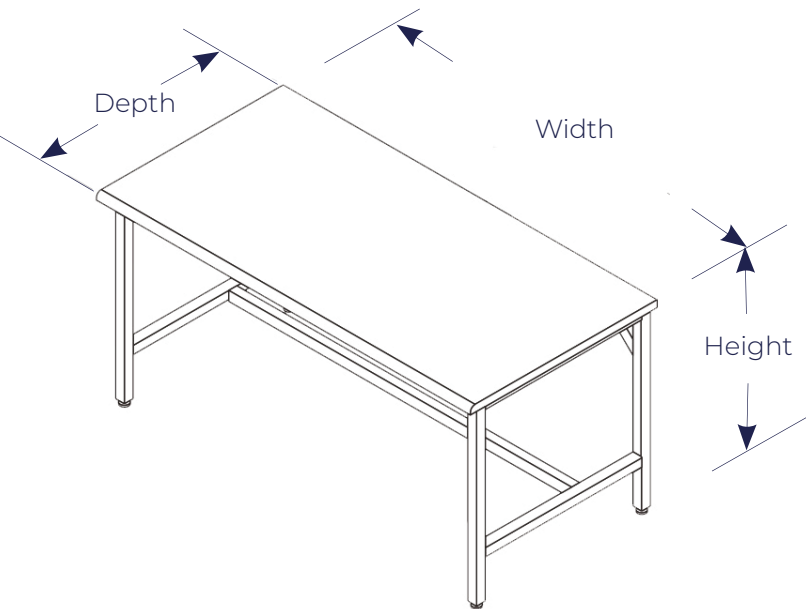


5.0 WORKBENCHES

Product Catalog

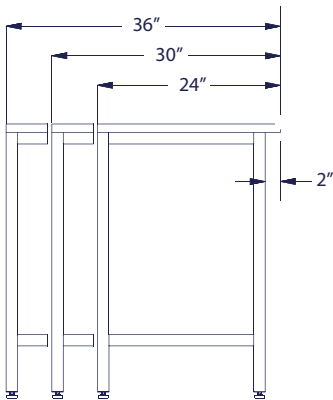


Available Bench Sizes

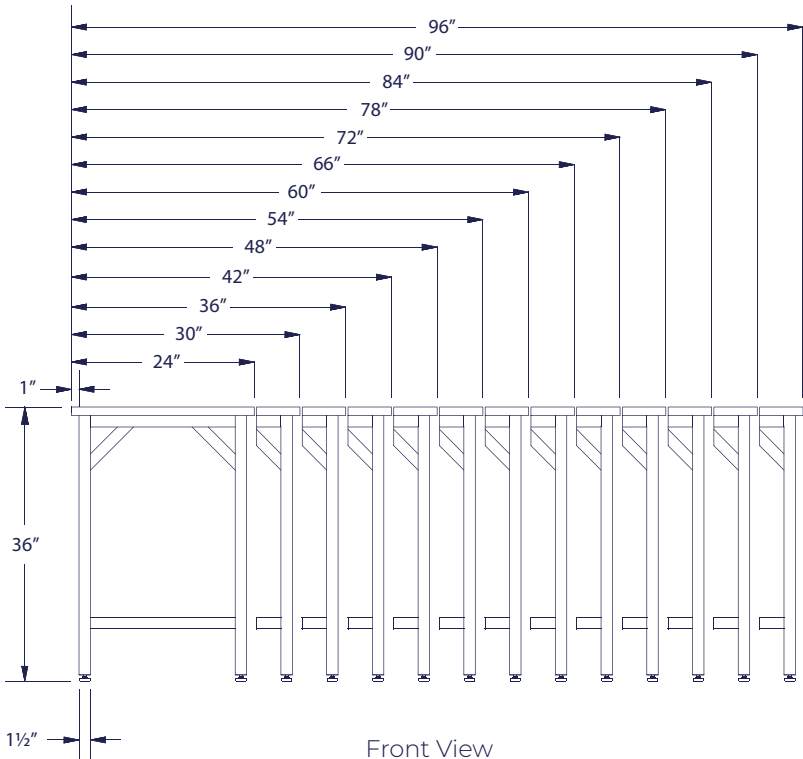


Specifications

- Width:**
24" - 96" (In 6" Increments)
- Depth:**
24", 30", 36"
- Heights:**
30", 36", 42"



