

5.0 STANDARD CATALOG PRODUCTS



AVAILABLE BENCH SIZES



FORMASPACE STANDARD PRODUCT OPTIONS

WORK SURFACE

| · | ¥ | 1 ¹ / ₈ " |
|---|--------|---------------------------------|
| | * | |
| | * | ³ /4 '' 1 '' |
| | * * | 1 |
| | A | 1 /4 |
| | * | 3/4 '' |

FRAME

Steel Tube Size: **SD:** 1¹/₂" SQUARE HD: 2" SQUARE

FEET OPTIONS

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

HPL: High Pressure Laminate **PHN:** Phenolic EPX: Epoxy 1" MPL: Maple STL: Steel SPECIAL ORDER: Epoxy 3/4"

| WORK SURFACE REVEALS | TUBE SD | SIZE HD |
|-------------------------|------------|------------|
| Sides | 1" | 1/2" |
| Front | 2" | 1 1⁄2'' |
| Back | 0" | 0" |

| SHELVES | ACCESS | |
|---|------------|--|
| Lower & Upper Shelf Thickness': | Power St | |
| HPL: 3⁄4" | Width: 24 | |
| Phenolic: 3/4" | Overhea | |
| Epoxy: ³ / ₄ " | | |
| Maple: ³ /4" | Steel Ca | |
| Steel: 1" | Fit inside | |

Lower Shelves - Half or Full Depth: 12", 15" or 18"

Upper Shelf Depth: 12", 15" or 18"

SORIES

trips: 24", 36", 48", or 72"

ad Light: Width: 24" or 48"

binets: of all frames (1¹/₂" and 2" SQUARE)

Laminate Formaspace Cabinets: Match Steel Cabinet sizes Widths: 24" - 96" (IN 6" INCREMENTS) **Depths:** 24", 30", 36"

PAINT COLORS RD01: RFD **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

BASIXTM STANDARD PRODUCT KEY

Formaspace Basix[™] lab tables are popular for use as flexible islands within a complete lab furniture system. Basix[™] lab tables are frequently designed to accommodate custom cubbie configurations to maximize storage of frequently used lab items and are often designed with total-lock casters for maximum flexibility in reconfiguration.

HOW IT WORKS:

1 2 3 4 5 6 7 FBX483036TBSDWLKCHPL





1 2 3 4 5 6 7 FBX WW DD HH TB SD W LKC HPL

1 BENCH TYPE

FBX Formaspace Basix Standard Product

2 DIMENSIONS

WW: Width DD: Depth HH: Height

3 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 ALC: Adjustable Leveler & Caster Combo

4 STEEL TUBE SIZE

SD: Standard Tube Dimensions (1½" x 1½" Square)
HD: Heavy Duty (2" x 2" Square)

7 WORK SURFACE MATERIAL

HPL: High Pressure Laminate PHN: Phenolic Resin EPX: Epoxy Resin MPL: Maple STL: Steel

BASIXTM CONFIGURATION EXAMPLES



ACCESSORIES



ACCESSORIES

Horizontal Support Channel mounted Horizontal Support Channel mounted Upper Shelves Depth: 12", 15", or 18" Width: 24" - 96" in 6" increment Angled Upper Shelves Depth: 12" or 15" with Pencil Lip (1) Edge Width: 24" - 96" in 6" increment **Angle:** 15°, 30°, or 45° *Pencil Lip Available **_**12"**_** 15' 18' 2 5 PENCIL LIP 2" + Horizontal Support Channel mounted Trackable Panel Horizontal Support Channel Horizontal Support Channel mounted 2 3 mounted Peg Board Overhead Lighting 24" - 96" in 6" increment 24" - 96" in 6" increment LED Frame: 24" - 96" Width in 6" increment Light Width: 24" or 48"

ACCESSORIES - UPPER CABINETS

Upper Cabinets are available in sizes ranging from 24", 31", 36" and 48" high and 18" wide to 48" wide. All units are 13" deep as standard. 24" high units have one shelf. 31" high to 36" high units have two shelves. 48" high units have three shelves. Additional shelves are available. On single hinge door units, specify (R) or (L) hinge. 48" high units have 3 hinges per door.



