



A Tata Steel Construction Solution Initiative



**EzyNest**  
A Tata Steel Product

**MODULAR TOILETS**  
The one-stop sanitation solution

**"A complete hassle free Turnkey solution"**

**Nest-In** is Tata Steel's smart **steel based modular** construction solution. With our pan-India presence and highly efficient delivery mechanism, we provide **one stop solution** with unique customer experience.



## Speed

- Just in Time Delivery
- Quick installation



## Scale & Reach

- Aggregation of capabilities of multiple solution partners



## Convenience

- Single point solution
- Turnkey services



A Tata Steel Construction Solution Initiative

**Modern, Durable & Secure  
One stop sanitation solution**



एक कदम स्वच्छता की ओर

**EzyNest**  
A Tata Steel Product

**MODULAR TOILETS**  
The one-stop sanitation solution



# In providing basic toilet facilities, does your organisation face...



... Complexity in managing various vendors leading to increased cost and time?



... Delays in execution due to conventional manufacturing technology & no project progress update?



... Sub standard / poor finished work leading to dissatisfied users?

# What if your organisation could..



... Get a one stop solution, optimising cost & time of execution?



... Eliminate complexity of managing multiple vendors and time-consuming processes?

**Simple.**

... Get finished & reliable turnkey solution?



# Introducing Nest-In “EzyNest” modular toilet – One stop turnkey solution

Nest-In “EzyNest” provides...

- Tata Brand trust
- Turnkey solution
- Customised App to track day to day progress



To bring you....



- ✓ Quick installation
- ✓ Durable & efficient solution
- ✓ Value for money
- ✓ Peace of mind

### Premium Modular Toilets

- Dimension: 4 x 4 feet
- Height: 7 feet
- SS inside bottom panel: 1.7 feet
- Sandwich panel (roof & wall): 40 mm
- Door size: 772 mm x 1790 mm x 40 mm
- Waste management (Conventional/Bio digester)
- Concealed electrical & plumbing: Provision given
- Ventilation: One side louvre panel



Foundation



Wash Basin



Water Tank

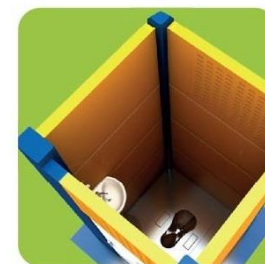


Exhaust Fan

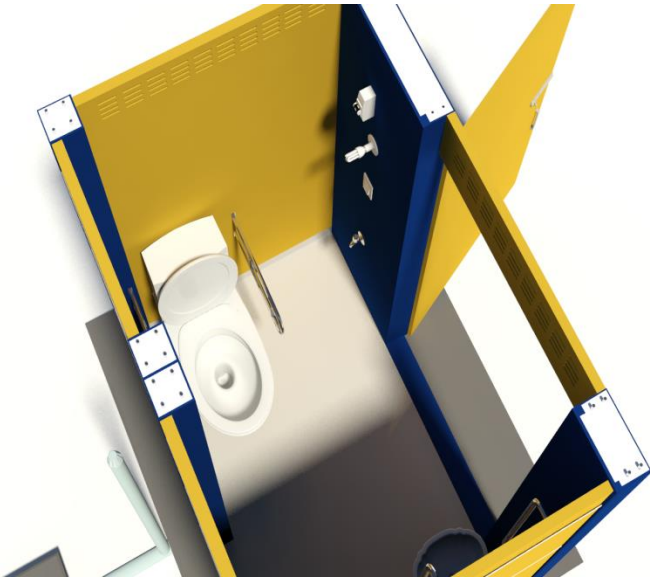


### Standard Modular Toilet

- Dimension: 4 x 3 feet
- Height: 2020 mm
- SS inside bottom panel: 125 mm
- Sandwich panel (roof & wall): 40 mm
- Door size: 665 mm x 1790 mm x 40 mm
- Waste management (Conventional/Bio digester)
- Concealed electrical & plumbing: Provision given
- Ventilation: Four side louvre panel
- Provision for water tank available



# EzyNest – Modular toilets for the differently abled

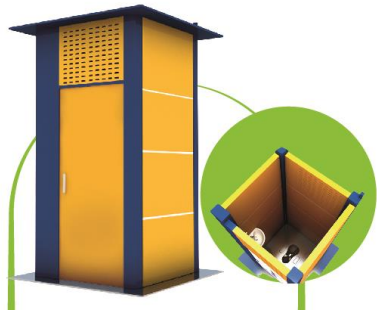


## Single Module

- Size ~ 6ft x 4ft
- Encl area ~ 24 sqft
- Structure ht ~ 6ft 10"
- Plinth ht ~ 0.5 ft
- Total ht ~ 7ft 10"
- Plinth area ~ 28 sqft
- Additional option of Grab bars
- Extra maneuvering space
- Wider door for wheel chair entry
- Customised accessories

