STORAGE

Storage Cabinets
Storage Shelves
Storage Racks

Unique Stainless Steel Solutions

All Palbam Class cleanroom cabinets have been specially designed to be either shipped flat packed and assembled by customer or shipped assembled. The choice is yours.
Assembly Instructions are included with all cabinets. Assembly is quick and easy requiring no special tools or expertise.
Fabrication materials: stainless steel 304 with electropolished finish.

FULL LENGTH CABINETS - 4 DOORS

This specially designed cleanroom cabinet is shipped flat packed and assembled easily by the customer. This protects the cabinet during transport and reduces shipping costs. "In stock for immediate shipping".
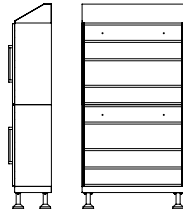
Why do we recommend shipping cabinets flat packed?
• Reduces Shipping Costs
• Reduces likelihood of damage occurring during transport & storage
• Interchangeable parts – allows for future alterations if required
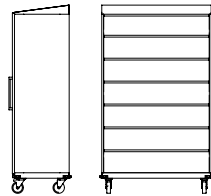
Shipped flat packed

Product	LxWxH (mm)	LxWxH (")	Cat. No.
Full length Cabinet 4 doors 6 shelves	1000x380x2000	40x15x79	Q1001
Full length Cabinet 4 doors 6 shelves	1200x450x2000	48x18x79	Q1002

To ship assembled add – AS after catalog #

FULL LENGTH CABINETS - 2 DOORS

Cleanroom Full Length Storage Cabinets with 2 swing doors. All shelves are removable. Available with either leveler legs or cleanroom casters. Sloping roof is standard. Fabrication material stainless steel 304 with electropolished finish.

Shipped flat packed

Product	LxWxH (mm)	LxWxH (")	Cat. No.
Full length Cabinet 2 doors 6 shelves on leveller legs	1200x600x2100	48x24x83	JF1260
Full length Cabinet 2 doors 6 shelves on casters	1200x600x2100	48x24x83	JF1260C

To ship assembled add – AS after catalog #

FULL LENGTH CABINET - 2 DOORS

Cleanroom Full Length storage cabinets with 2 swing doors. All shelves are removable. Available with either leveller legs or on casters. Sloping roof is standard. Fabrication material stainless steel 304 with electropolished finish.

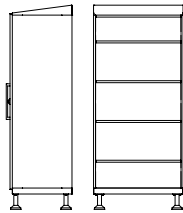**Why do we recommend shipping cabinets flat packed?**
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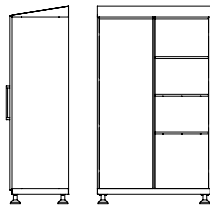
Shipped flat packed

Product	LxWxH (mm)	LxWxH (")	Cat. No.
Full length Cabinet 2 doors 4 shelves on leveller legs	900x600x2100	36x24x83	JF0960
Full length Cabinet 2 doors 4 shelves on casters	900x600x2100	36x24x83	JF0960C

To ship assembled add – AS after catalog #

CLEANERS CABINET - 2 DOORS

Designed for storing mops and cleaning materials.
Fabrication material stainless steel 304 with electropolished finish.

Shipped flat packed

Product	LxWxH (mm)	LxWxH (")	Cat. No.
Cleaners Cabinet on leveller legs	1200x600x2100	48x24x83	JC1260
Cleaners Cabinet on casters	1200x600x2100	48x24x83	JC1260C
Cleaners Cabinet on leveler legs	800x500x1800	32x20x72	JC0850
Cleaners Cabinet on casters	800x500x1800	32x20x72	JC0850C

To ship assembled add – AS after catalog #

CABINETS WITH GLASS DOORS - 2 DOORS

New modern design cleanroom cabinets with safety glass doors allowing easy inspection of contents. Fabrication material stainless steel 304 electropolished finish.
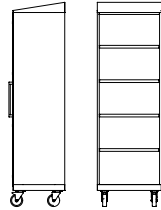
Product	LxWxH (mm)	LxWxH (")	Cat. No.
Full Length Cabinet 2 Glass Doors and 4 shelves on leveller legs	660x540x2100	26x21x83	JG0654
Full Length Cabinet 2 Glass Doors and 4 shelves on casters	660x540x2100	26x21x83	JG0654C
Full Length Cabinet 1 Glass Door and 4 shelves on leveller legs	500x540x2100	20x21x83	JG0554
Full Length Cabinet 1 Glass Door and 4 shelves on casters	500x540x2100	20x21x83	JG0554C

SOILED GARMENT CABINET - 1 DOOR

This cabinet is designed to assist in the degowning and collection of soiled garments for washing. The top flap allows for easy disposal and the door has a latch allowing easy emptying by cleaning contractor. Fabrication material stainless steel 304 electropolished finish.

