

Oven Trolley with 4 Wheels

DESCRIPTION

The **Oven Trolley (SS-304, 4-Wheel Model)** is a durable and hygienic stainless-steel utility trolley designed for safely transporting ovens, trays, or sterilisation equipment within hospital or laboratory environments.

As visible in your uploaded image, this model features a **square 32" × 32" platform**, supported by a **heavy-duty SS-304 tubular frame** and mounted on **4" imported castor wheels** for smooth and stable movement.

Its **fine-polished surface** ensures a clean, professional appearance while providing superior corrosion resistance, making it ideal for use in operation theatres, CSSDs, and research facilities.

SPECIFICATION

- Product Name: Oven Trolley with 4 Wheels
- Size: 32" × 32"
- Height: 33"
- Material: Stainless Steel (SS-304 – Medical Grade)
- Finish: Fine polished, fully finished model
- Frame: Square tubular SS structure with welded joints
- Top Platform: Solid stainless-steel tray surface for oven or equipment placement
- Wheels: 4" imported swivel castor wheels (two lockable)
- Structure: Open-frame design for easy cleaning and airflow
- Handles: Side push/pull handles for convenient mobility

SIZES & VARIANTS

- **Standard:** 32" × 32" × 33" (as per your image)
- **Optional Sizes:** 24" × 24", 36" × 36", or custom configurations
- **Wheel Options:** 3", 4", or 5" castor wheels (braked/non-braked)
- **Finish Options:** Mirror-polished or matte satin finish
- **Variants:** Single-tier or multi-tier models for oven stacking

TYPES & FEATURES

- Strong, stable, and corrosion-resistant SS-304 frame
- Smooth mobility with imported castor wheels
- Ample platform size for laboratory or sterilisation ovens
- Seamless welding with rounded corners for hygiene
- Easy to handle and clean due to open design
- Ideal for clinical and industrial equipment handling

MATERIAL DETAILS

- **SS-304 Stainless Steel (AISI 304):** Rust-proof, non-magnetic, and disinfectant-safe
- **Finish:** Fine-polished for reflective, sterile look
- **Welding:** TIG-welded joints for strength and hygiene
- **Wheels:** 4" imported castors (medical-grade, non-marking, noise-free)
- **Optional Upgrade:** SS-316 for marine or high-humidity hospital environments

CATEGORY & PRODUCT FORM

- Category: Hospital & Laboratory Utility Furniture
- Product Form: Mobile stainless-steel trolley for oven or sterilisation units
- Functional Type: Single-platform, mobile heavy-duty support trolley

USAGE & APPLICATION

- Used for carrying sterilisation ovens, autoclaves, or lab trays
- Ideal for operation theatres, CSSDs, and laboratory setups
- Suitable for both **human** and **veterinary** medical environments
- Facilitates safe transfer of heated or sterilised instruments

ADVANTAGES

- Fully corrosion-resistant and easy to clean
- Smooth movement with imported wheels
- Stable and durable under heavy load
- Fine finish suitable for sterile environments
- Compact yet strong design for clinical use

DISADVANTAGES

- Single-tier model limits storage capacity
- Heavy when loaded with large equipment
- Requires regular cleaning to maintain finish

PRECAUTIONS

- Lock wheels before loading or unloading ovens
- Avoid overloading beyond rated weight limit
- Clean regularly with neutral-pH disinfectant
- Do not use abrasive pads on polished SS surfaces

HANDLING & CARE

- Wipe daily using mild hospital-grade cleaner
- Keep castor joints lubricated for smooth movement
- Dry surfaces completely after washing
- Check welds and locks periodically for stability

STERILISATION DETAILS

- Clean using alcohol-based or neutral-pH disinfectants
- Avoid direct autoclaving of full trolley frame
- Use chemical disinfection for surface cleaning
- Maintain dry, sterile storage after use

HUMAN & VETERINARY APPLICATIONS

- **Human Medical Use:** Transporting ovens, instruments, or sterile trays in CSSD and OT zones
- **Veterinary Use:** Handling sterilisation units or heating equipment in animal hospitals
- Supports sterile workflow in both sectors

HS & HSN CODES

- **HS Code:** 9403
- **HSN Code:** 94032010 — Stainless Steel Hospital & Laboratory Furniture

FAQS (Frequently Asked Questions)

Q1: Why is SS-304 preferred for oven trolleys?

It provides excellent heat and corrosion resistance, ensuring safety and hygiene during handling of sterilised equipment.

Q2: Are the 4" castor wheels heat-resistant?

Yes, they are imported medical-grade castors designed to handle moderate heat and continuous movement.

Q3: Can this trolley carry heavy ovens safely?

Absolutely — the reinforced SS-304 frame is capable of supporting heavy equipment while maintaining stability.

Q4: How should the trolley be cleaned after use?

Use alcohol-based or mild detergent cleaners, then wipe dry to preserve its polished finish and prevent stains.

Q5: Is this trolley suitable for both hospital and veterinary use?

Yes, its hygienic build and strong mobility make it ideal for both human and animal sterilisation environments.