Left Side View



Front View



Formaspace Standard Product Options

Work Surface

	1 1/8"
	3/4"
	1"
	1 3/4"
	3/4"

HPL: Adjustable Levelers

PHN: Anti-Vibration Levelers

EPX: Adjustable Levelers

MPL: Anti-Vibration Levelers

STL: Adjustable Levelers

Special Order:

Epoxy 3/4"

Work Surface Reveals	Tube SD	Size HD
----------------------	---------	---------

Sides	1"	1/2"
-------	----	------

Front	2"	1 1/2"
-------	----	--------

Back	0"	0"
------	----	----

Frame

Steel tube size

SD: 1 1/2" square

HD: 2" square

Shelves

Lower & Upper Shelf Thickness

HPL: 3/4"

Phenolic: 3/4"

Epoxy: 3/4"

Maple: 3/4"

Steel: 1"

Lower Shelves - Half or Full

Depth: 12", 15" or 18"

Upper Shelf

Depth: 12", 15" or 18"

Feet Options

ADJ: Adjustable Levelers

AVL: Anti-Vibration Levelers

LKC & NLC: Locking & Non-Locking Casters

ALC: Adjustable Leveler & Caster Combo

Accessories

Power Strips

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

Overhead Light

Width: 24" or 48"

Steel Cabinets: Fit inside of all frames (1 1/2" and 2" square)

Laminate Formaspace Cabinets:

Match Steel Cabinet sizes

Width: 24" - 96" (in 6" increments)

Depths: 24", 30", 36"