Shipped flat packed

Product	LxWxH (mm)	LxWxH (")	Cat. No.
Soiled Garment Cabinet - Flat Top	660x540x1950	26x21x77	GC0608
Soiled Garment Cabinet - Sloping Top	660x540x2150	26x21x85	GC0608S

To ship assembled add – AS after catalog #

3/4 HEIGHT CABINETS - 2 DOORS
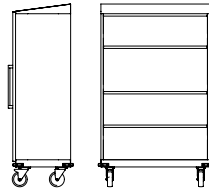
2 Doors and 3 removable shelves

Shipped flat packed

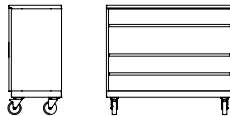| Product	LxWxH (mm)	LxWxH (")	Cat. No.
¾ Height Cabinet on leveller legs	910x483x1500	36x19x59	**JE0948**
¾ Height Cabinet on casters	910x483x1500	36x19x59	**JE0948C**

To ship assembled add – AS after catalog #

1/2 HEIGHT CABINETS - 2 DOORS

2 Doors and 3 removable shelves

Shipped flat packed

Product	LxWxH (mm)	LxWxH (")	Cat. No.
½ Height Cabinet on leveller legs	1200x450x1040	48x18x41	**JH1243**
½ Height Cabinet on casters	1200x450x1040	48x18x41	**JH1243C**

To ship assembled add – AS after catalog #

LOCKER CABINETS
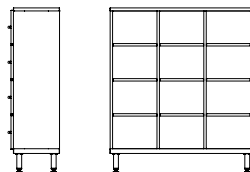
12 compartments for personal item storage

Product	LxWxH (mm)	LxWxH (")	Cat. No.
12 Compartment Cabinet on leveller legs	1178x400x1360	46.5x16x54	**SC1111**
12 Compartment Cabinet on casters	1178x400x1360	46.5x16x54	**SC1111C**

WALL MOUNT CABINETS

These unique cabinets have a high quality finish and can be shipped unassembled - "flat - packed". Assembly easy and quick. Instructions included. Fabrication material: Stainless Steel 304 with Electropolished finish.

Product	LxWxH (mm)	LxWxH (")	Cat. No.
Wall Mount Cabinet - 1 door 3 shelves	460x300x800	18x12x32	Q4620
Wall Mount Cabinet - 2 door 6 shelves	920x300x800	36x12x32	Q4621

PASS THROUGHS

Palbam Class Pass Through Cabinets allow products & materials to be transfered between different rooms. Reduces unnecessary walking and entering/exiting cleanroom. Single or double versions available. Sealing gaskets and compression handles ensure firm closure. Tempered Glass or anti static PVC windows available. Mechanical or electronic interlocks available. Can be customised to requirements. Fabrication material: 304 stainless steel with electropolished finish.

Product	LxWxH (mm)	LxWxH (")	Cat. No.
Pass Through	600x400x600	24x16x24	PT-6060
Pass Through	700x400x700	28x16x28	PT-7070
Pass Through	800x400x800	32x16x32	PT-8080

MINI SHELF

The mini shelf fits anywhere. Wall mounted. Available - solid or perforated. Fabrication material stainless steel 304 with electropolished finish.
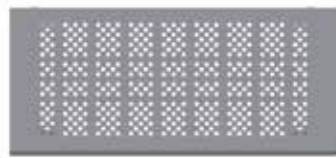
Product	LxWxH (mm)	LxWxH (")	Cat. No.
Mini Shelf Solid	600x450x260	24x18x8	**MB06045-S**
Mini Shelf Solid	700x450x260	28x18x8	**MB07045-S**
Mini Shelf Solid	800x450x260	32x18x8	**MB08045-S**
Mini Shelf Solid	900x450x260	36x18x8	**MB09045-S**
Mini Shelf Solid	1000x450x260	40x18x8	**MB10045-S**
Mini Shelf Solid	1100x450x260	44x18x8	**MB11045-S**
Mini Shelf Solid	1200x450x260	48x18x8	**MB12045-S**
Mini Shelf Perforated	600x450x260	24x18x8	**MB-06045-P**
Mini Shelf Perforated	700x450x260	28x18x8	**MB-07045-P**
Mini Shelf Perforated	800x450x260	32x18x8	**MB-08045-P**
Mini Shelf Perforated	900x450x260	36x18x8	**MB-09045-P**
Mini Shelf Perforated	1000x450x260	40x18x8	**MB-10045-P**
Mini Shelf Perforated	1100x450x260	44x18x8	**MB-11045-P**
Mini Shelf Perforated	1200x450x260	48x18x8	**MB-12045-P**