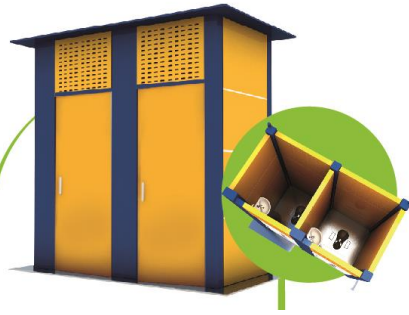






## Single Module

- Size ~ 4ft x 4ft
- Encl area ~ 16 sqft
- Structure ht ~ 7ft
- Plinth ht ~ 200 mm
- Total ht ~ 7 ft 8"
- Plinth area ~ 20 sqft



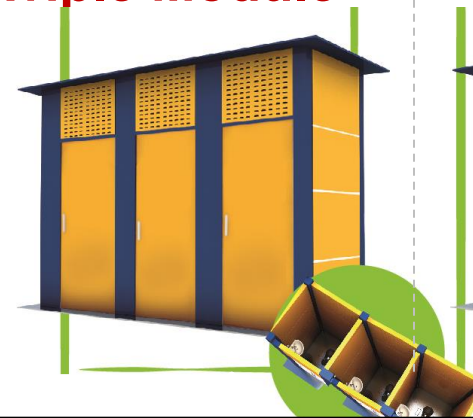
## Twin Module

- Size ~ 4ft x 8ft
- Encl area ~ 32 sqft
- Structure ht ~ 7ft
- Plinth ht ~ 200 mm
- Total ht ~ 7 ft 8"
- Plinth area ~ 35 sqft

- Size ~ 4ft x 12ft
- Encl area ~ 48 sqft
- Structure ht ~ 7ft
- Plinth ht ~ 200 mm
- Total ht ~ 7 ft 8"
- Plinth area ~ 55 sqft

- Size ~ 8ft x 8ft
- Encl area ~ 64 sqft
- Structure ht ~ 7ft
- Plinth ht ~ 200 mm
- Total ht ~ 7 ft 8"
- Plinth area ~ 70 sqft

## Triple Module



## Quad Module



### EzyNest (Premium model)

**Type:** Supply of Super structure inclusive of ED & 2% CST and insurance

**Inclusions:** Powder coated 120 GSM galvanised Super structure with doors & tank frame, Louvre panels, Exhaust provision, 1 ft 9 " SS 304 bottom panel from inside, SS wash basin (1 wash basin for single & double unit & 2 wash basin for triple & quad units), Concealed electrical and plumbing provision.

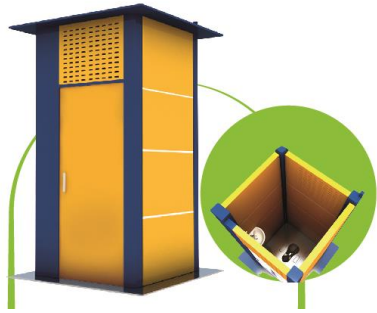
**Exclusions:** SS orissa pan. Installation, peripherals, electrical & plumbing items, waste management etc.

**Anything not mentioned in Includes section**

Compartment Size:

**4 ft x 4 ft**

# EzyNest – 4 Economical customised configurations



## Single Module

- Size ~ 4ft x 3ft
- Encl area ~ 12 sqft
- Structure ht ~ 6ft 10"
- Plinth ht ~ 200 mm
- Total ht ~ 7ft 8"
- Plinth area ~ 16 sqft

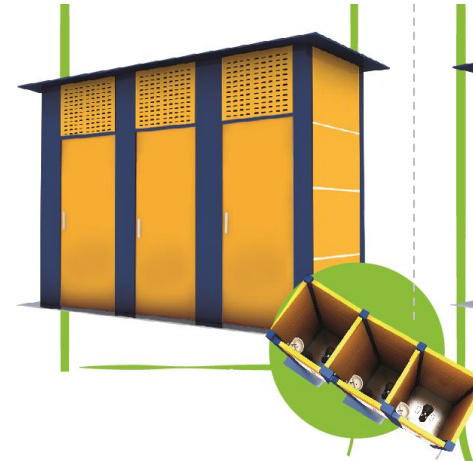


## Twin Module

- Size ~ 4ft x 6ft
- Encl area ~ 24 sqft
- Structure ht ~ 6ft 10"
- Plinth ht ~ 200 mm
- Total ht ~ 7ft 8"
- Plinth area ~ 27 sqft

