



We are Stand India Foundation running a mission named **Green earth Bio Energy in India**. Our mission is to **Best utilization of waste to Productivity of nation**. We **Create awareness on use of bio energy to stabilize Environment and chemical free cultivation**.

Advantages: *Low cost, easy of transportation, low construction and installation (important if the water table is high), high digester temperatures, uncomplicated cleaning, emptying and maintenance. ideal cheap system to generate methane for cooking stoves.*



SAFE & EFFICIENT SOLUTIONS FOR RENEWABLE SOURCES OF ENERGY

AVAILABLE DIFFERENT SIZE OF BIOGAS PLANT

2 CM³

3CM³

5CM³

10 CM³

Technical Specification	2 Cm ³ Plant	3 Cm ³ Plant	5 Cm ³ plant	10 Cm ³ plant
Required Input	50 kg cow dunk or 20kg food waste	60 kg cow dunk or 30kg food waste	100 kg cow dunk or 50kg food waste	200 kg cow dunk or 10kg food waste
Required cow or foodwaste	2-4 No's or 125 people canteen waste	4-7 No's or 200 people canteen waste	8-12 No's or 300 people canteen waste	100 No's or 900 people canteen waste
Out come in Bio- gas equivalent to LPG	1 Kg Per Day	1.5 Kg Per Day	2 Kg Per Day	4 Kg Per Day
Area required	Length 3 width 2 meter	Length 4 width 3 meter	Length 5 width 4 meter	Length 67 width 5meter
Price without discount	Rs 25600/-	Rs 35900/-	Rs 44700/-	Rs 56700/-

EQUIPMENT & ADDITIONAL KIT WITH BIOGAS PLANT



What is Included in the Kit



Additional Equipment



FLEXI BIOGAS PLANT

Installation Step by Step

Step -1

Take the Rite measurement as per the size of plant one has decided first. Here Is the image of 2 CM3 plant pit its size is

(L-7 feet W -3 feet H-3 feet)

If anyone wants to build it by bricks and cement it will be one's own customization but the inside size will be as mentioned. Position of the pit will be as per convince, But the preferred location is dry, clean, high surface and hard soil areas.



Step -2

After that plant will be placed in pit as per Required direction of inlet and out-

Let of The beneficiary and It will be filled with water until water comes out in outlet side.

Note- power supply and water minimum 3000 liter must be available on 1st day of installation by the beneficiary.



Step -3

Put Cow dunk and water Equal proportion at least 500 kg first day and 40 kg of dunk with water every day until it inflated it may take 25 to 40 days approximately. this size will produce 1.5 kg of LPG every day.



Fully Installed Model



Green Earth Bio Energy

Client Scope

Customer is required to arrange the below, before and at the time of installation

- | | |
|---------------------------------|----------------------------|
| 1. Pit Excavation | 4. Power Supply |
| 2. Innocuous (Dung Arrangement) | 5. Water Supply |
| 3. Dung Mixing Labor | 6. Brick Wall Construction |

Maintenance of Biogas Plant

1. Proper Mixing of feed should be maintained for uninterrupted biogas generation. The appropriate mixing ration of feed is 1:1
2. Changes in the Weather will cause moisture to settle in the pipes, it should be removed by closing the gate value and draining the water. Re-connect the pipes once the water is removed.
3. Following the above steps will ensure continuous generation of gas from your Biogas plant.

Note:

Biogas Plant Installation & Operation will vary depending on the size and input feed. Contact us for personalized Quote



THANK YOU

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