

STAINLESS STEEL

The full range of Mott casework, furniture systems and fume hoods are available in type 304 or 316 stainless steel and are manufactured to a No.4 finish. Our stainless steel is designed and manufactured to deliver practical solutions to specialized laboratory environments. Applications include pharmaceutical manufacturing, food processing, health care, agricultural products and services, clean rooms, operating rooms, animal facilities, autopsy areas, and radioactive processes that feature repetitive wash-downs to eliminate contamination and maintain excellent cleanliness. Note: stainless steel is generally not suited for acid labs or labs where chlorides will be used.

304 grade stainless steel is the most versatile and one of the most widely applied stainless steel grades for laboratory use. High quality laboratory furniture components can be readily manufactured from this grade because it has excellent forming and welding characteristics. This grade also has excellent corrosion resistance, further corrosion resistance details are available from Mott or its dealers upon request. Use option code 51 for type 304 stainless steel.

316 grade stainless steel is specified for the more demanding laboratory environments. This molybdenum bearing, higher nickel content grade delivers superior corrosion resistance, improved stain resistance and strengthened chloride resistance. This grade has excellent corrosion resistance to a wider range of chemicals, including the complex sulfur compounds. Use option code 52 for type 316 stainless steel.

Moisture & Corrosion Resistance - Properly selected and maintained stainless steel provides excellent moisture and corrosion resistance in many applications.

Impact Resistance - Stainless steel's high yield strength, even at elevated temperatures, provides high impact strength and therefore ensures durability and extended product life.

Easy to Sanitize - Stainless steel work surfaces with smooth radius corners make it ideal for environments requiring high levels of cleanliness.

Attractive & Aesthetic Appearance - Stainless steel will compliment your lab's design or color scheme and provide a cohesive looking laboratory. It reflects light, brightening lesser lit settings. The easily maintained surface of stainless steel provides an attractive and timeless appearance.

Friendly to the Environment - Stainless steel products are 100% recyclable and have value even after a very long life in the laboratory. 75% - 85% of new stainless steel comes from recycled stainless steel.

Casework & Tables - Built to withstand challenging laboratory requirements, Mott offers a wide variety of fixed and flexible solutions with a variety of options. Our casework and furniture will aesthetically enhance any laboratory environment and meet your specific needs.

Fume Hoods - All Mott's fume hoods are readily available in stainless steel construction. Features can include coved corner liners with integral work surfaces where high levels of cleanliness are required. Hoods can be custom designed and manufactured to meet specific application requirements.

Canopy Hoods - Designed to exhaust non-toxic steam, odors and heat. Available in wall or island configurations to be suspended from the ceiling. Powder coated steel also available.

Customized Solutions - Mott offers a variety of specialty products to fit the needs of most labs, such as: operating room casework, nurse's stations, biological safety casework, and more. Mott is always ready to design and manufacture custom engineered products.

STAINLESS STEEL

Stainless Steel Cabinet Gauges & Material

Drawer Bodies*, Shelves
Door & Drawer Liners, Removable Backs 20 gauge 304-4 S/S

Cabinet Gables, Tops, Bottoms, Toekicks,
Outer Door & Drawer Front Panels, Table Frames, Filler Panels, Sloping Tops 18 gauge 304-4 S/S

Top & Intermediate Channels, Table Legs 16 gauge 304-4 S/S

Drawer Suspension, Hinge Plates 14 gauge 304-4 S/S

Cabinet Leveler Support 11 gauge 304-4 S/S

Five Knuckle Hinges (with S/S Fasteners) 14 gauge 304-4 S/S

Door & Drawer Pulls 304-4 S/S Bar Pull

Door Roller Catch Zinc Plated

3/8" Hex Head Leveler Bolts Electro Plated

Cabinet Leveler Access Covers PVC

Full Extension Drawer Glides Zinc Plated

Shelf Clips Stainless Steel

Sliding Glass Doors Shoes & Tracks Aluminum

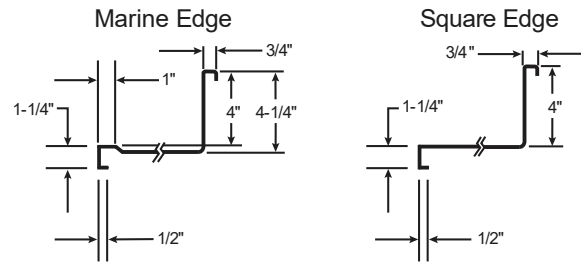
Framed Glass Door Lower Tracks PVC

Counter Tops & Sinks

Counter tops are built to order, all surfaces are welded and polished to a No. 4 finish with quality craftsmanship to produce one piece integral construction. Counter tops can be designed to exactly match customer specifications and include features such as:

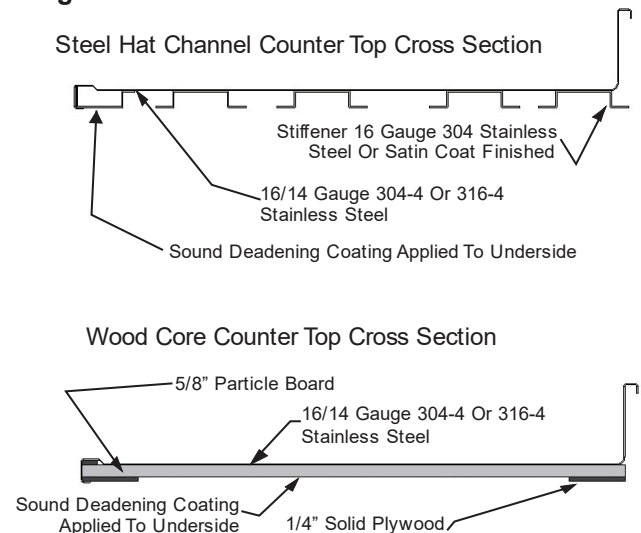
- Marine or square edges (Figure 1)
- Integral sinks in a wide variety of configurations
- Sloping drain boards

Figure 1



Construction options includes either 304 or 316 stainless steel backed with stainless steel or satin coat hat channels (Figure 2). Hat channel construction is recommended for long length counter tops that support heavy equipment or instruments. Or 304 or 316 stainless steel tops can be backed by particle board and plywood core (Figure 2). Standard Mott counter tops have a sound deadening coating applied to their underside.

Figure 2



STAINLESS STEEL SCULLERY SINKS

Scullery Sink Construction Features

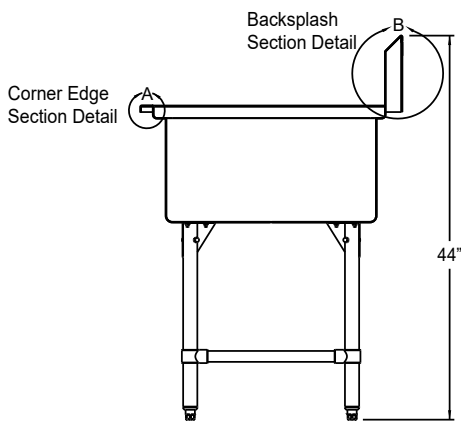
If your lab demands a hygienic and sterile space, then stainless steel is a top choice. Stainless steel is durable, long-lasting and easy to sanitize due to its non-porous qualities. It is also resistant to corrosion and heat, making it an excellent choice for laboratory countertops and sinks.

We can build to your exact requirements; Scullery sinks can be configured with features such as single or multiple compartments, drain boards, side, and back splashes, sensor faucets, aprons, lower shelves and more. Please contact your Mott dealer for details.

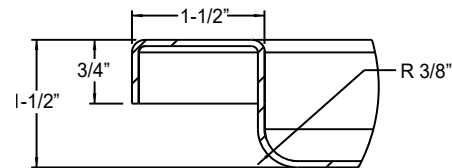
Scullery Sink Construction Details:

- 14 gauge, Type 304 stainless steel with a #4 finish
- Raised marine edge rim design
- Welded 3/8" radius coved corners on all inside edges and corners, for easy cleaning
- 3-1/2" center drain opening in each sink compartment with 1-1/2" tail pipe and cup strainer
- 2" thick, 8" high full length, 45° sloped backsplash to allow for plumbing
- 1-5/8" O.D. legs with adjustable bullet feet and brace supports
- Sink compartments are pitched to the drain
- Sloped drainboards as noted