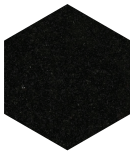
Surfaces Materials



Powder Coating Options for Surfaces Materials



Black Semi Gloss
BK266



Black Texture
BK59



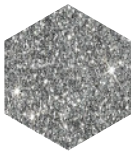
Steel Gray
Pearlescent
T028-GR02



Gray
RAL7045



Light Gray
RAL7035



Sparkle Silver
049/90450



Almond
BG01



Red
D01



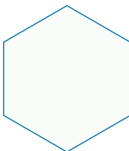
Sapphire Blue
RAL5003



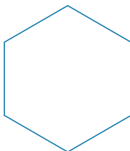
Traffic Blue
RAL5017



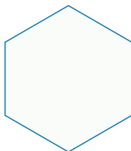
Blue
RAL5012



White Texture
WH120



White Smooth
WH11

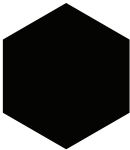


Petal White



Custom Provide
us your color
values

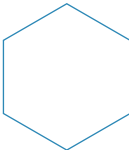
HPL/LPL Laminate



Black



Gray



White



Walnut Heights
7965



Classic Linen
4943



Studio Teak
7960

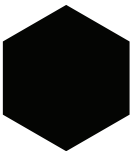


Kensington Maple
10776



Norwegian Ash
8241

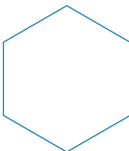
Phenolic



Black

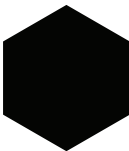


Gray



White

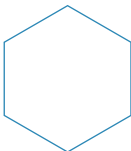
Epoxy



Black



Gray



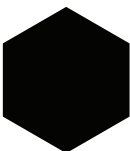
White

Wood



Maple

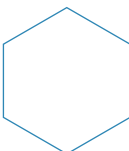
ESD Laminate



Black

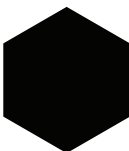


Gray

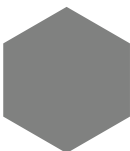


White

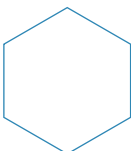
HDPE



Black



Gray



White

Stainless Steel

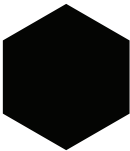


Standard Type



Higher Corrosion and
Heat Resistance

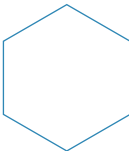
Color-Core Phenolic



Black



Gray



White

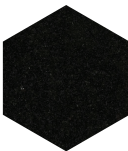
Steel Frame Colors



Powder Coating Options for Frames



Black Semi Gloss
BK266



Black Texture
BK59



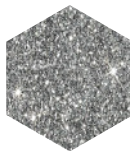
Steel Gray
Pearlescent
T028-GR02



Gray
RAL7045



Light Gray
RAL7035



Sparkle Silver
049/90450



Almond
BG01



Red
D01



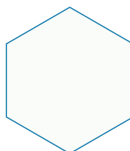
Sapphire Blue
RAL5003



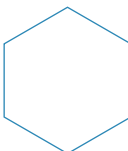
Traffic Blue
RAL5017



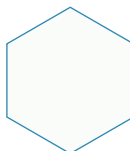
Blue
RAL5012



White Texture
WH120



White Smooth
WH11



Petal White

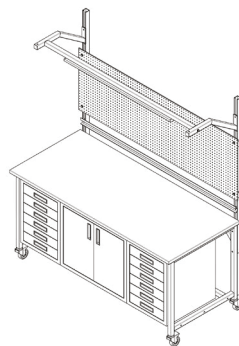
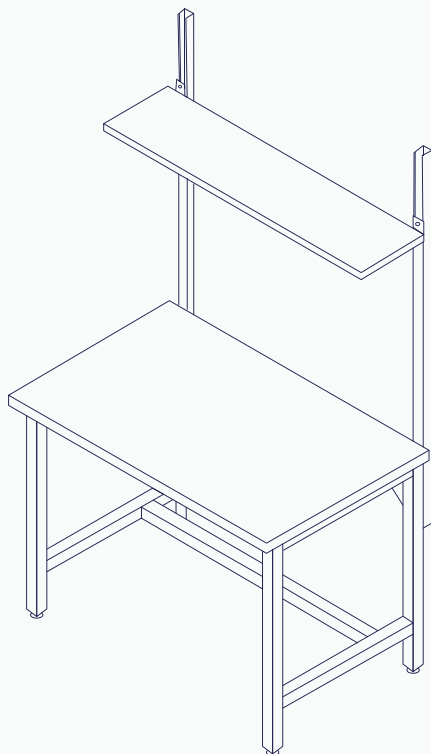


Custom Provide
us your color
values

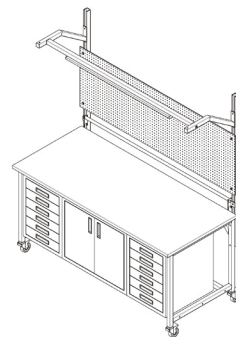
Benchmarx™ Configuration Examples



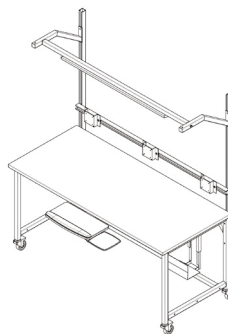
“What Can You Create?”



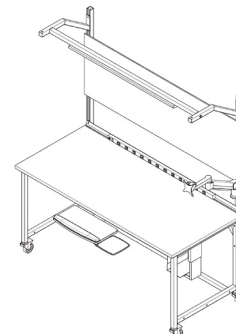
- Peg Board and Bin Rail



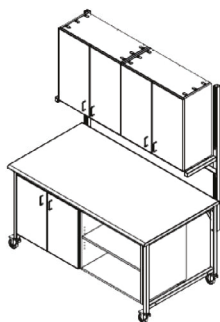
- Peg Board and Roller Bar



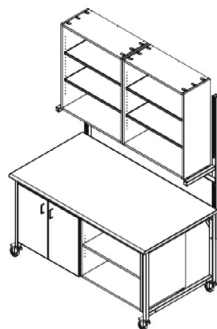
- Static Monitor Mounts
- CPU Holder
- Overhead Lighting



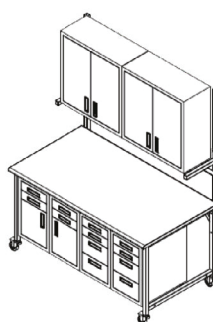
- Add a Tackable Panel
- Post Mounted
- 7-Flex Mount



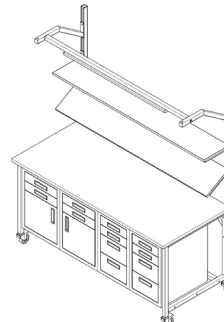
- Add Upper Cabinets
- Laminate or Steel