FOLD DOWN MINI SHELF

When not in use this mini shelf can be folded down against the wall. Ideal for tight areas where space is limited. Fabrication material: stainless steel 304 with electropolished finish

Product	LxWxH (mm)	LxWxH (")	Cat. No.
Fold Down Mini Shelf	600x450x260	24x18x8	**WN0601**
Fold Down Mini Shelf	700x450x260	28x18x8	**WN0701**
Fold Down Mini Shelf	800x450x260	32x18x8	**WN0801**
Fold Down Mini Shelf	900x450x260	36x18x8	**WN0901**
Fold Down Mini Shelf	1000x450x260	40x18x8	**WN1001**
Fold Down Mini Shelf	1100x450x260	44x18x8	**WN1101**
Fold Down Mini Shelf	1200x450x260	48x18x8	**WN1201**
Fold Down Mini Shelf - Perforated	600x450x260	24x18x8	**WN0610**
Fold Down Mini Shelf - Perforated	700x450x260	28x18x8	**WN0710**
Fold Down Mini Shelf - Perforated	800x450x260	32x18x8	**WN0810**
Fold Down Mini Shelf - Perforated	900x450x260	36x18x8	**WN0910**
Fold Down Mini Shelf - Perforated	1000x450x260	40x18x8	**WN1010**
Fold Down Mini Shelf - Perforated	1100x450x260	44x18x8	**WN1110**
Fold Down Mini Shelf - Perforated	1200x450x260	48x18x8	**WN1210**

GOWNING CABINET - Packaged Items

Cabinet manufactured from stainless steel 304 and electro-polished

Shipped flat packed

Product	LxWxH (mm)	LxWxH (")	Cat. No.
Gowning Cabinet on leveler legs	800x400x2100	32x16x82	**GF0801**
This is a narrow cabinet so only supplied on leveler legs			

To ship assembled add – AS after catalog #

GOWNING CABINET - Gowns & Booties

Cabinet manufactured from stainless steel 304 and electro-polished with safety glass doors

Shipped flat packed

Product	LxWxH (mm)	LxWxH (")	Cat. No.
Gowning Cabinet on leveler legs	1300x500x2100	51x20x82	**JG1350**
Gowning Cabinet on casters	1300x500x2100	51x20x82	**JG1350C**

To ship assembled add – AS after catalog #

# PALBAM CLASS - Unique Flat Packed Cleanroom Cabinets

Manufacturing with stainless steel 304 (316 upon request) and with an electro-polished finish the cabinets are of the highest quality suitable for cleanroom usage.
The unique flat packed design allows for the cabinets to be shipped economically and safely to your site. Cabinets are easily assembled and no special tools are required.

The below view of a sample cabinet shows how simply the cabinets are designed and assembled. This special design also allows us to fully electro-polish each part ensuring the highest level of corrosion protection and clean smooth surfaces.

Sample Palbam Class Cleanroom Cabinet Assembly shown below:

- Flat Packed
- Fully electro-polished
- Economical shipping
- Minimizes shipping damage
- Replaceable parts
- Unique to Palbam Class
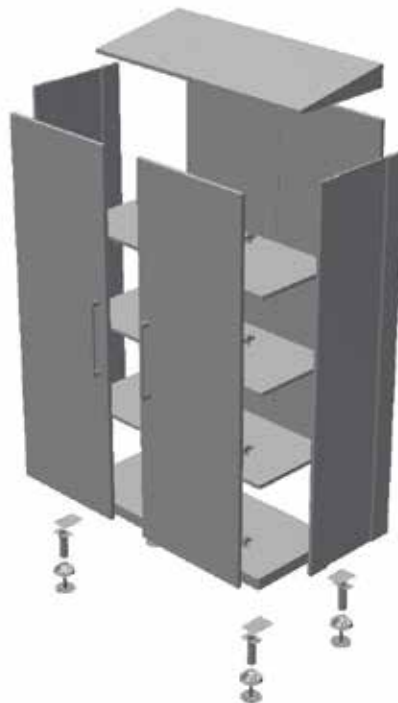
RFID TRACKING IN THE CLEANROOM