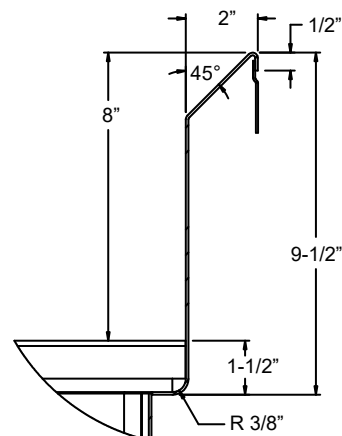
Scullery Sink Side View



Scullery Sink Front Corner Edge Section Detail A



Scullery Sink Backsplash Section Detail B



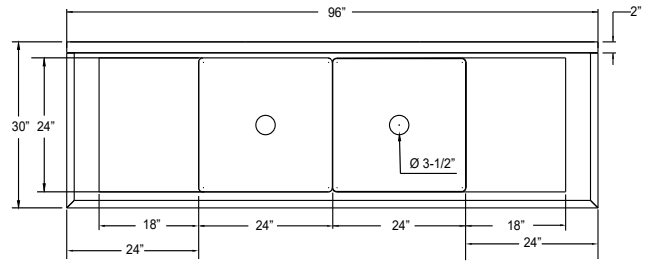
STAINLESS STEEL SCULLERY SINKS

Double Compartment With Two Drainboards

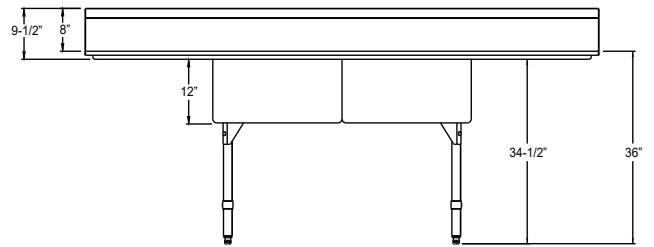
Item Number	Overall Width	Overall Depth	Overall Height	Sink Compartments Width	Sink Compartments Depth	Drainboard
SCU1096	96"	30"	36"	24"	12"	18"



Top View



Front View

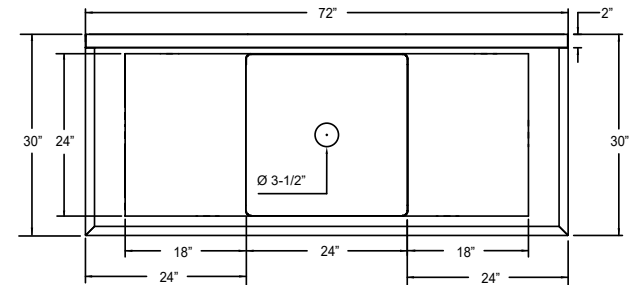


Single Compartment With Two Drainboards

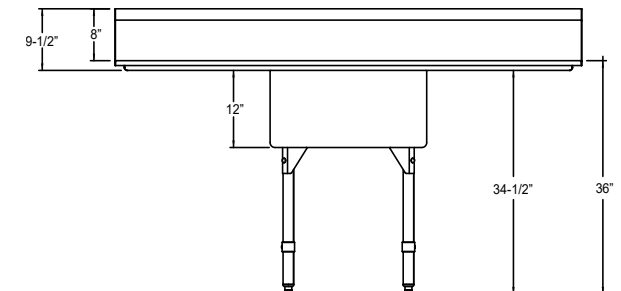
Item Number	Overall Width	Overall Depth	Overall Height	Sink Compartment Width	Sink Compartment Depth	Drainboard
SCU1072	72"	30"	36"	24"	12"	18"



Top View



Front View



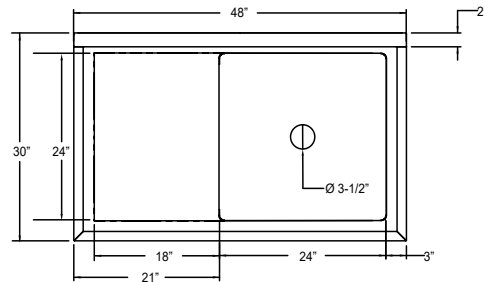
STAINLESS STEEL SCULLERY SINKS

Single Compartment With Left Drainboard

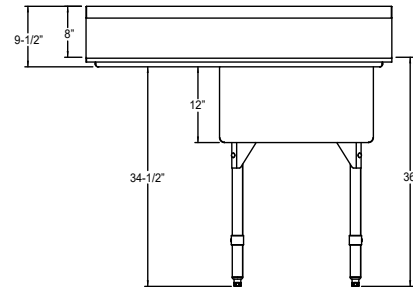
Item Number	Overall Width	Overall Depth	Overall Height	Sink Compartment Width	Sink Compartment Depth	Drainboard
SCU1048L	48"	30"	36"	24"	12"	18"



Top View



Front View

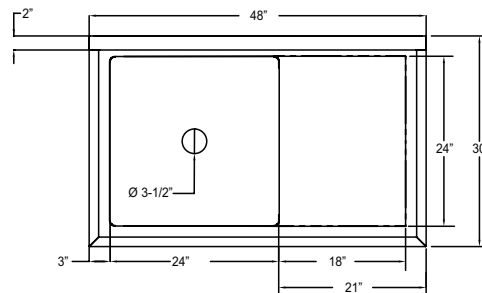


Single Compartment With Right Drainboard

Item Number	Overall Width	Overall Depth	Overall Height	Sink Compartment Width	Sink Compartment Depth	Drainboard
SCU1048R	48"	30"	36"	24"	12"	18"



Top View



Front View

