



SQUARE TECHNOLOGIES

Plot No.-47,  
Krishna industrial Park  
Sanjan road,Umbergaon(396171)  
Dist-Valsad(nr.vapi), GJ

## MOBILE TROLLEY HORIZONTAL LAMINAR AIR FLOW

This system is designed for product protection. It ensures ISO 5 cleanliness level and maintains unidirectional airflow within workspace during product transportation.



| Model        | Internal dimension (mm) |     |      | External dimension (mm) |     |      |
|--------------|-------------------------|-----|------|-------------------------|-----|------|
|              | W                       | D   | H    | W                       | D   | H    |
| ST-MT-36X24  | 915                     | 610 | 1200 | 1415                    | 645 | 2000 |
| ST-MT-42X24  | 1070                    | 610 | 1200 | 1570                    | 645 | 2000 |
| ST- Mt-48X24 | 1220                    | 610 | 1200 | 1770                    | 645 | 2000 |

*Note: Customised dimensions as per requirement*



## **Features:**

- MOC: SS304, SS316 and SS316L or customized execution
- Front door: Doubled wall SS doors with flush glass view panel, SS hinges, handles.
- SS shelves
- Mobile trolley handle at either side
- Castor wheels
- Fresh air pre-filter: EU-7
- Final Filter: H-14
- Intermediate air filter: Eu-7
- PAO port.
- Mechanical differential gauge across final filter.
- Ventilator
- LED Light
- Electrical control system with push button and indicators
- UPS with battery with built-in alarms and view panel. Standard backup time 30min.
- Flameproof execution
- Digital instrumentations for measuring differential pressure, velocity etc.
- Audio-visual alarm for malfunction of ventilator, UPS and set operating parameters
- EC ventilator
- GEL seal HEPA

## **Performance:**

- Air cleanliness level: ISO 5
- Air Velocity: 0.45mps ( $\pm$  0.05mps)
- Air Flow: Horizontal re-circulatory
- Noise Level: Less than 70db when ambient is not more than 55db A
- Light Intensity: 250-300 lux