



# ARTS & LADDERS

**Unique Stainless Steel Solutions**



## UTILITY CARTS



The Cleanroom carts are designed to withstand heavy loads.  
Up to 60kg per shelf.  
Integral raised ledges prevent parts from rolling off and are easy to wipe down.

Options include:  
2 or 3 shelves  
Solid or perforated.  
Special non-marking, smooth running 5" cleanroom casters (2 with brakes) supplied with every cart  
Fabrication material: 304 stainless steel, electropolished.  
Shipped Flat Packed with assembly instructions.

Product	LxWxH (mm)	LxWxH ( " )	Cat. No.
Cleanroom Utility Cart - 2 solid shelves	550x550x990	22x22x39	UC-55-2
Cleanroom Utility Cart - 2 solid shelves	865x550x990	34x22x39	UC-85-2
Cleanroom Utility Cart - 3 solid shelves	550x550x990	22x22x39	UC-55-3
Cleanroom Utility Cart - 3 solid shelves	865x550x990	34x22x39	UC-85-3
Cleanroom Utility Cart - 2 perforated shelves	550x550x990	22x22x39	UCP-55-2
Cleanroom Utility Cart - 2 perforated shelves	865x550x990	34x22x39	UCP-85-2
Cleanroom Utility Cart - 3 perforated shelves	550x550x990	22x22x39	UCP-55-3
Cleanroom Utility Cart - 3 perforated shelves	865x550x990	34x22x39	UCP-85-3

## NEW AUTOCLAVABLE CARTS

Palbam Class now offers fully autoclavable carts based on the utility carts above however with special autoclavable fork and caster. These are less smooth running than the Utility Carts but if they have to be autoclavable they are a great solution.

Simply remove the UC from catalog # and add AC.

**Example:** Autoclavable cart 2 solid shelves 865x550x990mm is AC-85-2

## CHEMICAL TRANSPORT CART



This high quality cart has been designed to safely transport chemical containers throughout the cleanroom.

- Shelves height adjustable.
  - Shelf covers are removable to allow easy wipedown.
  - Anti vibration system in each wheel, reducing vibrations to breakable canisters. (optional)
  - Remainder of cart fabricated from sst 316 with electropolished finish.
- Significantly lighter than standard polypropylene carts reducing maneuvering efforts.

Product	LxWxH (mm)	LxWxH ( " )	Cat. No.
Chemical Transport Cart with anti vibrations casters	1148x558x1141	45x22x45	CY0004
Chemical Transport Cart with regular cleanroom casters	1148x558x1141	45x22x45	CY0006

## PARTICLE COUNTER TRANSPORT CART



This cart is specially designed for transporting **particle sensing machines** around the cleanroom environment. Ergonomic design. (optional) Shock absorbing system in each wheel protects the valuable particle sensor from vibrations and shocks.

We recommend the carts with anti-vibration casters for Semi-conductor cleanrooms with perforated floors. We recommend the carts with regular cleanroom casters for Pharma cleanrooms.

Telescopic arm attached to cart allows sensor placement to a height of 3m. Jointed arms at the end of the telescopic arm enable positioning of sensor underneath hoods and in awkward places.

Fabrication material: 304 stainless steel, electropolished.

Can be ordered with or without the telescopic arm.



Telescopic Arm for sensor carts  
3m height extendable / 1m horizontal extendable.

Fabrication materials: stainless steel and anodized aluminum. Anodized aluminum may be black or steel color.

### With Anti-Vibration Casters

Product	LxWxH (mm)	LxWxH ( " )	Cat. No.
Particle Counter Transport Cart - solid shelves	691x490x1000	27x19x39	PCCS0701
Particle Counter Transport Cart - perforated shelves	691x490x1000	27x19x39	PCCS0702
Particle Counter Transport Cart - solid LARGE shelves	917x490x1000	36x19x39	PCCS0902

### With Regular Cleanroom Casters

Product	LxWxH (mm)	LxWxH ( " )	Cat. No.
Particle Counter Transport Cart - solid shelves	691x490x1000	27x19x39	PCCS0721
Particle Counter Transport Cart - perforated shelves	691x490x1000	27x19x39	PCCS0722
Particle Counter Transport Cart - solid LARGE shelves	917x490x1000	36x19x39	PCCS0922

Product	Cat. No.
Telescopic Arm for sensor carts	96525700

## WAFER TRANSPORT CARTS



### Features

- The 8" WIP cart is designed to carry SMIF pods and regular boxes too.
- The nest holds the product firmly and prevents it from sliding and rocking.
- A patented shock absorber system is integrated into each wheel.
- Superb castors and large bumpers allow easy and safe driving of cart.
- The cart, which is compact in size, is easy to maneuver within the busy clean room, especially through narrow isles.
- Fabrication material: 304 stainless steel, electropolished.

### Benefits

- Wafer protection results in higher yields.