- Open Shelf or Doors

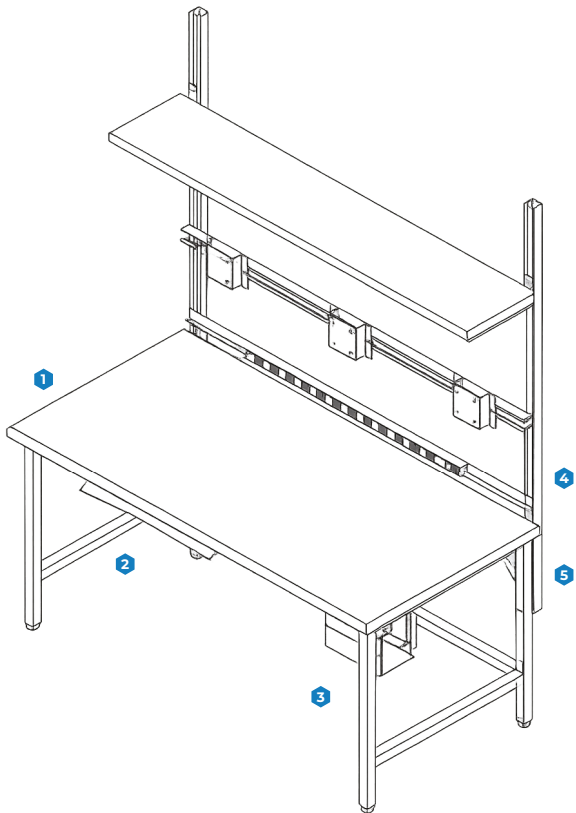


- Steel Cabinets Shown
- Upper and Lower



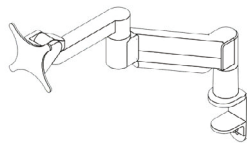
- Angled Shelves and Overhead Lighting

Accessories



1 7-Flex Articulating Monitor Mount

Clamp on or Horizontal Support Channel Mounting



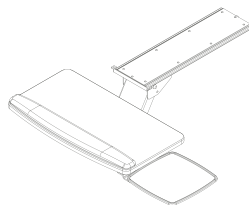
LCD-4 Monitor Mount

Horizontal Support Channel Mounting



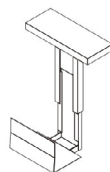
2 Keyboard

(Left, Right, or No Mouse Extension)



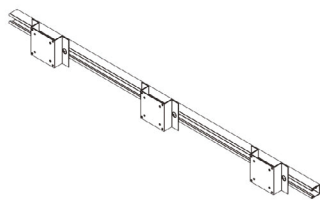
3 CPU Holder

(Left, Right, or Center)



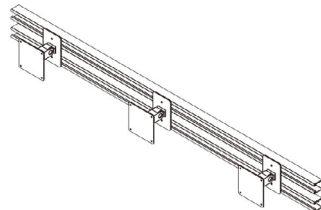
4 Static Monitor Mount(s)

Horizontal Support Channel Mounting



Static Monitor Mount(s)

Horizontal Support Channel mounting "Heavy Duty"



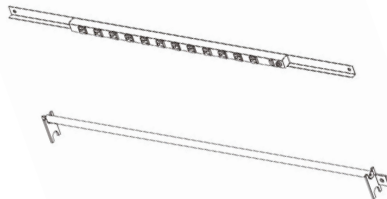
5 Horizontal Support Channel mounted Power Strip

Rail: 24" - 96" Width in 6" increment

Power Strip Width: 24", 36" or 48"

