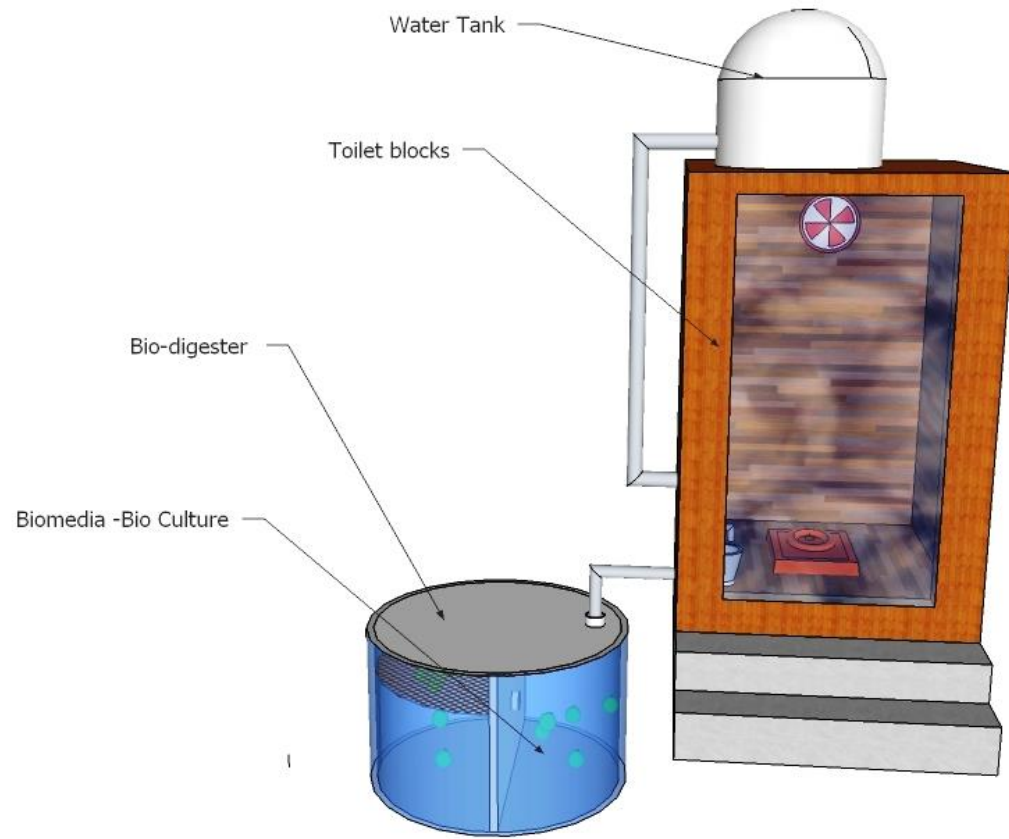


BIOTOILET

MECHWAT TECHNOLOGIES PVT. LTD.
WWW.MECHWAT.COM





WHAT IS A BIOTOILET ?

BioToilet is an assemble unit of toilet super structure with bio-digester process unit for complete decomposition of human sewage waste into gases and digested nutrient rich liquid fertilizer residual. BioToilet mechanism is followed by anaerobic and aerobic operation.

HOW DOES BIOTOILET WORK ?

1

Hydrolysis

- Splitting of solid sewage waste compound with water

2

Acid forming Stage


- Soluble compound through many fermentative process. The degradation of these compound results in the production of acid forming gases

3

Methanogenesis Stage

- Methane is formed from acetate, carbon dioxide and hydrogen gas. Suspended water further utilize for irrigation propose





BIOTOILET MODEL

**VARIOUS BIOTOILET MODEL
STRUCTURE**

BIOTOILET MODEL 151

Sr. No	Detail	Specification
1	Size-[L x B x H] ft.	[4 x 4 x 7] ft.
2	MOC	24 mm PVC Solid Sheet
3	Structure	MS Angle & Square Pipe
4	Ventilation	250 mm Crompton make exhaust fan
5	Door	24 mm pvc solid sheet with door
6	WC	Western/ Indian ; both available
7	Piping work	Schedule 40 UPVC for water line; Schedule 80 PVC for Drain Line
8	Sanitary Item	Health Faucet; Two way bib cock, wash basin and flush tank included
9	Bio-digester Capacity	500 Liter