Automating inventory management for high-value products/components

Palbam Class has partnered with LogiTag to offer RFID tracking solutions in the cleanroom environment. This technology can be integrated in cabinets, shelving or carts - wherever a smart real time tracking solution of high value items is required.

Smart Cabinet
Utilizing patent-protected RFID technology in combination with point-of-use reporting, the Smart Cabinet gives cleanroom users precise, real-time inventory management at the item level. LogiTag's advanced cloud-based software gives the entire supply chain an accurate view of inventory levels, usage, and status of high-value products / components.

Product	LxWxH (mm)	LxWxH (")	Cat. No.
RFID Smart Cabinet	700x950x2100	28x37x82	**SMART-CABINET**

Contact Palbam Class for details how we can customize a RFID tracking solution
for your individual cleanroom requirement.

About LogiTag
LogiTag develops, manufactures, and markets intelligent, best-in-class RFID solutions and systems for tracking, monitoring, and managing inventory, assets, and people. LogiTag identified a growing need for advanced RFID technology with applications in healthcare, security, and hi-tech industries. LogiTag's founders drew on their extensive knowledge and deep understanding of RFID, software, operations, and logistics to develop modular, Real-Time Location Systems (RTLS) and comprehensive hardware/software suites that integrate smoothly into lean manufacturing and operations. LogiTag's flexible systems utilize cloud-based computing and a Software-as-a-Service (SaaS) delivery model to facilitate 24/7/365 availability, high value, and a rapid return on investment. All LogiTag systems are produced in accordance with international standards. LogiTag takes pride in its strong, long-term customer relationships and its ability to meet the changing needs of its markets. Its sophisticated RFID systems give LogiTag customers confidence and peace of mind.

RESTOCKING THE SMART CABINET

RFID labels are placed on the item package or box, and the item's barcode is scanned to "enroll" it into the system. Enrolled items are ready for placement in the Smart Cabinet (an RFID tag identifies the user and unlocks the cabinet doors). Items are placed on the shelves with the RFID tags facing the rear of the cabinet. The cabinet doors are closed and the items are ready for use.
LogiTag's advanced cloud-based software gives the entire supply chain an accurate view of inventory levels, usage, and status of high-value items.
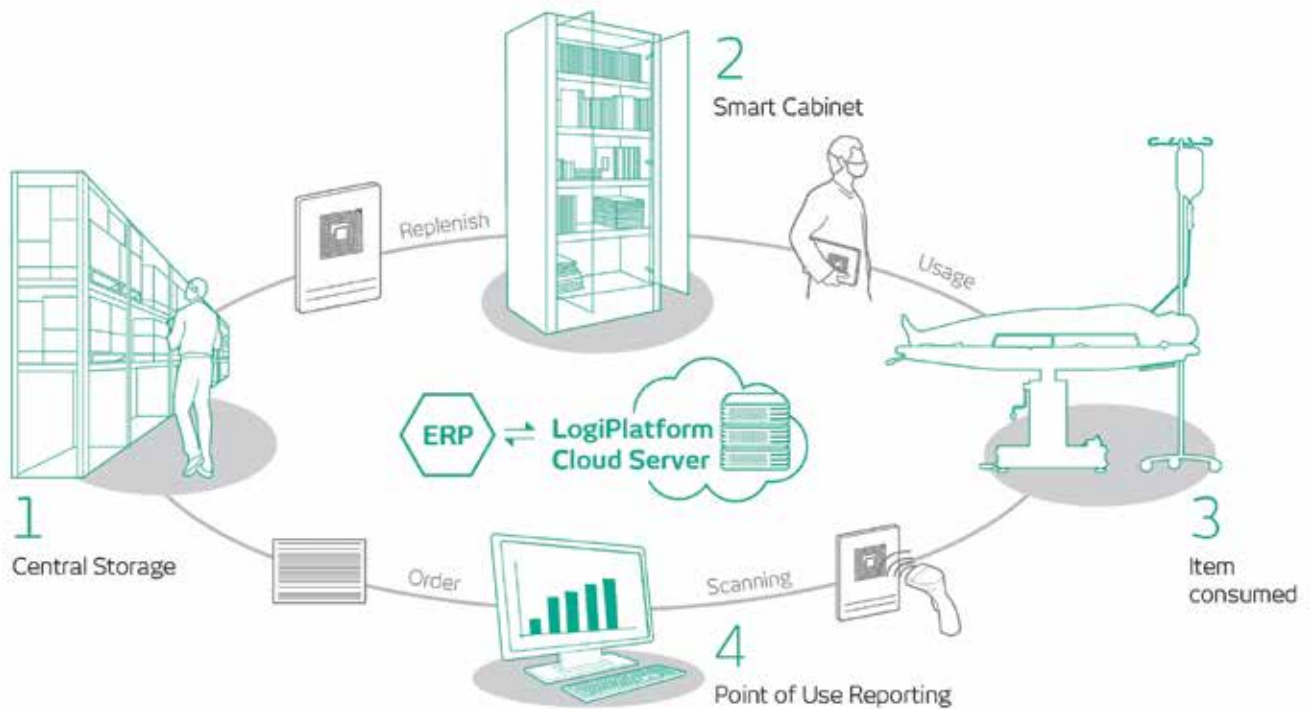
The Smart Cabinet presents cleanrooms with an affordable hardware and software system to effectively automate and optimize management of high-value items.
• Eliminates manual counting
• Produces accurate inventory records in real time
• Provides immediate identification of procedure and item
• Supports consignment inventory management
• Eliminates stock-outs
• Reduces inventory waste with right-size inventory
• Reduces management costs