- Size ~ 4ft x 9ft
- Encl area ~ 36 sqft
- Structure ht ~ 6ft 10"
- Plinth ht ~ 200 mm
- Total ht ~ 7ft 8"
- Plinth area ~ 42 sqft

## Triple Module



- Size ~ 8ft x 6ft
- Encl area ~ 48 sqft
- Structure ht ~ 6ft 10"
- Plinth ht ~ 200 mm
- Total ht ~ 7ft 8"
- Plinth area ~ 54 sqft

## Quad Module



Type	EzyNest (Standard model)
<b>Type:</b> Supply of Super structure inclusive of ED & 2% CST and insurance	
<b>Inclusions:</b> Powder coated 120 GSM galvanised Super structure with doors, 5 " inch SS bottom panel from inside. 4 side louvre panels for cross ventilation. Concealed electrical and plumbing provision.	
<b>Exclusions:</b> SS wash basin, Tank frame, SS orissa pan, Installation, peripherals, electrical & plumbing items, waste management etc	
<b>Anything not mentioned in Includes section</b>	
Each compartment Size	3 ft x 4 ft

# 1. Longevity & Durability

## Competition

Structure stand rusting



Broken Non-usable Unit



Structure Foundation Rusting



Feeble Structure



## EzyNest

Sturdy Structure



Clean Long Lasting interiors



Load Bearing Structure



## EZYNEST ADVANTAGES

**Sturdy Structure**  
**No Rusting**

**Strong Foundation**  
**Safety (Entry/Exit)**

**Long Lasting**  
**Cleanliness**

# 2. Aesthetics & Noticeability

## Competition

Uneasy Access



Eco Centre Kolkata (0.5 y.o.)

Back Alley Structure



Banhora Basti (0.5 y.o.)

Hidden from general public



Medica Hospital Kolkata (1 y.o.)

## EzyNest

Easy Access/Clean access



Jamshedpur (0.5 y.o.)

Front Alley Structure



West Bokaro (2 months old)

Adjacent to the establishment



Bal Vihar (1 y.o.)

## EZYNEST ADVANTAGES

**Aesthetically appealing**

**Cleaner Surrounding**

**Better Looking**

**Easily Located**

**Better Disposal**

**No need to hide**

# 3. Waste Management & Plumbing

## Competition

**Clogging Issues**



**Medica Hospital Kolkata (0.5y.o)**



**Water Pipes prone to damage**

**Weak plumbing structures**



**Eco Park Kolkata (1.5 y.o.)**

## EzyNest

**Planned piping**



**Nirmal Basti (new)**

**Zero Clogging**



**Bal Vihar (1 y.o.)**



**Effective Waste disposal**

## EZYNEST ADVANTAGES

**Efficient waste disposal**

**No Clogging**

**Low risk of damage**

**Zero leakage**

**No foul smell**

**Low Space Requirement**

# 4. Safety & Hygiene

## Competition

**Slipping Hazard**



**Medica Hospital (1 y.o.)**

**Unclean Surroundings**



**Medica Hospital (1 y.o.)**

**Wires Hanging Loose**



**Eco Centre Kolkata (0.5 y.o.)**

**Unsafe Entry/Exit**



**Eco Park Kolkata (1.5 y.o.)**

## EzyNest

**Dry Interiors**



**Bal Vihar (1 y.o.)**

**Clean Surroundings**



**Bal Vihar (new)**

**Smart Electrical Panel**



**Nirmal Basti (New)**

**Safe Landing**



**Jamshedpur Plant (0.5 y.o.)**

## EZYNEST ADVANTAGES

**Safe Entry/Exit**

**Dry Floor**

**Electricity Panel**

**Open Location**

**Balanced Structure**

**Smart Solution**

# 5. Foundation (Base)



Medica Hospital Kolkata (0.5y.o)



Unstable structure

## Others



Material Degradation with usage

Eco Centre Kolkata (0.6 y.o.)

## EZYNEST ADVANTAGES

**Even Surface**

**Even Structure Base**

**Safe Entry/Exit**

**Longevity**

**Sturdy Structure**

**No Degradation**

# 5. Foundation (Base)

## EzyNest



Even structure

Ranchi Aanganwadi (0.5 y.o)



Corrosion Resistant

Jayra Basti (1 y.o.)

