

HDPE PORTABLE TOILET

“Join hands with us to build a cleaner and healthier India. Our durable, eco-friendly portable toilets are the perfect solution for maintaining hygiene at construction sites, public events, and remote areas. Let’s work together to stop people from going to the toilet in the open, make India clean and healthy, and achieve a **Swachh Bharat!**”



www.tuffcoindia.com



TUFFCO



Specifications :

Material :	HDPE
Supply capacity :	500/month
Size :	3.3*3.3*7.5 ft.
Inner Height :	7 ft.
Weight :	85kg
Features :	Odour free system, light weight
Waste Tank :	190L
No. Of Com. :	One
Shape :	Rectangular
Standard Accessories :	Men's urinal, Wash Basin, Jet, Mirror, Doorknob, Hook, Paper holder, Lock, Ventilation, Anti-skidding floor
Optional Accessories :	Light, Air fan, Exhaust fan, Solar light
Color :	Blue (can be customized)



Salient Features :

- ▶ **Strong, Durable, and Hygienic:**

Made from tough, weather-resistant material that can withstand harsh sun, rain, and heat, ensuring long-lasting use. It's also designed with easy-to-clean surfaces and effective ventilation to reduce bad odours, while special chemicals help keep it germ-free and hygienic.

- ▶ **Eco-Friendly and Pleasant Smell:**

Comes with biodegradable deodorizers that not only neutralize bad odours but also release fresh fragrances, providing a clean and pleasant experience. These eco-friendly deodorizers are safe for the environment and add a nice smell.

- ▶ **Light, Portable, and Easy to Set Up:**

Built to be lightweight and easy to carry, making it simple to move and set up quickly at various locations like construction sites, public events, and outdoor areas. It's the perfect solution for mobility and convenience.

- ▶ **Reliable and Sturdy:**

Offers a perfect balance of strength and portability. It's strong enough to handle everyday use but light enough to move around easily, making it an ideal solution for all your portable toilet needs.





- ▶ Western Toilet Seat fixed on 190L waste tank.
- ▶ Gradually falling lid cover.
- ▶ Comfortable oval seat.
- ▶ Seat lid covers the seat when toilet is not in use. It prevents odours.
- ▶ User-friendly for senior citizens and patients.

- ▶ Wash basin fitted on right side.
- ▶ Easy to use tap with dual outlet.
- ▶ Wash basin has well drain system connected with waste tank.



- ▶ Toilet paper holder is also fitted.
- ▶ Tuffco portable toilet is fitted with jet spray which is hand held.
- ▶ Convenient to use with sufficient water pressure.
- ▶ It is gentler to the skin particularly conditions like eczema or fissures.



Men's Urinal :

- ▶ It is fixed inside on left side wall of the Toilet.
- ▶ Urine disposal is into waste tank.
- ▶ It is compact in size & durable.

Mirror & Hook :

