Available Bench Sizes

Widths: 24" - 96" (IN 6" INCREMENTS)

Depths: 24", 30", 36"

Heights: 30", 36", 42"
# Standard Product Options

## Work Surface
- **HPL**: High Pressure Laminate
- **PHN**: Phenolic
- **EPX**: Epoxy ¾” or 1”
- **MPL**: Maple
- **STL**: Steel

<table>
<thead>
<tr>
<th>Work Surface</th>
<th>Tube Size</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sides</td>
<td>1”</td>
<td>½”</td>
</tr>
<tr>
<td>Front</td>
<td>2”</td>
<td>1½”</td>
</tr>
<tr>
<td>Back</td>
<td>0”</td>
<td>0”</td>
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</tbody>
</table>

**Widths**: 24” - 96” (IN 6” INCREMENTS)
**Depths**: 24”, 30”, 36”

## Shelves
- **Lower & Upper Shelf Thickness’**:
  - **HPL**: ¾”
  - Phenolic: ¾”
  - Epoxy: ¾”
  - Maple: ¾”
  - Steel: ¾”
- **Lower Shelves**
  - Depth: 12”, 15” or 18”
- **Upper Shelf**
  - Depth: 12”, 15” or 18”

## Accessories
- **Power Strips**: Width: 24”, 36” or 48”
- **Overhead Light**: Width: 24” or 48”
- **Steel Cabinets**: Fit inside of all frames (1½” and 2” SQUARE)
- **Laminate Cabinets**: Match Steel Cabinet sizes

## Feet Options
- **ADJ**: Adjustable Levelers
- **AVL**: Anti-Vibration Levelers
- **LKC & NLC**: Locking & Non-Locking Casters
- **ALC**: Adjustable Leveler & Caster Combo

## Frame
- **Steel Tube Size**:
  - **SD**: 1½” SQUARE
  - **HD**: 2” SQUARE

## Paint Colors
- **RD01**: RED
- **BK59**: BLACK (TEXTURED)
- **BK66**: BLACK (SEMI-GLOSS)
- **BG01**: ALMOND
- **WH12**: WHITE (TEXTURED)
- **WH11**: WHITE (SEMI-GLOSS)
- **7045**: GRAY
- **5012**: BLUE
- **5017**: TRAFFIC BLUE
- **5003**: SAPPHIRE
- **SGPE**: STEEL GRAY PEARLESCENT
- **7035**: LIGHT GRAY
- **1015**: LIGHT IVORY

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Basics Standard Product Key

How it works:

1. Basix Standard Product
2. Depth: 30”
3. Width: 48”
4. STEEL TUBE SIZE
   (1½” x 1½” Square)
5. WORK SURFACE
   HPL: High Pressure Laminate
6. FEET OPTION
   LKC: Locking Casters

How it works:

1. Basix Standard Product
2. FBX: F Basix Standard Product
3. DIMENSIONS
   WW: Width
   DD: Depth
   HH: Height
4. BENCH TYPE
   TB: Typical Bench
   IB: Island Bench
   CB: Corner Bench
5. CONSTRUCTION METHOD
   W: Welded Frame Construction
   B: Bolt Together Construction
6. FEET OPTIONS
   ADJ: Adjustable Levelers
   AVL: Anti-Vibration Levelers
   LKC: Locking Casters
   NKC: Non-Locking Casters
   ALC: Adjustable Leveler & Caster Combo
7. WORK SURFACE MATERIAL
   HPL: High Pressure Laminate
   PHN: Phenolic Resin
   EPX: Epoxy Resin
   MPL: Maple
   STL: Steel
Basics Configuration Examples

- Keyboard Tray
- CPU Holder
- 7-Flex Monitor Mount

- Laminate Or Steel Cabinets
- Keyboard Tray
- CPU Holder

- Lower 1/2 Shelf
- Keyboard Tray
- CPU Holder
- 7-Flex Monitor Mount

- Laminate Or Steel Cabinets
- Open Shelf Cabinets

- Laminate Or Steel Cabinets
- Open Shelf Cabinets with Doors

- Laminate Or Steel Cabinets
- Drawer or Shelf units

- Laminate Or Steel Cabinets

- Laminate Or Steel Cabinets

- Laminate Or Steel Cabinets
By adding vertical Uni-strut steel channels to the Basix bench, you can create the model known as Benchmarx which supports the addition of upper accessories.

