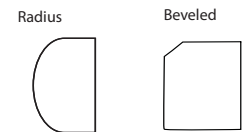
| SCREW SIZE # | PILOT HARD WOOD |
|--------------|-----------------|
| 4 | 1/16" |
| 6 | 5/64" |
| 8 | 3/32" |
| 10 | 7/64" |
| 12 | 1/8" |



HPL - A machine-applied, high-pressure laminate (HPL) edge.



Lotz Armor™ Edge - A polyurea, which is extremely strong and durable. Radius and beveled edge profiles available. Standard 1.5" radius corner. Custom radius corner available with minimum of no less than .75".



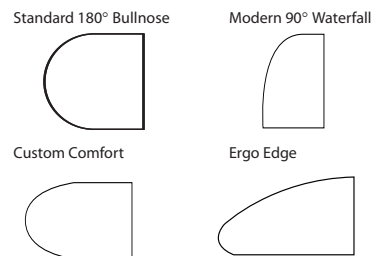
PVC - A machine-applied, precision plastic edge from .020" to 3mm thick. Square or radius corners. Standard 1.5" radius corner. Custom radius corner available with minimum of no less than 1".



T-Mold - An extruded, flexible plastic edge that is applied by inserting the barb into a groove in the wood substrate. Standard 1.5" radius corner. Custom radius corner available with minimum of no less than 1".



Postformed Edge - High-pressure laminate is bonded to a machine formed edge.



*(L to R): Grounding bolt kit; Grounding cord kit with 10' cord and snap. In order to operate all anti-static tops effectively, grounding bolt/cord must be attached to a reliable earth ground connection. All Tops over 72" are recommended to have two Grounding bolt kits.