1. Toilet is equipped with looking glass/mirror on the back of front door.
2. Wall hook for hanging clothes, purses etc.

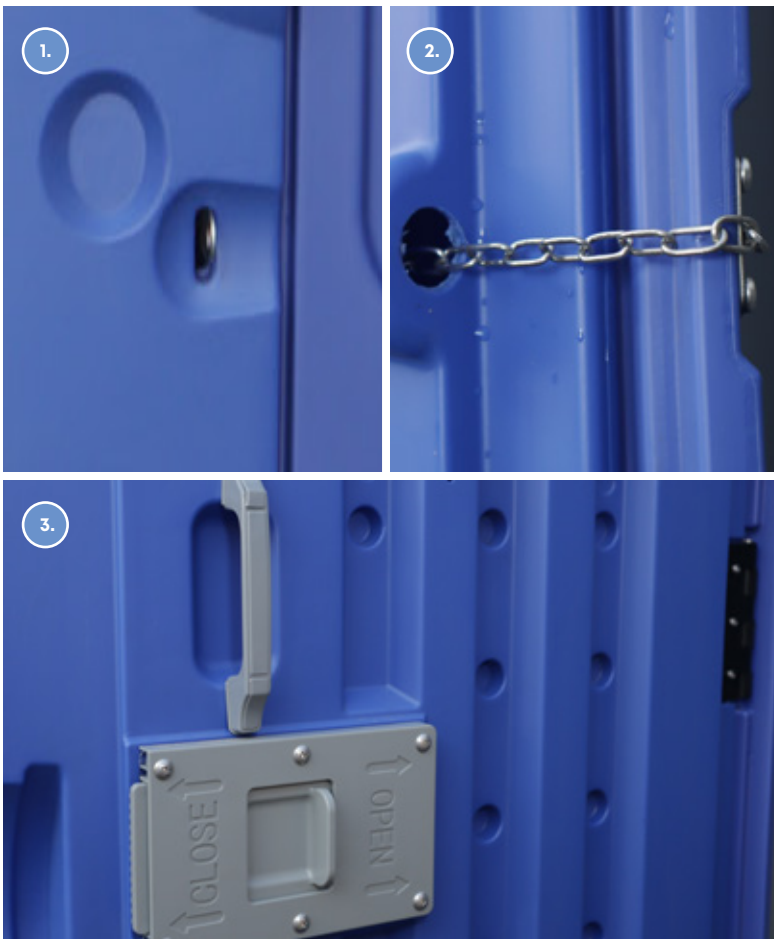
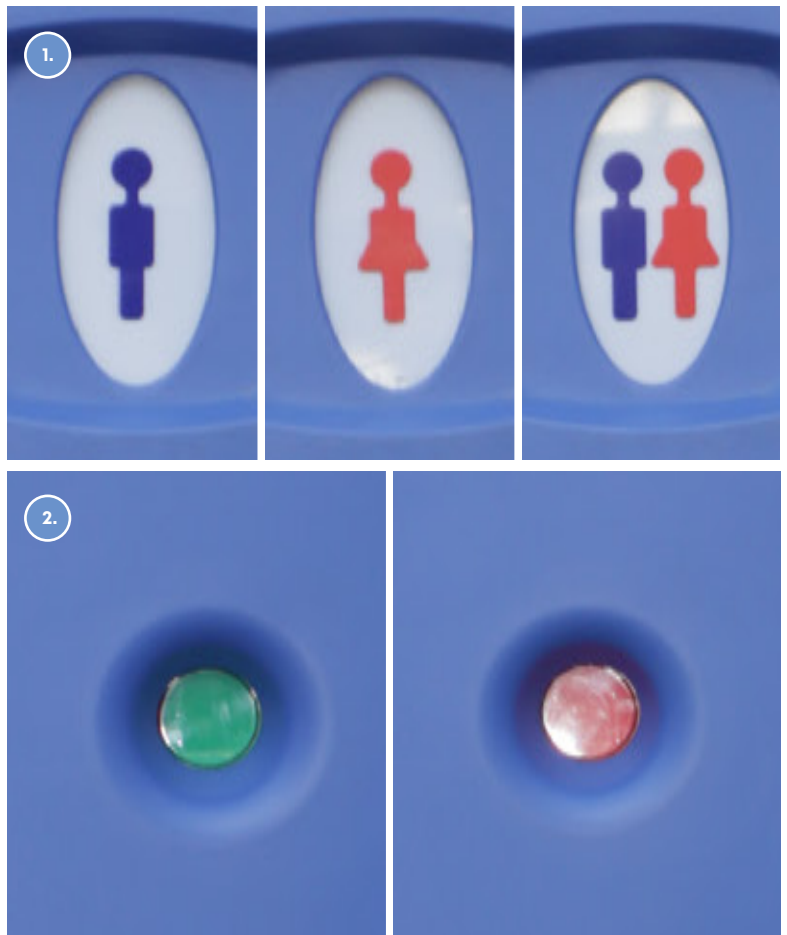


Ventilation System :

1. Provision of exhaust pipe from waste tank to outside for elimination of gases and odours.
2. All the three walls are ventilated on the top.
3. The front door has sufficient airvent on lower side to improve air circulation.

Indicators:

1. Tuffco portable toilet is provided with Gender indicators. Gender indication is adjustable.
2. Red & Green occupancy indicators are located on front door.