Long Lasting foundation



Bal Vihar (1 y.o.)

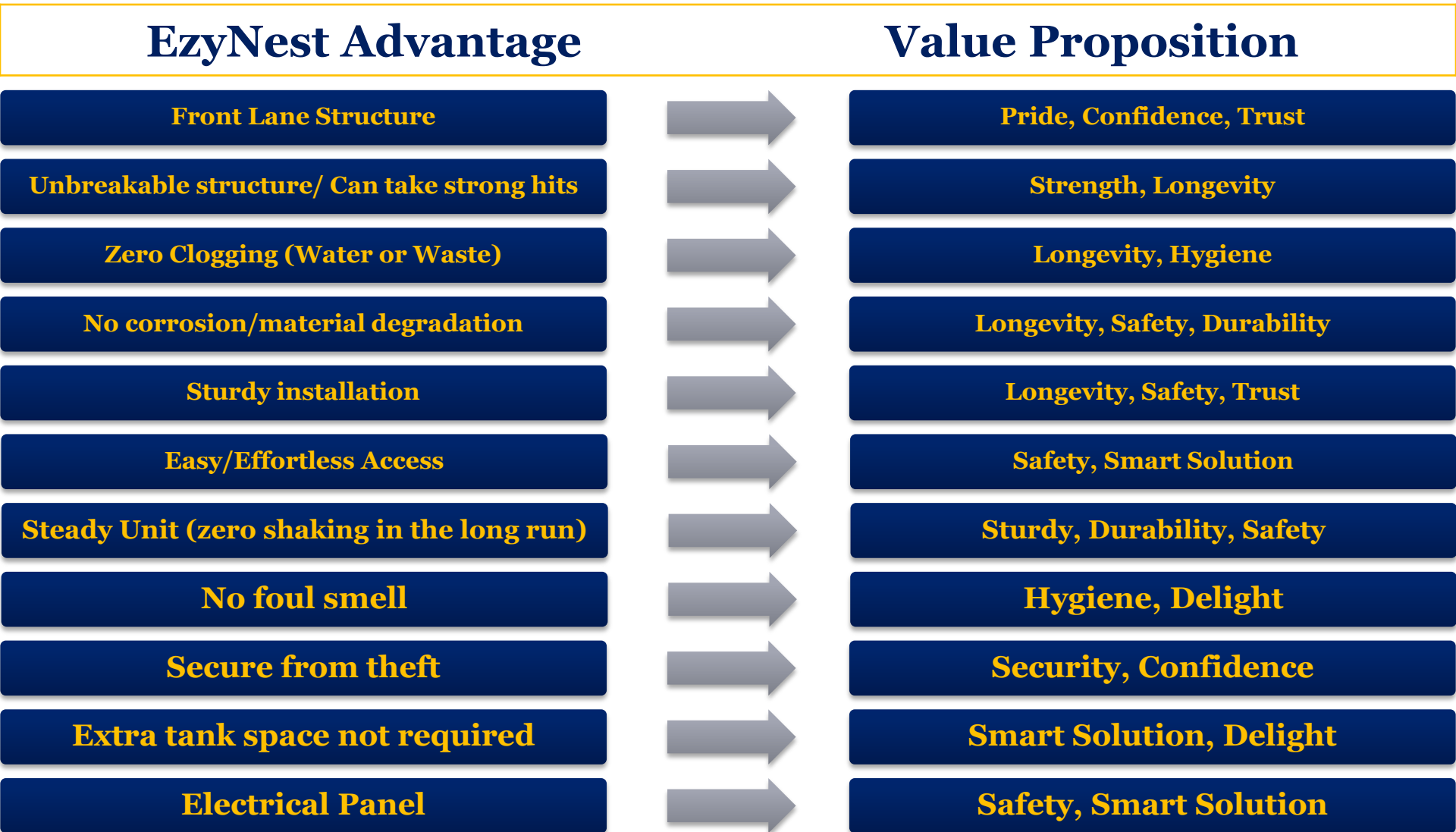
Safe to use



Nirmal Basti (new)



