

## Mayo Trolley Single Bar & Double Bar

### **DESCRIPTION**

The **Mayo Trolley** is an essential stainless steel (SS-304) instrument stand used in operating theatres and procedure rooms for holding surgical instruments during operations.

Your image shows two variations — **Single Bar (20" x 15")** and **Double Bar (30" x 20")** — both constructed from **premium SS-304**, featuring a height-adjustable tray and smooth mobility.

The trolley's upper tray is detachable and supported by a stable tubular frame with a clean mirror finish. The **single bar type** offers light-duty use with compact mobility, while the **double bar version** provides added strength and tray stability for heavier instrument sets.

Mounted on four anti-static castor wheels, these trolleys ensure effortless movement within sterile areas. The sleek and open design makes them easy to clean, corrosion-resistant, and ideal for both human and veterinary medical use.

### **SPECIFICATION**

- Product Name: Mayo Trolley
- Types: Single Bar & Double Bar
- **Single Bar Size:** 20" x 15" – Height 30"
- **Double Bar Size:** 30" x 20" – Height 30"
- Material: Stainless Steel (SS-304 – Medical Grade)
- Tray: Detachable / Removable instrument tray
- Frame: Tubular SS frame – single bar or double bar support structure
- Wheels: 4 swivel castor wheels (two lockable) for smooth mobility
- Height: Adjustable via tension knob (on both types)
- Finish: Mirror / satin polished surface for a hygienic and professional look

### **SIZES & VARIANTS**

- **Single Bar:** Compact version for minor procedures, limited-space OTs
- **Double Bar:** Heavy-duty version for surgical theatres and instrument trays
- Height range: Adjustable for surgeon or assistant comfort
- Optional tray sizes: 18" x 12", 24" x 16", or custom as required
- Both variants available in detachable or fixed tray styles

## TYPES & FEATURES

- **Single Bar Model:** Lightweight, portable, perfect for quick-use setups
- **Double Bar Model:** More robust, increased stability for heavier instruments
- **Height Adjustable:** Smooth manual locking mechanism
- **Swivel Castors:** Provide 360° movement for convenience
- **Tray Guard Edges:** Prevent instruments from sliding off during movement
- **Welded SS Frame:** Seamless, hygienic design without sharp edges

## MATERIAL DETAILS

- Material: **Stainless Steel SS-304** (AISI 304 – medical grade)
- Corrosion-resistant and non-magnetic
- TIG welded frame for hygiene and strength
- Mirror-polished finish for sterile appearance
- Rubber / nylon castors for smooth, quiet mobility
- Optional: SS-316 for higher corrosion resistance in specialized theatres

## CATEGORY & PRODUCT FORM

- Category: Hospital & Surgical Furniture
- Product Form: Mobile, height-adjustable instrument trolley
- Models: Single Bar (Standard) and Double Bar (Heavy-Duty)

## USAGE & APPLICATION

- Used to hold and organize surgical instruments during operations
- Commonly placed beside the surgeon in operating theatres
- Ideal for minor, dental, ENT, and veterinary surgeries
- Detachable tray allows sterilisation and easy handling
- Suitable for both **human and veterinary** operating rooms

## **ADVANTAGES**

- Adjustable height and detachable tray
- Compact and lightweight (single bar) or sturdy (double bar)
- Made entirely of SS-304 – rust-free and long-lasting
- Easy to clean and disinfect/ High mobility for OT efficiency

## **DISADVANTAGES**

- Single bar model less stable for very heavy loads
- No enclosed space – instruments must be covered when moving
- Polished surface may show smudges
- Requires regular maintenance for castors and locks

## **PRECAUTIONS**

- Always lock wheels before use to avoid accidental movement
- Avoid overloading beyond capacity (especially for single bar)
- Do not clean with strong acid-based agents
- Ensure height adjustment knob is securely tightened before use
- Keep tray dry to avoid water stains on SS surface

## **HANDLING & CARE**

- Clean after every procedure using mild disinfectant and soft cloth
- Remove tray before sterilisation if detachable
- Regularly lubricate castors and inspect welds
- Avoid dragging on uneven surfaces
- Store in dry, dust-free environment

## **STERILISATION DETAILS**

- Tray is removable and can be autoclaved or chemically disinfected
- Frame should be cleaned with alcohol-based solutions (non-chlorinated)
- Do not expose frame to direct steam or high heat
- Maintain sterilisation protocols before and after surgical use

## **HUMAN & VETERINARY APPLICATIONS**

- **Human Medical Use:** General surgery, dental, ENT, ophthalmic, and minor procedures
- **Veterinary Use:** Animal surgery, instrument support, and dental operations
- Ensures sterile and ergonomic support in both environments

-  **HS & HSN CODES**

**HS Code:** 9403 — Other furniture; medical and hospital trolleys

- **HSN Sub-Code:** 94032010 — Stainless steel hospital/dental trolleys
- Applicable worldwide for medical furniture and stainless steel OT equipment

## **FAQS (Frequently Asked Questions)**

### **Q1: What is the difference between single and double bar Mayo trolleys?**

Single bar models are lightweight and easy to move, while double bar versions offer extra stability and load capacity.

### **Q2: Is the height adjustable?**

Yes, both single and double bar types include a manual locking knob to adjust the tray height.

### **Q3: Can the tray be sterilised?**

Yes, the tray is removable and can be autoclaved or chemically disinfected safely.

### **Q4: What material is used for construction?**

Made entirely from **SS-304 stainless steel**, ensuring hygiene and corrosion resistance.

### **Q5: What HSN code applies to this product?**

HSN **94032010**, classified under stainless steel hospital and medical furniture.