This cart is designed to transport open cassettes. The special nests are connected to cart frame by 4 spring loaded dampers, reducing vibrations.

Product	LxWxH (mm)	LxWxH ( " )	Cat. No.
8" WIP Carts - 4 nests	884x400x935	35x16x37	4-PWC
8" WIP Carts - 6 nests	884x470x1220	35x19x48	6-PWC



This cart is designed to transport FOUP & FOSB wafer containers used in 300mm wafer manufacturing.

Product	LxWxH (mm)	LxWxH ( " )	Cat. No.
8" Wafer Cassette Transport Cart - 4 nests	1010x750x1105	40x30x43	4-PCC
8" Wafer Cassette Transport Cart - 6 nests	1400x750x1105	55x30x43.5	6-PCC

Product	LxWxH (mm)	LxWxH ( " )	Cat. No.
12" Wafer Transport - FOUP / FOSB - 1 nest	738x590x1231	29x23x49	1-PFC
12" Wafer Transport - FOUP / FOSB - 2 nests	1211x590x1231	48x23x49	2-PFC
12" Wafer Transport - FOUP / FOSB - 4 nests	1211x590x1231	48x23x49	4-PFC

## TOOL CART - 5 DRAWERS



This newly designed ultraclean stainless steel fully electropolished Tool Cart features:

- 5 fully extendable drawers.
- One lock which secures all the drawers.
- Top ledge to prevent tools/parts falling.
- Cleanroom castors with brakes.

Fabrication material: Stainless Steel 304 with Electropolished finish.

We can customize to your requirements.

**In Stock**

Product	LxWxH (mm)	LxWxH ( " )	Cat. No.
Tool Cart	730x470x850	29x18.5x34	CT0702

## TOOL CART - 6 DRAWERS



Stainless Steel high quality Cleanroom Tool Cart with modern clean design.

- 6 Drawers are fully extendable.
  - Each Drawer has a lock.**
  - Raised edge on top surface prevents parts from accidentally falling.
  - Supplied with Cleanroom casters (2 with brakes).
- Fabrication material: 304 stainless steel, electropolished.

Product	LxWxH (mm)	LxWxH ( " )	Cat. No.
Tool Cart	730x470x1000	29x18.5x39.5	CT0704

## TOOL CART - 8 DRAWERS



Stainless Steel high quality Cleanroom Tool Cart with modern clean design.

- 8 Drawers are fully extendable. 2 large, 2 medium and 4 small drawers.
- Raised edge on top surface prevents parts from accidentally falling.
- Supplied with Cleanroom casters (2 with brakes).

**Without Drawer locks.**

Fabrication material : 304 stainless steel, electropolished.

Product	LxWxH (mm)	LxWxH ( " )	Cat. No.
Tool Cart	900x600x1193	35.5x24x47	CT0710

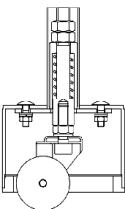
STEP LADDERS - Mobile



Maneuverable step ladders with mooncasters. While weight is applied on the first step, wheels retract and the moon cups with cleanroom approved nylon guards sit firmly on the floor, ensuring a safe climb. Height of top step from ground level when weight is applied are as follows:  
1 step ladder - 201mm  
2 step ladder - 520mm  
3 step ladder - 609mm  
4 step ladder - 782mm  
5 step ladder - 1140mm (this ladder is equipped with side stabilizers)

**The ladders:**  
STLD-1  
STLD-2  
STLD-3  
are held in stock for immediate shipment.

All the ladders can be maneuvered by a single person and are ideal if they have to be moved often.  
Fabrication material: 304 stainless steel, electropolished.  
Mechanism parts are made of SST.



Product	LxWxH (mm)	LxWxH ( " )	Cat. No.
1 step ladder with retractable casters	600x300x200	24x12x8	1-STLD
2 step ladder with retractable casters	805x500x600	32x25x24	2-STLD
3 step ladder with retractable casters	632x832x1509	25x33x60	3-STLD
4 step ladder with retractable casters	900x1025x1713	36x40x68	4-STLD
5 step ladder with fixed casters & side stabilizers	800x1520x2200	32x60x87	5-STLD

## STEP LADDERS - NON MOBILE



The non mobile range of step stools are identical to the mobile range except that they have leveling feet instead of the retractable casters. These step stools are designed for fixed locations where they are not required to be moved often. Fabrication material: 304 stainless steel with electropolished finish.

Product	LxWxH (mm)	LxWxH ( " )	Cat. No.
1 step ladder - non-mobile	600x300x200	24x12x8	1-LAD-NM
2 step ladder - non-mobile	805x500x600	32x25x24	2-LAD-NM
3 step ladder - non-mobile	632x832x1509	25x33x60	3-LAD-NM
4 step ladder - non-mobile	900x1025x1713	36x40x68	4-LAD-NM
5 step ladder - non-mobile	800x1280x2000	32x51x79	5-LAD-NM



Custom Step Ladder Designs Possible