Horizontal Support Channel mounted Roller Bar

Packing Station Roll Material Holder
24" - 96" Width in 6" increment

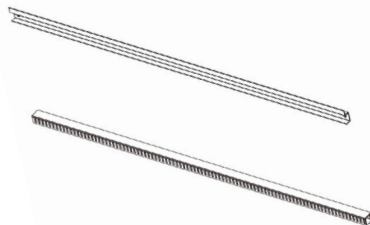


Horizontal Support Channel mounted Bin Rail

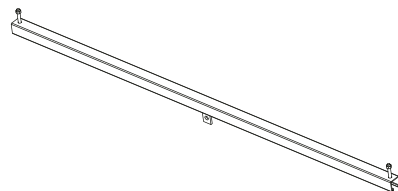
24" - 96" Width in 6" increment

Wire Management Trough

24" - 96" Width in 6" increment



6 Tool Trolley

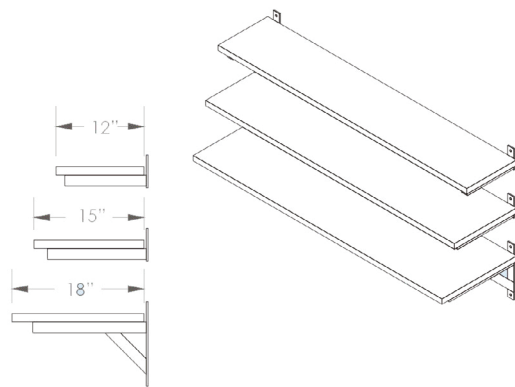
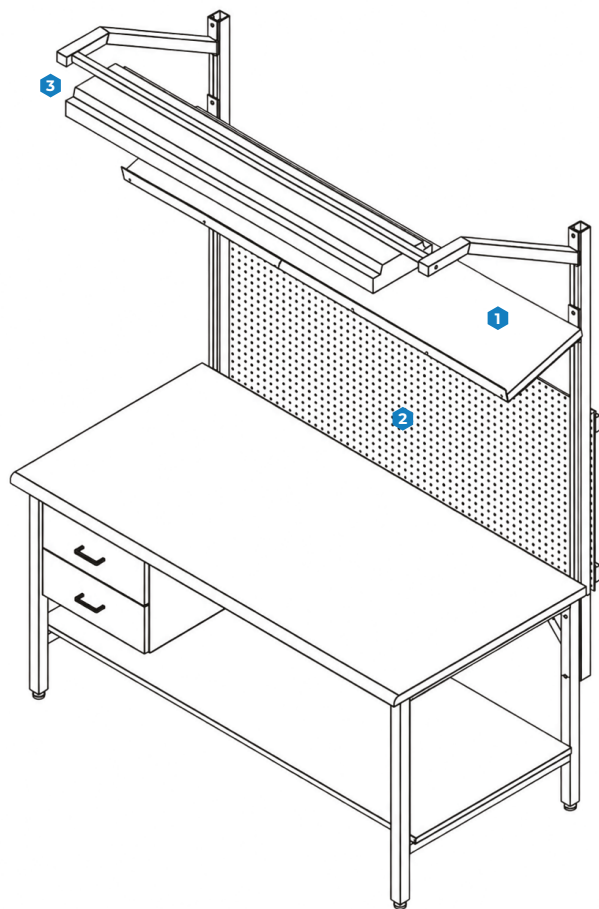


Accessories



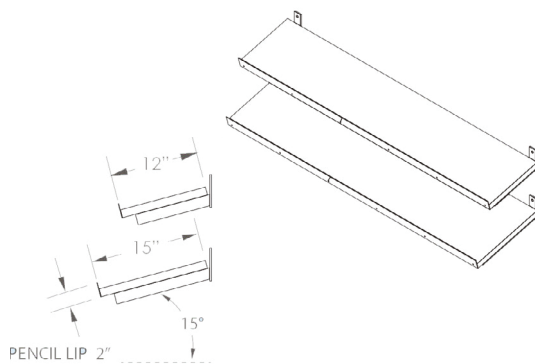
1 Horizontal Support Channel mounted Upper Shelves

Depth: 12", 15", or 18"
Width: 24" - 96" in 6" increment
*Pencil Lip Available



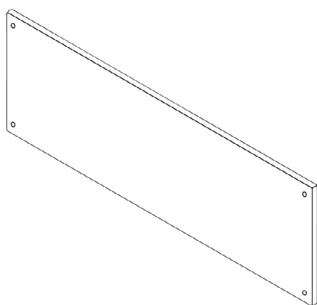
Horizontal Support Channel mounted Angled Upper Shelves

Depth: 12" or 15" with Pencil Lip (1) Edge
Width: 24" - 96" in 6" increment
Angle: 15°, 30°, or 45°



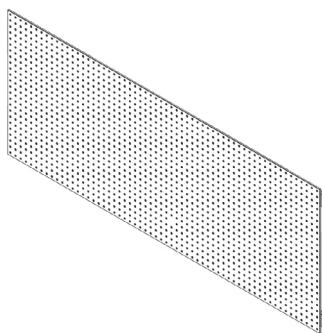
2 Horizontal Support Channel mounted Trackable Panel