BIOTOILET MODEL 152

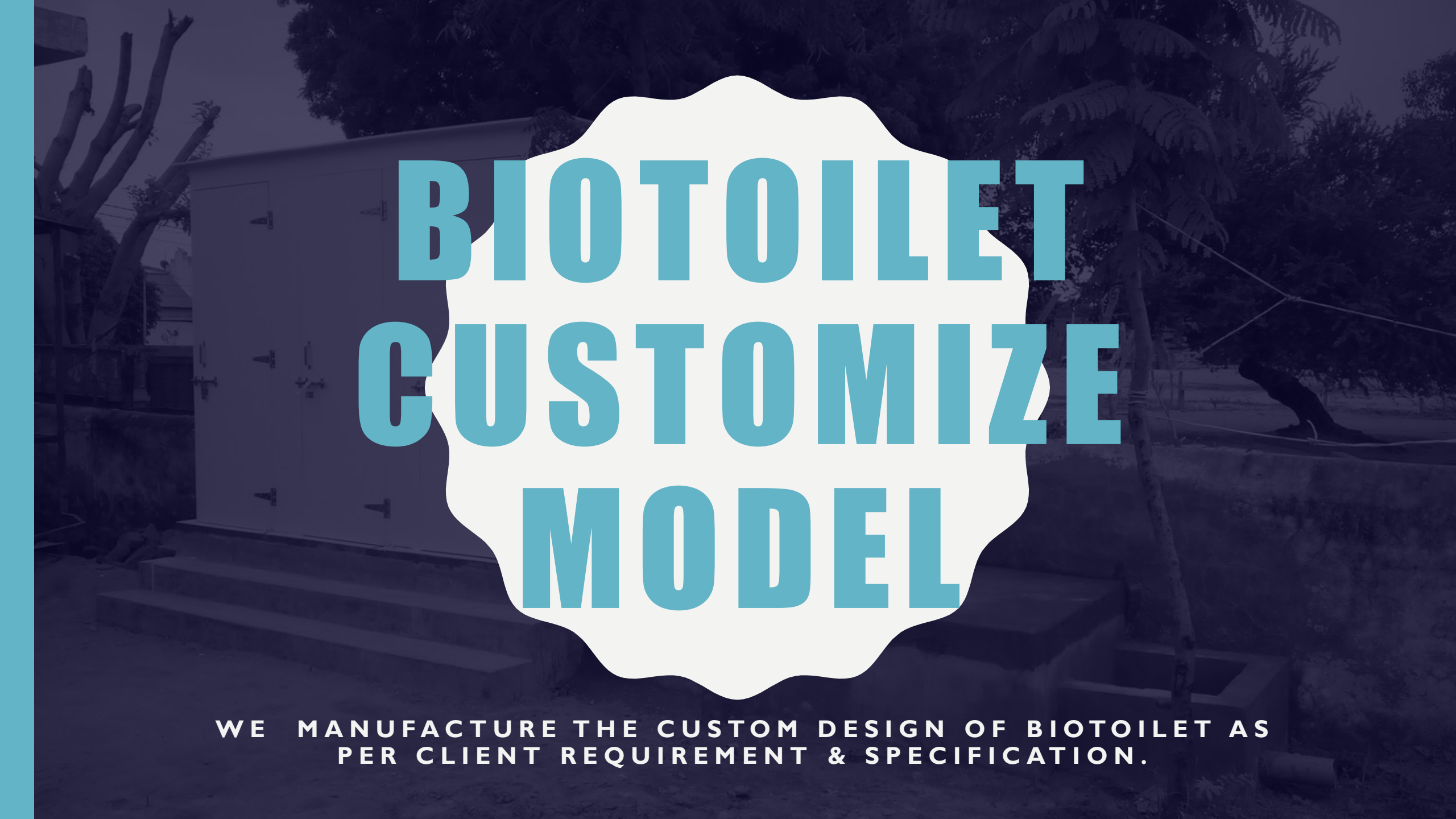


Sr. No	Detail	Specification
1	Size-[L x B x H] ft.	[4 x 4 x 7] ft.
2	MOC	12 mm PVC Solid Sheet
3	Structure	MS Angle & Square Pipe
4	Ventilation	250 mm Crompton make exhaust fan
5	Door	12 mm pvc solid sheet with door
6	WC	Western/ Indian ; both available
7	Piping work	Schedule 40 UPVC for water line; Schedule 80 PVC for Drain Line
8	Sanitary Item	Health Faucet; Two way bib cock, wash basin and flush tank included
9	Bio-Digester Capacity	500 Liter

BIOTOILET MODEL 153

Sr. No	Detail	Specification
1	Size-[L x B x H] ft.	[4 x 4 x 7] ft.
2	MOC	40 mm Puf Coated 1mm GI Sheet Panel/ Puf Panel / HDPE Panel /PVC Panel/FRP Panel Sheet
3	Structure	MS Square Pipe & Aluminum Section
4	Ventilation	250 mm Crompton make exhaust fan
5	Door	40 mm puf coated 1 mm GI Sheet Panel
6	WC	Western/ Indian ; both available
7	Piping work	Schedule 40 UPVC for water line; Schedule 80 PVC for Drain Line
8	Sanitary Item	Health Faucet; Two way bib cock, wash basin and flush tank included
9	Bio-Digester Capacity	500 Liter