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ACCESSORIES - BASE CABINETS

Sitting/Desk Height 29" High X 22" Deep. Units are available in various widths as shown. Drawer units feature full extension slides. A single shelf is standard in the units where shown. Additional shelves are available (see page 11). Specify left or right-hand doors. Hand is indicated by side of door upon which hinges are located. All models available as modular units with toe kit removed.



SINGLE STEEL DOOR BASE UNIT

DOUBLE DOOR, SINGLE DRAWER BASE UNIT

ACCESSORIES - SPECIALTY CABINETS & FUME HOODS



FLAMMABLE CAB 1 -Note: All Flammable

Cabinets are 18" deep.



SINK BASE CAB 1



ACID STORAGE CAB -

Acid Storage Cabinets are reinforced steel with a hitech performance polymer alloy coating. This reduces the possibilities of corrosion. Note: All Acid Cabinets are 18" deep.



FUME HOOD -Bypass & variable air volume fume hoods

ACCESSORIES - FLOOR CASE UNITS & MOBILE PEDS

Floor cases are available in widths ranging from 18" to 48". All units are 84" high and are available in either 16" or 21 1/4" depths. Five shelves are standard equipment. Additional shelves are available. On single hinge door units, specify (R) or (L) hinge.



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 $\frac{1}{2}$ ", still flush in the back, Island benches will have 1" front and back reveals ($\frac{1}{2}$ " if HD tubing).

BENCH MAXIMUM LOADING CAPACITY:

Standard Duty (11/2" Square Tube construction) 1000 lbs. evenly distributed load. Heavy Duty (2" Square Tube construction) 1000 lbs - 1500 lbs. depending upon component configurations: i.e.; feet, hydraulics, additional tubing, additional welds, etc.

BENCH FRAME CONSTRUCTION DEALS:

Formaspace 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 or particleboard core. The overall panel thickness is $1^{1}/_{8}$ ", excluding added thickness from the HPL layers, Susceptible to discoloration and warping if exposed outdoors for extended periods of time.

MAPLE:

1 ³/₄ " 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 ¹/₄" 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:

³/₄" thick panels composed of many layers of phenolic-impregnated kraft paper that are saturated with phenolic resin and compressed under extreme heat and pressure to create a thick, durable, color-through, compact laminate.

¹/₈" Radius

Special Order: Phenolic Resin 1" thick

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 1" thick, ¹/₈" bevel edge 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. Special Order: ³/₄" thick sheets

COLOR OPTIONS:

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

STEEL:

Stainless steel countertops are heavy duty 16ga thickness made of high nickel content type 304 stainless steel with #4 polish. The underlayment consists of 1-3/8" thick particleboard with melamine backing. 1/4" radius all tops edges and vertical corners. Straight runs are offered, no miter or special edges available. Sink cutouts are available upon request.

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 2" x 2" HRPO 1008/2010 steel

Bead welded at each joint unless bolt-together assembly is specified or necessary.

INSERTS:

For SD 1½" x 1½" : Metal Treaded Adapter w/ Round Clips - 18GA thickness, $\frac{1}{2}$ "-13 thread. For HD 2" x 2" : Metal Treaded Adapter - $\frac{1}{4}$ " thickness, $\frac{1}{2}$ "-13 thread.

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 HEIGHT ADJUSTABILITY





BENCH FEET

Casters: 1/2"-13 threaded stem, steel ball bearing, 300lbs ea. load rating, total locking (swivel

& wheel)

Adjustable Levelers:

Heavy Duty - 1/2"-13 threaded stem, 500lbs. ea. load rating.

Heavy Duty Anti-Vibration Levelers: ¹/₂"-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 3/8" 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, $1/4 \times 11/4 \times 16.63$, 1/2"-13. Set of 4. Adjustable Leg Kit, 11GA, $13/4 \times 13/4 \times 16.63$, 1/2"-13 threaded insert. Set of 4.