24" - 96" in 6" increment



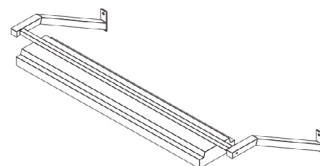
Horizontal Support Channel mounted Peg Board

24" - 96" in 6" increment



3 Horizontal Support Channel mounted Overhead Lighting

LED
Frame: 24" - 96" Width in 6" increment
Light Width: 24" or 48"





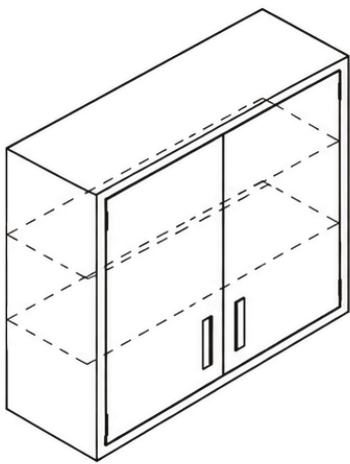
Accessories - Upper Cabinets

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.

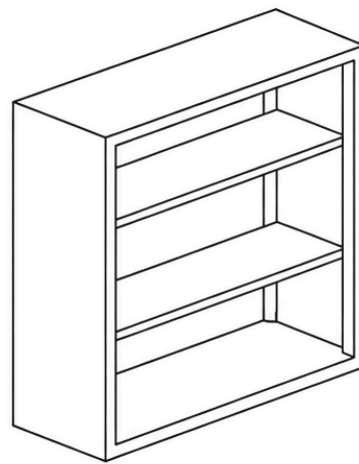
24" high units have one shelf. 31" high to 36" high units have two shelves. 48" high units have three shelves.

Additional shelves are available.

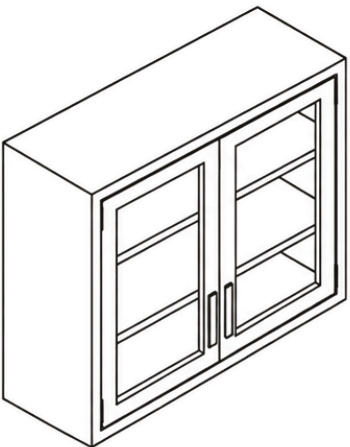
On single hinge door units, specify (R) or (L) hinge. 48" high units have 3 hinges per door.



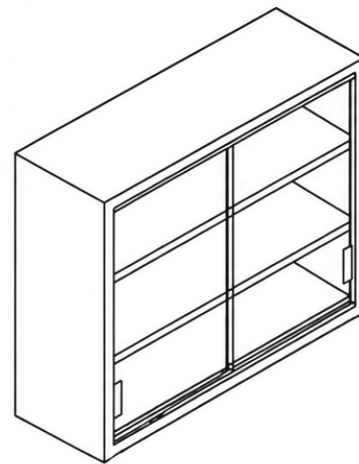
**Hinged, Steel
Door**
Wall unit



Open Faced
Wall unit



Hinged Glass
Wall unit



Sliding Glass
Wall unit

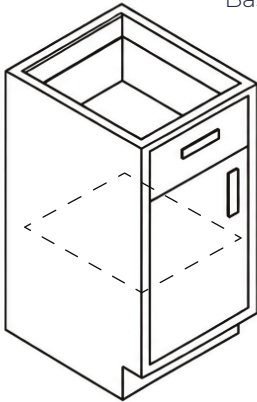


Accessories - Base abinets

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.

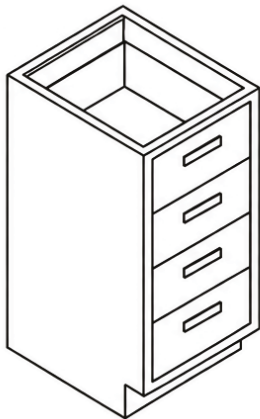
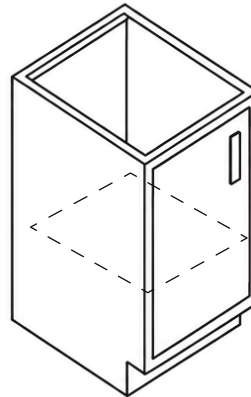
Single Door, Single Drawer