# EzyNest - Other Advantages



# EzyNest - Quick, Durable and trusted modular toilets: Suitable sanitation solutions for everyone

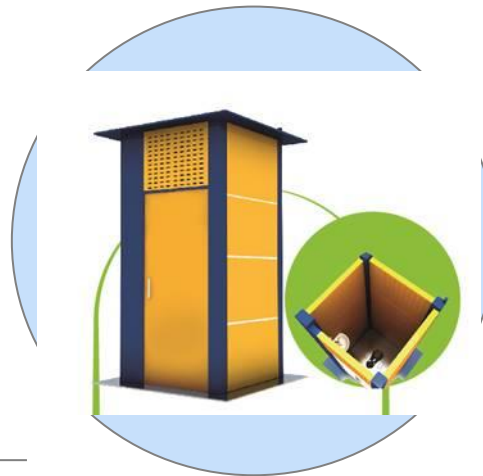
**Quick Installation....**



**TATA Brand**



**Robust structure**



**DRDO approved bio digester waste management**



**Quality Assurance**



**PAN India Reach**

# EzyNest Modular toilet made of Zero Spangle Galvano



## Galvano's unique characteristics :

- Consistent thickness
- Superior surface finish and flatness
- Excellent surface finish
- Highest corrosion resistance
- Uniform and superior zinc adhesion
- 50-60 micron powder coating
- Superior paint adhesion
- Eco-friendly (Lead free and ROHS compliant)

**Grades:** DQ

**Coating Type:** Galvanized Zero-Spangled (Pure zinc- no lead and antimony)

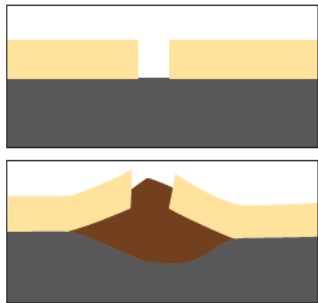
**Coating Mass:** Galvanized : 120 gsm (total both sides)

**Surface Condition:** Zero spangle through bath, free of antimony and lead

Desired surface finish – Skin Pass Mill  
Flatness control with Tension Leveller

**Post Treatment:** Chrome 3 based, ROHS compliant

## Rust undercuts scratched paint



### Paint on non-galvanised steel

This is what happens at a scratch on painted non-galvanised steel. The exposed steel corrodes and forms a pocket of rust. Because rust is much more voluminous than steel, the pocket swells. This lifts the paint film from the metal surface to form a blister. Both the corrosion pit and the blister continue to grow.

## Highest Corrosion Resistance

Galvano™ offers superior corrosion resistance and ensures that the end products manufactured from it not only meet but exceed their life expectancy. Zero spangles coupled with skinpassing and uniform zinc coating ensure highest corrosion resistance.

### Uniform & Superior Zinc Adhesion

Uniform and superior zinc adhesion in Galvano™ prevents zinc peel-off & crazing (pebbly surface) during fabrication, thereby ensuring end-product durability & finish.

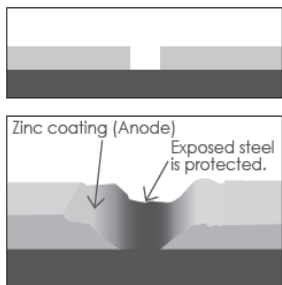
### Superior Paint Adhesion

Galvano™ comes with true zero-spangled surface ensuring best surface finish in painting applications, compared to the finish offered by ordinary spangled and crushed spangled GP

### Eco-Friendly

Galvano™ is produced through "Lead-Free" coating Chemistry making it an Eco-Friendly steel. Unlike ordinary Galvanized steel, Galvano™ chemistry making it ROHS compliant and a safer product

## Zinc protects base steel, even when scratched



### Galvanised steel

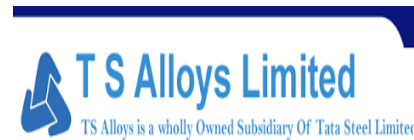
This is what happens at a scratch on galvanized steel. The zinc coating sacrifices itself slowly by galvanic action to protect the base steel. This sacrificial action continues as long as any zinc remains in the immediate area.

Bare galvanized steel and painted galvanized steel are the best answers to corrosion.

# Infrastructure and Capabilities:

Criteria	Units
No. of Authorized Solution Partners	15
No. of states present	12
No. of Manufacturing centers	4
No. of zones with manufacturing facility	4
Names of Cities with manufacturing set-up	Chandigarh, Kolkata, Nashik, Hyderabad
Monthly Production capability	500 seaters
Monthly installation capability with turnkey Solution	700
No. of Bio-digester suppliers with Tie-ups	4

# Some of our esteemed clients:



Working with Tata Trusts towards designing and delivering Sanitation Solutions to make several districts open defecation free

# Spreading happiness across..



**Thank You....**