**How it works:  
FBM483036TBHDWADJMPL**

1. **Benchmarx Standard Product**
2. Depth: 30” Width: 48” Height: 36”
3. Vertical Adjustment 1” Increments

**UNISTRUT**

**BASIX + UNISTRUTS = BENCHMARX**

**Upper Accessories**
- Upper Shelves
- Cabinets
- Monitor Mounts
- Bin Rails
- Lighting
- Tackable Panels
- Peg Boards
- Roller Bars

**Benchmarx Standard Product Key**

1. **BENCH TYPE**
   - FBM: Benchmarx Standard Product

2. **DIMENSIONS**
   - WW: Width
   - DD: Depth
   - HH: Height

3. **BENCH TYPE**
   - TB: Typical Bench
   - IB: Island Bench
   - CB: Corner Bench

4. **STEEL TUBE SIZE**
   - SD: Standard Tube Dimension (1½” x 1½” Square)
   - HD: Heavy Duty (2” x 2” Square)

5. **CONSTRUCTION METHOD**
   - W: Welded Frame Construction
   - B: Bolt Together Construction

6. **FEET OPTIONS**
   - ADJ: Adjustable Levelers
   - AVL: Anti-Vibration Levelers
   - LKC: Locking Casters
   - NKC: Non-Locking Casters
   - ALC: Adjustable Leveler & Caster Combo

7. **WORK SURFACE MATERIAL**
   - HPL: High Pressure Laminate
   - PHN: Phenolic Resin
   - EPX: Epoxy Resin
   - MPL: Maple
   - STL: Steel

**FEET OPTION**
- ADJ: Adjustable Levelers

**WORK SURFACE MATERIAL**
- MPL: Maple
Benchmarks Configuration Examples

“What can you create?”

- Add Upper Cabinets
- Laminate Or Steel
- Open Shelf or Doors
- Steel Cabinets Shown
- Upper and Lowers
- Angled Shelves and Overhead Lighting
- Peg board and Bin rail
- Peg board and roller bar
- Static Monitor Mounts
- CPU Holder
- Add a tack able panel
- Post Mounted
- 7-Flex mount

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Miscellaneous Accessories

1. 7-Flex Articulating Monitor Mount
   Clamp on or Uni-strut mounting
2. Keyboard
   (Left, Right, or No mouse extension)
3. CPU Holder
   (Left, Right, or Center)
4. Static Monitor Mount(s)
   Horizontal Uni-strut mounting
5. Uni-strut mounted Power Strip
   Rail: 24” – 96” Width in 6” increment
   Power Strip Width: 24”, 36” or 48”
   Uni-strut mounted Roller Bar
   Packing Station Roll Material Holder
   24” – 96” Width in 6” increment
   Uni-strut mounted Bin Rail
   24” – 96” Width in 6” increment
   Wire Management Trough
   24” – 96” Width in 6” increment
Miscellaneous Accessories

1 Uni-strut mounted Upper Shelves
   Depth: 12”, 15” or 18”
   Width: 24” – 96” in 6” increment
   * Pencil Lip Available

2 Uni-strut mounted Tack able Panel
   24” – 96” Width in 6” increment

3 Uni-strut mounted Angled Upper Shelves
   Depth: 12” or 15” with Pencil Lip (1) edge
   Width: 24” – 96” in 6” increment
   Angle: 15º, 30º or 45º

2 Uni-strut mounted Peg Board
   24” – 96” Width in 6” increment

3 Uni-strut mounted Overhead Lighting
   Fluorescent or LED
   Frame: 24” – 96” Width in 6” increment
   Light Width: 24” or 48”
General Bench Details

Work Surface Overhang Details (Reveals):

Standard benches have a 2” front face reveal, 1” reveal on each side, and no reveal (flush) on the backside. Exceptions: If Heavy Duty -HD tubing is used, the front reveal becomes 1” and each side reveal becomes ½”, still flush in the back. Island benches will have 1” front and back reveals (½” if HD tubing).

Bench Maximum Loading Capacity:

Standard Duty (1½” Square Tube construction) 1000lbs. evenly distributed load. Heavy Duty (2” Square Tube construction) 1000lbs -1500lbs. depending upon component configuration; i.e.; feet, hydraulics, additional tubing, additional welds, etc.