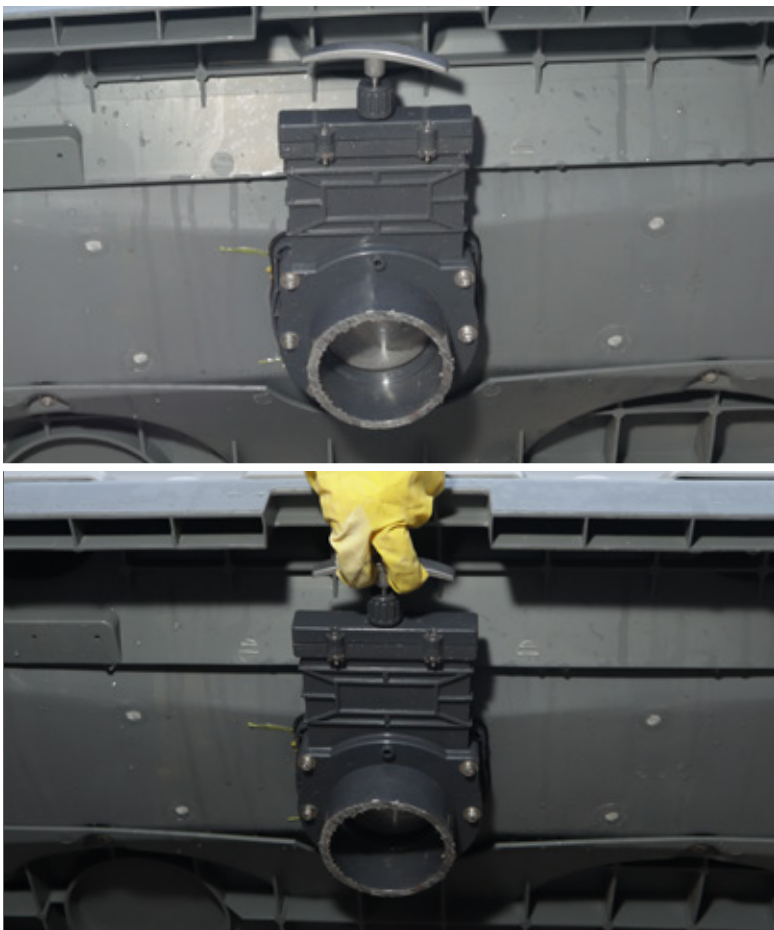
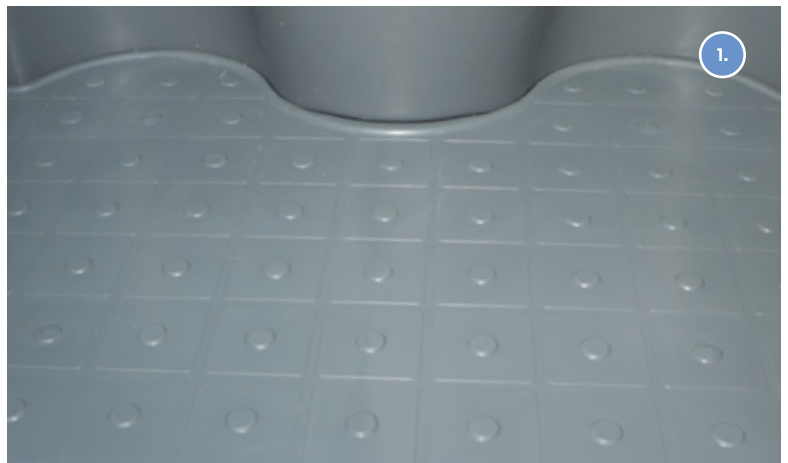


Other Facilities :

1. Toilet is facilitated with outside lock when toilet is not in use for long time.
2. Chain system for auto door closer.
3. Inside sliding safety lock connected with occupancy indicators.

Ventilation System :

1. Equiptted with Anti-Skidding floor.
2. Option for connection of running from external water source.



- ▶ Waste tank can be emptied through the side valve by attaching to a waste pipe.
- ▶ Another bottom valve provided to empty the waste tank by connecting to an underground sanitary pit.
- ▶ Waste can also be removed by vaccum pump.
- ▶ Waste disposal is a crucial componant of portable toilet's waste disposal system.



Steps for Proper Waste Disposal :

- ▶ **Designated Disposal Sites:**
Waste should be disposed of at authorized sewage treatment plants (STPs) or municipal-approved locations to ensure proper treatment and prevent environmental harm.
- ▶ **Safe Transportation:**
Waste must be transported using sealed vacuum tankers or specialized equipment to prevent leaks and spills, ensuring safe and clean transport to disposal sites.
- ▶ **Waste Treatment:**
After transport, waste is treated to neutralize harmful pathogens, making it safe for disposal or reuse, such as converting it into fertilizer or biogas.
- ▶ **Cleaning & Maintenance:**
Portable toilet tanks should be cleaned with approved agents after disposal to prevent odors and bacterial growth, maintaining hygiene and longevity.
- ▶ **Environmental Safety:**
Waste should never be dumped in unauthorized areas to avoid pollution and protect land, water, and air quality.
- ▶ **Eco-Friendly Alternatives by Tuffco India:**
Tuffco India offers biodegradable deodorizers that use eco-safe chemicals to break down waste and control odors, supporting sustainable practices.

Tuffco HDPE Portable Toilets align with Swachh Bharat Abhiyan:

Portable toilet play a significant role in supporting the goals of Swachh Bharat Abhiyan by addressing critical sanitation challenges:

- ▶ **Eliminating Open Defecation:** Portable toilets provide a clean and private solution in areas lacking permanent toilet facilities, helping reduce open defecation. They are particularly useful in rural areas, construction sites, and temporary settlements.
- ▶ **Promoting Hygiene at Public Events:** Ensures proper waste management at large gatherings, fairs & festivals, aligning with the mission's cleanliness goals.
- ▶ **Quick Deployment in Remote Areas:** Portable toilets can be rapidly installed in remote villages or disaster-prone regions to provide immediate sanitation solutions.
- ▶ **Sustainable Waste Management:** These toilets can be equipped with eco-friendly waste treatment systems, contributing to the mission's emphasis on sustainable practices.
- ▶ **Empowering Communities:** Encourages behavioral change by demonstrating the benefits of hygienic sanitation facilities. Helps women and children, who are most affected by lack of proper sanitation, ensuring dignity and safety.

