JRMS

BIO TOILET

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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 company, JRMS is a leading Water & Wastewater Treatment Solutions Provider in India. Our motto 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 individual application. Over the years JRMS has set – ups at various locations throughout India and Indian subcontinent for all range of products.

We have been a leading supplier of Bio Toilet, 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 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.

Bio Toilet Systems :

Typical Application :

- *National, Provincial and State Parks*
- *Residential*
- *Housing Developments*
- *Construction site*
- *Exhibition Sites*
- *Village*

Advantages:

- *Eco Friendly*
- *Rust Proof*
- *Light Weight*
- *Easy Clean*
- *Leak Proof*
- *Easy To Install*
- *Excellent Performance*
- *Massive Reduction BOD/COD*

Salient Features

Human waste disposal in Innocuous form is an ever growing problem leading to aesthetic nuisance, threat of organic pollution and health hazards. Conventional methods of waste disposal are inadequate, unsuitable and costly in the context of highly populated and developing countries like India. Less than 30% of India's have access to the toilets. In rural areas about 70% of houses have toilets and rest of the people go to open defecation Population in the cities although have better toilet facilities, but sewerage facilities are lacking in unauthorized colonies and slums. Poor sanitation is responsible for enterobiasis, viral hepatitis, cholera, typhoid etc. taking the life of lakhs of children annually.

- No bad smell in toilets from the tanks. ● Faecal matter in the tank not visible ● No infestation of mosquitoes & flies
- No dragging of digester sufficient is here from all sewer and toilet seater.

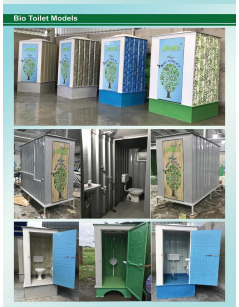
Bio toilet Process

- *Pre fabricated shelter: Toilet structure built above the ground*
- *Bio digester tank: Installed below the ground*
- *Bio Toilet Modules: Bio Toilets are available in Fiber Reinforced Plastic (FRP)*
- *Easy to Clean: Smooth surface finish*
- *Eco Friendly : Decomposes solid waste to water and biogas*
- *Eliminates need for expensive waste treatment*
- *Anaerobic Bio Digester Tank is Constructed From the Provide the toilet a odorless, odorless and devoid of solid particles*
- *100% treated free – On a dry weight basis, 90% of the solid waste is reduced*
- *Maintenance Free : Bio Digester media do not require any form of maintenance*
- *Easy to transport*
- *Place a critical role in prosperable healthcare*

- *It digests organic solids in an ecological way*
- *It prevents decomposing waste and unhygienic conditions from contaminating groundwater*
- *It offers a decentralized solution for rural areas where sanitary toilets and water is rare*
- *It is economical and needs no fertilizing and no sewage systems*
- *The effluent (i.e. the water) can be used for water plants*
- *The effluent is cleaner, more effective and easier to use than a septic tank because it is free of pathogens, parasites and disease*
- *The effluent is odorless…odorless as compared to the end products of the toilets being used these days.*
- *It doesn't require the sand and energy involved in removing composting toilets every year.*

Bio Toilet Colors Options

Bio Toilet Models



Internal Features of Bio Toilet

Bio Toilet JBT-Series

Product Code	Length (mm)	Width (mm)	Height (mm)	Type	Features
JBT-01	1500	1250	2300	Western	Strip Tank Cabin, 6 sqm
JBT-02	1500	1250	2300	Western	Toilet pan & Urinal pan, 6sqft
JBT-03	1500	1250	2300	Western	Toilet pan & Urinal pan, Tap with Flush Tank
JBT-04	1500	1250	2300	Western	Toilet pan, Rectangular bath mirror basin, Mirror, Soap dish with stand, Tap
JBT-05	1500	1250	2300	Western	Toilet pan, Rectangular bath mirror basin, Mirror, Soap dish with stand, Tap, Flush Tank
JBT-06	1500	1250	2300	Western	Toilet pan, Rectangular bath mirror basin, Mirror, Soap dish with stand, Tap, Flush Tank, Paper Holder, Hook
JBT-07	1500	1250	2300	Western	Toilet pan, Rectangular bath mirror basin, Mirror, Soap dish with stand, Tap, Flush Tank, Paper Holder, Hook, Drain Drainage Tank Overflow Pipe with Cover
JBT-08	1500	1250	2300	Western	Strip Tank Cabin & Connection
JBT-09	1500	1250	2300	Western	Toilet pan, Urinal pan, Rectangular bath mirror basin, Mirror, Soap dish with stand, Tap, Flush Tank, Paper Holder, Hook, Drain Drainage Tank Overflow Pipe with Cover
JBT-10	1500	1250	2300	Western	Toilet pan, Urinal pan, Rectangular bath mirror basin, Mirror, Soap dish with stand, Tap, Flush Tank, Paper Holder, Hook, Drain Drainage Tank Overflow Pipe with Cover
JBT-11	1500	1250	2300	Western	Toilet pan, Urinal pan, Rectangular bath mirror basin, Mirror, Soap dish with stand, Tap, Flush Tank, Paper Holder, Hook, Drain Drainage Tank Overflow Pipe with Cover
JBT-12	1500	1250	2300	Western	Toilet pan, Urinal pan, Rectangular bath mirror basin, Mirror, Soap dish with stand, Tap, Flush Tank, Paper Holder, Hook, Drain Drainage Tank Overflow Pipe with Cover
JBT-13	1500	1250	2300	Western	Toilet pan, Urinal pan, Rectangular bath mirror basin, Mirror, Soap dish with stand, Tap, Flush Tank, Paper Holder, Hook, Drain Drainage Tank Overflow Pipe with Cover
JBT-14	1500	1250	2300	Western	Toilet pan, Urinal pan, Rectangular bath mirror basin, Mirror, Soap dish with stand, Tap, Flush Tank, Paper Holder, Hook, Drain Drainage Tank Overflow Pipe with Cover
JBT-15	1500	1250	2300	Western	Toilet pan, Urinal pan, Rectangular bath mirror basin, Mirror, Soap dish with stand, Tap, Flush Tank, Paper Holder, Hook, Drain Drainage Tank Overflow Pipe with Cover
JBT-16	1500	1250	2300	Western	Toilet pan, Urinal pan, Rectangular bath mirror basin, Mirror, Soap dish with stand, Tap, Flush Tank, Paper Holder, Hook, Drain Drainage Tank Overflow Pipe with Cover
JBT-16 (C)	1500	1250	2300	Indian Squatting Pattern	Toilet Pan Rectangular bath mirror basin, Mirror, Tap with Flush Tank, Hook, Drain Drainage Tank Overflow Pipe with Cover
JBT-16 (C)	1500	1250	2300	Indian Squatting Pattern	Toilet Pan Rectangular bath mirror basin, Mirror, Soap dish with stand, Tap, Flush Tank, Paper Holder, Hook, Drain Drainage Tank Overflow Pipe with Cover

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