SHELF UNITS - SOLID

Palbam Class offers a high quality range of solid or perforated shelving units fabricated from stainless steel 304 with electropolished finish. The units are available on leveler legs or 5 inch diameter cleanroom casters.
The standard unit consists of 4 shelves. Extra shelves can be added. The shelving is adjustable every 200 mm.

On casters

Solid Shelves 400mm Widths

Solid Shelves

Product	LxWxH (mm)	LxWxH (")	Cat. No.
4 Solid Shelves Unit - leveler legs	1000x400x1900	40x16x75	SU-1040-4-S
4 Solid Shelves Unit - on casters	1000x400x1900	40x16x75	SU-1040-4-S-Casters
4 Solid Shelves Unit - leveler legs	1100x400x1900	43x16x75	SU-1140-4-S
4 Solid Shelves Unit - on casters	1100x400x1900	43x16x75	SU-1140-4-S-Casters
4 Solid Shelves Unit - leveler legs	1200x400x1900	48x16x75	SU-1240-4-S
4 Solid Shelves Unit - on casters	1200x400x1900	48x16x75	SU-1240-4-S-Casters
4 Solid Shelves Unit - leveler legs	1300x400x1900	51x16x75	SU-1340-4-S
4 Solid Shelves Unit - on casters	1300x400x1900	51x16x75	SU-1340-4-S-Casters
4 Solid Shelves Unit - leveler legs	1400x400x1900	56x16x75	SU-1440-4-S
4 Solid Shelves Unit - on casters	1400x400x1900	56x16x75	SU-1440-4-S-Casters
4 Solid Shelves Unit - leveler legs	1500x400x1900	59x16x75	SU-1540-4-S
4 Solid Shelves Unit - on casters	1500x400x1900	59x16x75	SU-1540-4-S-Casters
4 Solid Shelves Unit - leveler legs	1600x400x1900	63x16x75	SU-1640-4-S
4 Solid Shelves Unit - on casters	1600x400x1900	63x16x75	SU-1640-4-S-Casters