Base unit



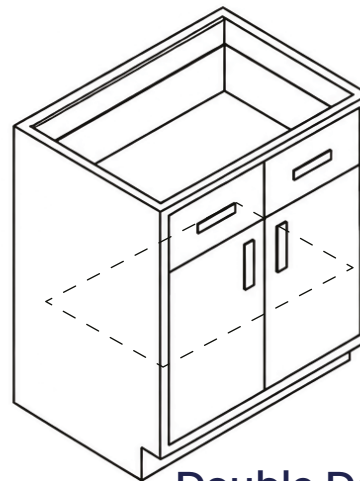
Single Steel Door

Base unit



4 Drawer Stack

Base unit



Double Door, Single Drawer

Base unit



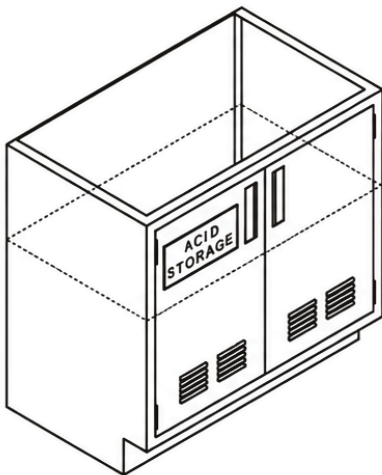
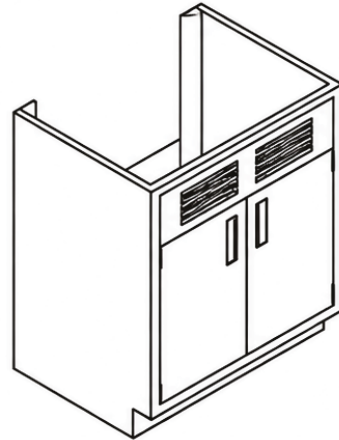
Accessories - Specialty Cabinets & Fume Hoods

Flammable Cab 1

Note: All Flammable Cabinets are 18" deep.

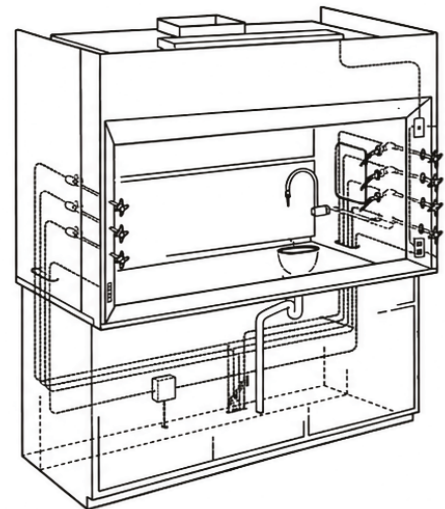


Sink Base Cab 1



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



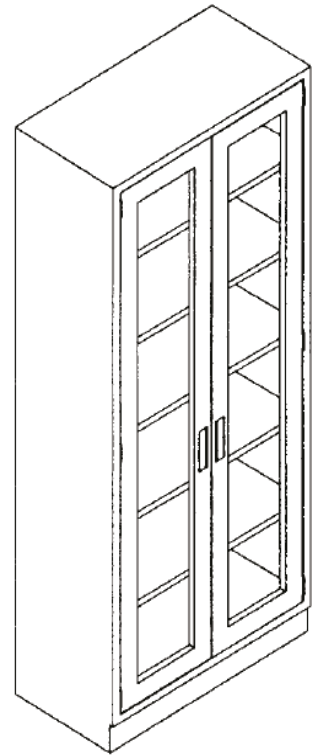
Floor cases are available in widths ranging from 18" to 48". All units are 84" high and are available in either 16" or 21 1/4" depths. Five shelves are standard equipment. Additional shelves are available. On single hinge door units, specify (R) or (L) hinge.



Mobile Ped

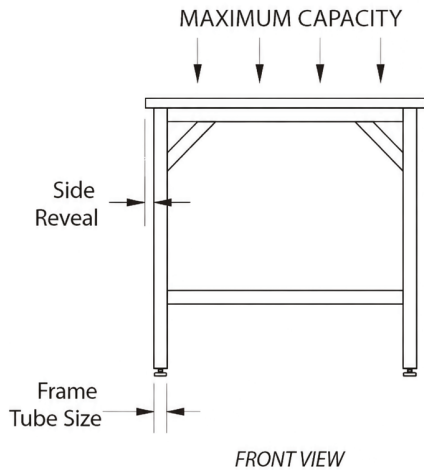


Open Floor Unit



**Hinged Glass
Floor Unit**

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.