BIOTOILET CUSTOMIZE MODEL

**WE MANUFACTURE THE CUSTOM DESIGN OF BIOTOILET AS
PER CLIENT REQUIREMENT & SPECIFICATION.**

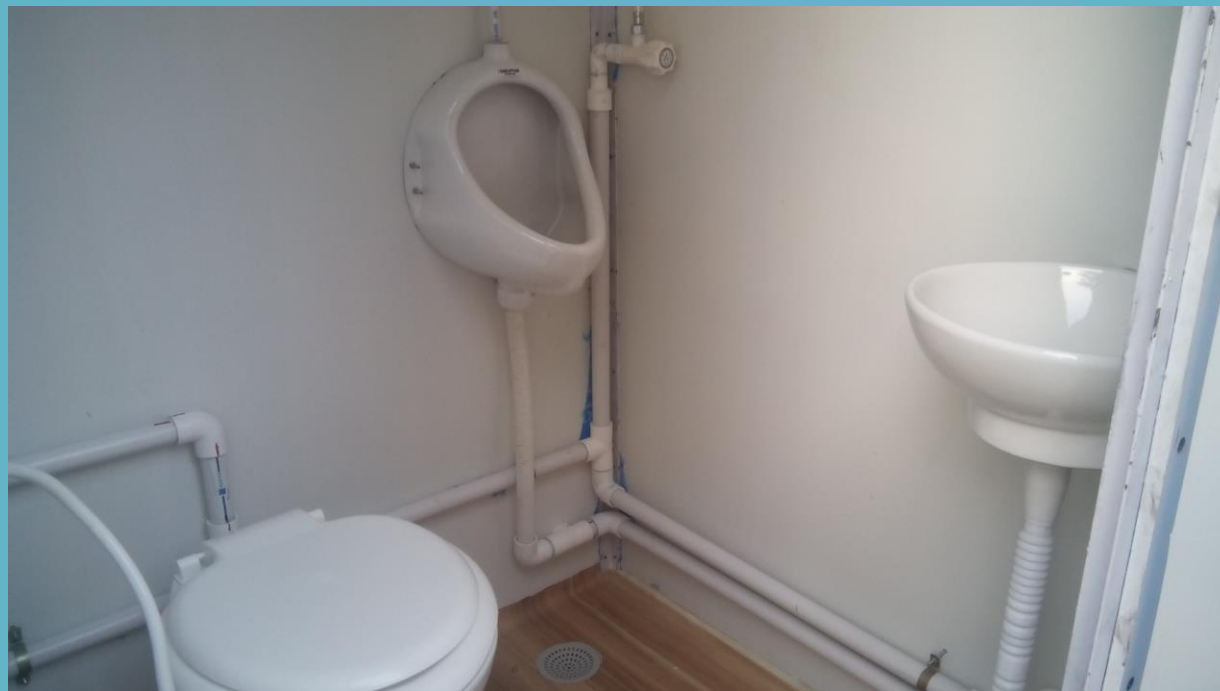
PROJECT INSTALLED

**BIOTOILET PROJECT WORK DETAIL [2016-
2017]**



MCX INDIA LTD PROJECT

PROJECT WORK COMPLETED IN VARIOUS SCHOOL OF GUJARAT REGION.



GAMMON INDIA LTD PROJECT

MAHI BRIDGE PROJECT

BGR ENERGY SYSTEM LTD PROJECT

- Various project work completed under the BGR Energy System Ltd i.e., Dr. Narla Tata Rao Power Plant, Ennore Power Plant , Ghatampur Power Plant,etc.





AUNDE INDIA LTD PROJECT

AS PART OF CSR PROJECT, BIOTOILET
INSTALLED FOR PUBLIC USE IN DADRA
NAGAR HAVELI.



SHAPOORJI PALLONJI GROUP PROJECT

MORE THAN 28 SITES PROJECT EXECUTION
DONE BY MECHWAT IN LAST 12 MONTH
FOR VARIOUS REGION OF INDIA

ADITYA BIRLA GROUP PROJECT

- We are providing manufacturing & Services for various coal mining sites of Aditya Birla Group in India



**99+ PROJECT
SITES
INSTALLATION**

**MANUFACTURING, EXPORT AND SERVICE OF
BIOTOILET & SANITATION PROJECT**

VALUED CLIENT

- Aditya Birla Group
- ITC Limited
- Gammon India Ltd
- Tenova Group
- Adani Infra Project
- Sursagar Milk Producer Co. & Ltd.
- HRI India Ltd.
- BGP Healthcare
- Shapoorji Pallonji Group
- BGR Energy System Limited
- MCX India Ltd
- Jhaveri Flexo India Ltd
- Aunde India Ltd
- Erva Healthcare
- Manimed Pharmaceutical
- 70+ Client



**GROWING AMONG TOP LEADERS IN
ENGINEERING SECTOR**