Solid Shelves 600mm widths

Solid Shelves

Product	LxWxH (mm)	LxWxH (")	Cat. No.
4 Solid Shelves Unit - leveler legs	1000x600x1900	40x24x75	SU-1060-4-S
4 Solid Shelves Unit - on casters	1000x600x1900	40x24x75	SU-1060-4-S-Casters
4 Solid Shelves Unit - leveler legs	1100x600x1900	43x24x75	SU-1160-4-S
4 Solid Shelves Unit - on casters	1100x600x1900	43x24x75	SU-1160-4-S-Casters
4 Solid Shelves Unit - leveler legs	1200x600x1900	48x24x75	SU-1260-4-S
4 Solid Shelves Unit - on casters	1200x600x1900	48x24x75	SU-1260-4-S-Casters
4 Solid Shelves Unit - leveler legs	1300x600x1900	51x24x75	SU-1360-4-S
4 Solid Shelves Unit - on casters	1300x600x1900	51x24x75	SU-1360-4-S-Casters
4 Solid Shelves Unit - leveler legs	1400x600x1900	56x24x75	SU-1460-4-S
4 Solid Shelves Unit - on casters	1400x600x1900	56x24x75	SU-1460-4-S-Casters
4 Solid Shelves Unit - leveler legs	1500x600x1900	59x24x75	SU-1560-4-S
4 Solid Shelves Unit - on casters	1500x600x1900	59x24x75	SU-1560-4-S-Casters
4 Solid Shelves Unit - leveler legs	1600x600x1900	63x24x75	SU-1660-4-S
4 Solid Shelves Unit - on casters	1600x600x1900	63x24x75	SU-1660-4-S-Casters

SHELF UNITS PERFORATED

On leveler legs

Perforated Shelves 400mm Widths

Perforated Shelves

Product	LxWxH (mm)	LxWxH (")	Cat. No.
4 Perforated Shelves Unit - leveler legs	1000x400x1900	40x16x75	**SU-1040-4-P**
4 Perforated Shelves Unit - on casters	1000x400x1900	40x16x75	**SU-1040-4-P-Casters**
4 Perforated Shelves Unit - leveler legs	1100x400x1900	43x16x75	**SU-1140-4-P**
4 Perforated Shelves Unit - on casters	1100x400x1900	43x16x75	**SU-1140-4-P-Casters**
4 Perforated Shelves Unit - leveler legs	1200x400x1900	48x16x75	**SU-1240-4-P**
4 Perforated Shelves Unit - on casters	1200x400x1900	48x16x75	**SU-1240-4-P-Casters**
4 Perforated Shelves Unit - leveler legs	1300x400x1900	51x16x75	**SU-1340-4-P**
4 Perforated Shelves Unit - on casters	1300x400x1900	51x16x75	**SU-1340-4-P-Casters**
4 Perforated Shelves Unit - leveler legs	1400x400x1900	56x16x75	**SU-1440-4-P**
4 Perforated Shelves Unit - on casters	1400x400x1900	56x16x75	**SU-1440-4-P-Casters**
4 Perforated Shelves Unit - leveler legs	1500x400x1900	59x16x75	**SU-1540-4-P**
4 Perforated Shelves Unit - on casters	1500x400x1900	59x16x75	**SU-1540-4-P-Casters**
4 Perforated Shelves Unit - leveler legs	1600x400x1900	63x16x75	**SU-1640-4-P**
4 Perforated Shelves Unit - on casters	1600x400x1900	63x16x75	**SU-1640-4-P-Casters**

Perforated Shelves 600mm Widths

Perforated Shelves

Product	LxWxH (mm)	LxWxH (")	Cat. No.
4 Perforated Shelves Unit - leveler legs	1000x600x1900	40x24x75	**SU-1060-4-P**
4 Perforated Shelves Unit - on casters	1000x600x1900	40x24x75	**SU-1060-4-P-Casters**
4 Perforated Shelves Unit - leveler legs	1100x600x1900	43x24x75	**SU-1160-4-P**
4 Perforated Shelves Unit - on casters	1100x600x1900	43x24x75	**SU-1160-4-P-Casters**
4 Perforated Shelves Unit - leveler legs	1200x600x1900	48x24x75	**SU-1260-4-P**
4 Perforated Shelves Unit - on casters	1200x600x1900	48x24x75	**SU-1260-4-P-Casters**
4 Perforated Shelves Unit - leveler legs	1300x600x1900	51x24x75	**SU-1360-4-P**
4 Perforated Shelves Unit - on casters	1300x600x1900	51x24x75	**SU-1360-4-P-Casters**
4 Perforated Shelves Unit - leveler legs	1400x600x1900	56x24x75	**SU-1460-4-P**
4 Perforated Shelves Unit - on casters	1400x600x1900	56x24x75	**SU-1460-4-P-Casters**
4 Perforated Shelves Unit - leveler legs	1500x600x1900	59x24x75	**SU-1560-4-P**
4 Perforated Shelves Unit - on casters	1500x600x1900	59x24x75	**SU-1560-4-P-Casters**
4 Perforated Shelves Unit - leveler legs	1600x600x1900	63x24x75	**SU-1660-4-P**
4 Perforated Shelves Unit - on casters	1600x600x1900	63x24x75	**SU-1660-4-P-Casters**