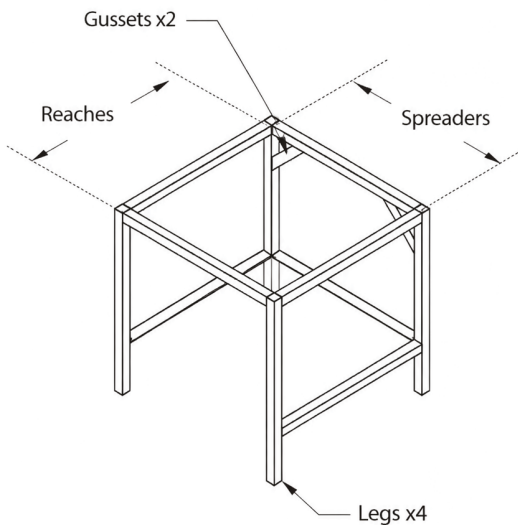
Exceptions: If Heavy Duty - HD tubing is used, the front reveal becomes 1" and each side reveal becomes ½", still flush in the back, Island benches will have 1" front and back reveals (½" if HD tubing).

Bench Maximum Loading Capacity:

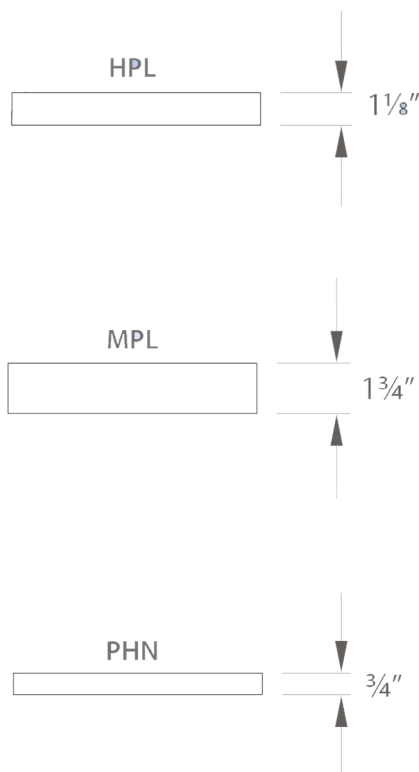
Standard Duty (1½" Square Tube construction) 1000 lbs. evenly distributed load. Heavy Duty (2" Square Tube construction) 1000 lbs - 1500 lbs. depending upon component configurations: i.e.; feet, hydraulics, additional tubing, additional welds, etc.

Bench Frame Construction Details:

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.

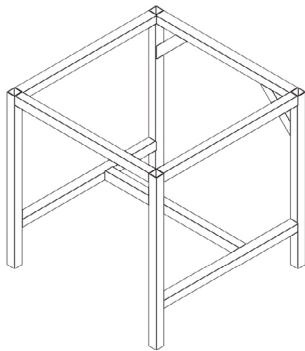
The safest and easiest way to clean a work surface is to use a soft towel, such as a chamois cloth, and a mild cleaning agent, like Simple Green.

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, 1/2"-13 thread. For HD 2" x 2" : Metal Treaded Adapter - 1/4" thickness, 1/2"-13 thread.

Surface Finish:

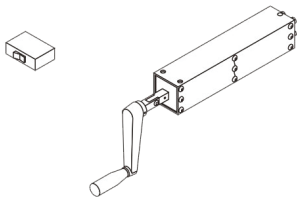
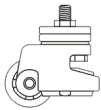
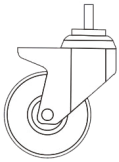
Powder Coated Paint

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

Adjustable Levelers:

Heavy Duty - ½"-13 threaded stem, 500lbs. ea. load rating.

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 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, 1¼ x 1¼ x 16.63, ½"-13. Set of 4. Adjustable Leg Kit, 11GA, 1¾ x 1¾ x 16.63, ½"-13 threaded insert. Set of 4.



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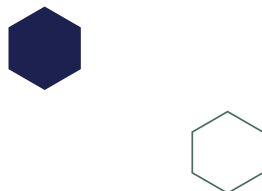
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*Subject to change based on supply. Confirm details with account manager.



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