Bench Frame Construction Details:

Bench frames are weldments of square tube steel. Legs align with bench height. Spreaders align with the bench width. Reaches align with the bench depth. Gussets are pieces cut at a 45° angle and add support to the top-back of the bench.
Work Surface Options

High-Pressure Laminate Panels

HPL is composed of layers of kraft paper, a single layer of decorative paper with a solid color or design, and finished with a clear protective layer. The HPL is laid over a thick slab of particleboard core. The overall panel thickness is 1⅞”, excluding added thickness from the HPL layers. Susceptible to discoloration and warping if exposed outdoors for extended periods of time.

Maple

1¾” thick panels, fully cured and kiln-dried. Butcher-block construction (the bonding of several maple pieces into a single self-supporting solid panel). Edges have a ¼” radius beveled edge. Maple work surfaces may be refinished by sanding and polishing. Tops are coated with a Durakryl 102 or varnique finish, which is resistant to water, alcohol, detergents, and other solvents. Susceptible to discoloration and warping if exposed outdoors for extended periods of time.

Phenolic Resin

¾” or 1” thick panels composed of many layers of phenolic-impregnated kraft paper that is saturated with phenolic resin and compressed under extreme heat and pressure to create a thick, durable, color-through, compact laminate.

COLOR OPTIONS
Black, Gray, White
Chemical and Water Resistant.
Susceptible to fading if exposed to direct sunlight for extended periods of time.
**Work Surface Options**

**Epoxy Resin**  
Specification Source: SECTION 12 3653, LABORATORY WORKSURFACES, by DURCON INC.  
Greenguard certified ¾” or 1” thick sheets cast from modified epoxy resin and nonasbestos inert fillers; compounded mixture cured and thermoset specifically from formulation to provide exceptional physical and chemical resistance required in medium to heavy duty laboratory environments.  

**COLOR OPTIONS**  
Black, Gray*, Graphite*, White*  
*additional costs

**Steel**

**Care & Maintenance:**

*The use of harsh abrasives to clean the work surface is NOT recommended. Things like scrubbing pads or powdered cleaning agents should be avoided because they may damage the non-porous surface. The safest and easiest way to clean a work surface is to use a soft towel, such as a chamois cloth, and a mild cleaning agent, like Simple Green. For the best results over the life of your work surface, cleaning spills as they occur and limiting its time of exposure will prove all that is required to keep the surface finish looking factory new.*

Physical properties; minimum acceptable physical performance in accordance with SEFA 3 testing procedures: Specific test results available upon request.
Frame Options

Square Tube steel (Electric Resistance Welded tube):

16ga x 1½” x 1½” HRPO (Hot Rolled, Pickled and Oiled) 1008/2010 steel
16ga x 2½” x 2” HRPO 1008/2010 steel

Bead welded at each joint unless a bolt-secured spreader is specified or necessary.

Inserts:

For SD 1½” x 1½” : Metal Threaded Adapter w/ Round Clip – 18GA thickness, ⅜”-16 thread.
For HD 2” x 2”: Heavy Duty Welded Insert - ¼” thickness, ¾”-16 thread, bead-welded to the inside.

Surface Finish:

Powder Coated Paint
Electrostatic (4) stage heat-cured process

Care & Maintenance:

*Mild laundry detergent or a mixture using 5% of a commonly used commercial/industrial detergent and water will clean the painted metal surfaces without negatively affecting the frame. All cleaners should be rinsed thoroughly and dried with a soft cloth.*
Feet and Other Adjustability

**Bench Feet:**

**Casters:** ½”-13 threaded stem, steel ball bearing, 300lbs ea. load rating, total locking (swivel & wheel)

**Adjustable Levelers:**

*Type:* ½”-13 threaded stem, 500lbs. ea. load rating.

Available on both SD & HD Frames

**Heavy Duty Anti-Vibration Levelers:** ½”-13 threaded stem, 15 degree swivel, 500lbs. ea. load rating.

**Caster/Leveler Combo**

**Hydraulic Lift (6” or 12” range):**

Four synchronized lifting cylinders, Manual crank with retractable handle, 1000lbs. maximum capacity, rechargeable/refillable capability.

Options: Manual, Electric or 6-post.

Zero maintenance required.

**Adjustable Leg Kit:**

Adjustable leg kits contain leg inserts with 13 threaded holes for ¾” diameter bolts, two of which are used to secure each leg. This provides of 11” of height adjustment, set at increments of 1”.

Adjustable Leg Kit, 16GA, 1¼ x 1¼ x 16.63, ¾”-16 threaded insert if attached to adjustable levelers, ½”-13 otherwise. Set of 4.