



## BIO TOILET



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### INTRODUCTION ABOUT COMPANY

**JRMS Engineering Works** established a decade ago is serving customers for all kinds of requirement in Water & Wastewater Treatment solutions with customized and innovative solutions. An ISO 9001: 2008 certified organization having its own manufacturing facility and registered office in Kolkata. Our Strength is to Understand Our Customers Problem in depth and by that Understanding Provide Complete Solutions with World Class Products and Best possible Application Support. We understand that each facility's process and treatment requirements are different. Our vast industry knowledge and experience allows us to tailor the best treatment solution based on each customer's unique needs. Our Network has set - ups at various locations throughout India and Indian subcontinent for all range of products.



We have been a leading supplier of packaged water, sewage and effluent treatment solutions in India using state-of-art technologies and the most advanced solutions as well as most reliable solutions in the industry.

Our robust processes are capable of delivering Reusable quality of water in a cost effective way.

Our end-to-end solutions are made using 100% fibre reinforced plastic (FRP) tanks, offering corrosion free, long lasting (15-20 years) customized treatment units. Modular and compact, our plants are designed to be upgradable to latest technologies, reduce maintenance costs and occupy minimum space.

### JRMS Bio Toilet Systems

- Typical Application :**
- \* National, Provincial and State Parks
  - \* Residential
  - \* Housing Developments
  - \* Construction site
  - \* Exhibition Mela
  - \* Village

- Advantages:**
- \* Eco Friendly
  - \* Rust Proof
  - \* light Weight
  - \* Durable
  - \* Leak Proof
  - \* Easy To Install

### Bio toilet Modules



### Bio toilet Process

Pre-fabricated shelter: Toilet structure built above the ground  
 Bio-Digester tank: Installed below the ground  
 Bio Toilet Variants: Free Bio Toilets are available in Fiber Reinforced Plastic (FRP)  
 100% sludge – Free Disposal of human waste  
 Eco Friendly – Decomposes solid waste to water and biogas  
 Eliminates need for expensive waste treatment  
 Clean discharge – The water discharged from the Pronto Bio-Toilet is colorless, odorless and devoid of solid particles  
 100% hazard free – On a dry weight basis, 90% of the solid waste is reduced  
 100% maintenance free – Bio-Digester tanks do not require any form of maintenance  
 dosing of bacterial inoculum  
 Easy to transport  
 Plays a critical role in preventable healthcare  
 It digests organic solids in an ecological way.  
 It prevents human waste and untreated water from contaminating groundwater.  
 It offers an alternative to dumping of wastes into rivers, lakes and fields in rural and semi-rural areas where there are no sewage systems.  
 The effluent (i.e. the water) can be used to water plants.  
 The effluent is cleaner, more effective and easier to use than a septic tank because it doesn't need to be further cleaned or emptied.  
 The effluent is odorless, colorless as compared to the end products of the toilets being used these days.  
 It doesn't require the work and energy involved in relocating composting toilets every year.

### Bio toilet installation



### Bio Toilet JBT-Series

Product Code	Length (mm)	width (mm)	Height (mm)	Type	Features
JBT-01	1000	1000	2000	INDIAN	Only toilet & pan
JBT-02	1000	1000	2000	INDIAN	Toilet pan & biodigester tank
JBT-03	1000	1000	2000	INDIAN	Toilet pan ,Biodigester tank, wash basin with tap
JBT-04	1000	1000	2000	INDIAN	Toilet pan ,Biodigester tank, wash basin with tap & mirror
JBT-05	1000	1000	2000	INDIAN	Toilet pan ,Biodigester tank, wash basin with tap, mirror & hand shower
JBT-06	1000	1000	2000	WESTERN	Only toilet pan
JBT-07	1000	1000	2000	WESTERN	Toilet pan & biodigester tank
JBT-08	1000	1000	2000	WESTERN	Toilet pan ,Biodigester tank, wash basin with tap
JBT-09	1000	1000	2000	WESTERN	Toilet pan ,Biodigester tank, wash basin with tap & mirror
JBT-10	1000	1000	2000	WESTERN	Toilet pan ,Biodigester tank, wash basin with tap, mirror & hand shower
JBT -11	2000	1000	2000	INDIAN & WESTERN	Indian & western toilet with biodigester tank.
JBT -12	2000	1000	2000	INDIAN & WESTERN	Indian & western toilet ,biodigester tank, wash basin, hand shower ,tap.
JBTMM -01	3000	1000	2000	2 INDIAN & 1 WESTERN	Indian & western toilet ,biodigester tank, wash basin, hand shower ,tap.(Trolley mounted)



## JRMS ENGINEERING WORKS

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