WIP RACK 8" - Floor Mount

This WIP rack is suitable for 8" boxes and SMIF pods. Dedicated ports with integral signing allow easy identification, WIP identification system attachment is also possible. Minimal surfaces keep material clean and safe. Available in a variety of sizes. Fabrication material: 304 stainless steel, electropolished.

Product	LxWxH (mm)	LxWxH (inch)	Cat. No.
WIP Rack 4 lots	468x330x1555mm	18.5x13x61	**SW0402**
WIP Rack 8 lots	831x330x1555mm	33x13x61	**SW0805**
WIP Rack 12 lots	1194x330x1555mm	47x13x61	**SW1101**
WIP Rack 16 lots	1557x330x1555mm	61x13x61	**SW1501**

WIP RACK 6" - Floor & Wall Mount

The floor mounted 6" wafer storage unit is a low-footprint product. Dedicated ports with integral signing allow easy identification. Minimal surfaces keep material clean and safe. Available in a variety of sizes. Fabrication material: 304 stainless steel, electropolished.

Product	LxWxH (mm)	LxWxH (inch)	Cat. No.
WIP Rack 6 lots	300x285x1920	12x11.2x76	**SW0301**
WIP Rack 12 lots	550x285x1920	22x11.2x76	**SW0502**
WIP Rack 18 lots	800x285x1920	32x11.2x76	**SW0801**
WIP Rack 24 lots	1050x285x1920	42x11.2x76	**SW1001**

This small WIP storage item supports local storage.
Installed on walls by bolt means. Integral sign plate for easy identification.
8" version also available.
Fabrication material: 304 stainless steel, electropolished.

Product	LxWxH (mm)	LxWxH (inch)	Cat. No.
Wall Mount WIP Rack 2 lot	475x348x100	19x14x4	**SW0401**
Wall Mount WIP Rack 3 lot	725x348x100	29x14x4	**SW0701**
Wall Mount WIP Rack 4 lot	975x348x100	39x14x4	**SW0901**

FOUP/FOSB - Shelving

Special nests designed to safely house FOUP & FOSB wafer boxes - used in 300 mm Wafer Fabs. Fabricated from stainless 304 with electropolished finish.
Delivered flat packed. Assembly instructions included.

Product	LxWxH (mm)	LxWxH (inch)	Cat. No.
FOUP / FOSB Rack - 3 nests	560x537x1768	22x21x70	FR-3
FOUP / FOSB Rack - 6 nests	1096x537x1768	43x21x70	FR-6
FOUP / FOSB Rack - 9 nests	1644x537x1768	65x21x70	FR-9
FOUP / FOSB Rack - 12 nests	2200x537x1768	86x21x70	FR-12

FOUP & SMIF N2 Purging solutions

As semiconductor technology advances, new requirements have evolved with regards to the wafer storage environment throughout the production process. N2 Purging protects wafers from the harmful effects of oxygen, water vapor and gaseous contaminants. The high purity purging systems are designed to meet SEMI standards and are available as "Standalone" units or "Fully Integrated" into Stockers with full communication with AMHS and OHV systems.

RETICLE STORAGE

These minimal footprint floor mounted racks are designed to protect masks from particulation and ESD. Special structure enables clean air to flow through rack and keep particles off. Each mask is seated in a separate port. This product can be modified according to mask type. An enclosed version with doors is also available.
Fabrication material: 304 stainless steel, electropolished.

Product	LxWxH (mm)	LxWxH (")	Cat. No.
Reticle Mask Storage - 25 slots	240x210x1910	9.5x8.5x75	MSK 25
Reticle Mask Storage - 50 slots	478x210x1910	19x8.5x75	MSK 50
Reticle Mask Storage - 75 slots	710x210x1910	28x8.5x75	MSK 75
Reticle Mask Storage - 100 slots	946x210x1910	37x8.5x75	MSK 100
Reticle Box Storage - 21 slots	750x300x1862	29.5x12x74	BOX 21 RET