

OXYGEN
Plasticare Pvt. Ltd.
Every One's Need

हवे आंज मां आंसु नहीं,
आशाओ
देखाओ

Oxygen Bio-Gas Plants

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Get Bio-Gas, Best from the waste

Backed by the relevant experience and exposure to the market, and with a keen intention of protecting and nature, we have developed our bio gas plants. We believe the benefits mentioned below would not only help our nation grow but also leap ahead towards preserving the environment.

- Self-sustenance & Self-dependence of cooking energy
- Adulteration free organic manure
- Beneficial for health and well being
- Effective management of hygiene, cleanliness and waste
- Time and energy saving

Additional advantages apart from the above mentioned key benefits are,

- Conserves Nature
- Local employment generation and opportunities

Prominent Features

- All Set Design – Ready to use
- Simple, Easy to Install
- Space saving design
- Movable, for ease of Relocation
- Possibility of installation, Both above/under ground
- Minimal maintenance

Capable of converting cow dung, kitchen waste or human waste in to functional resources.

Oxygen Bio-Gas Plants are designed to manage waste which is segregated as well as an amalgamation of a variety of sources. Oxygen Bio-Gas Plants are Adaptable for a variety of business models, apart from having Diverse and Numerous Applications.



Kitchen Waste Base Plant



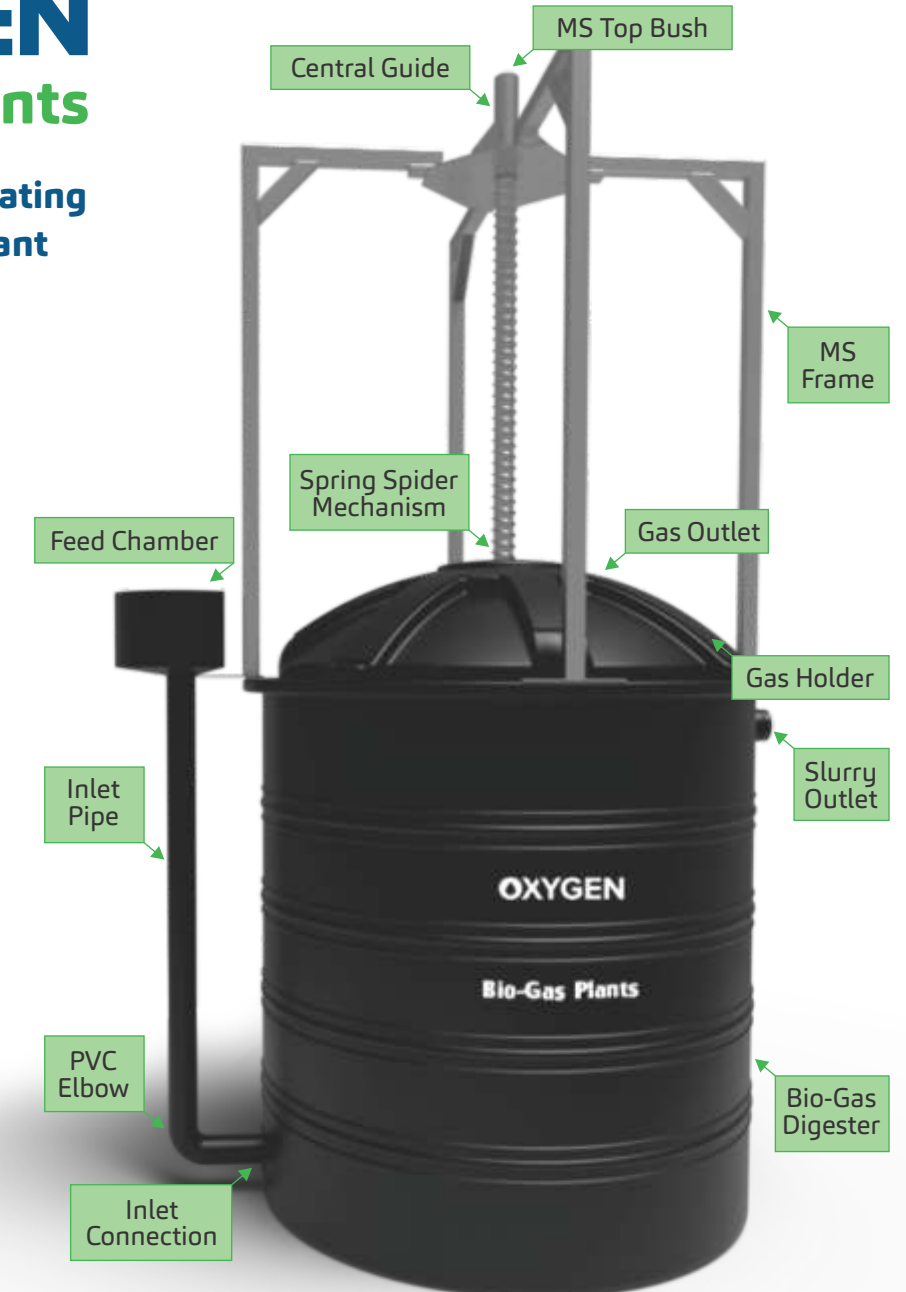
Cow Dung Base Plant



Human Waste Base Plant

OXYGEN Bio-Gas Plants

Components of Floating Type of Bio-Gas Plant



Installation Instructions

- Oxygen Bio-Gas Plants should be installed near the kitchen.
- Ideally the plant should be kept within a distance of 10 mtrs.
- The plant should be setup in an open area, ultimately giving lots of sunlight throughout the year.
- At first, do charge the plant with equal proportions of cow dung and water.
- The production process of GAS generally begins within 8-10 days, though this gas has to be released in the air.
- Generation of Bio-Gas to a plant's full capacity usually takes a month's time.
- Please refer to our guidelines, for successful operation of Oxygen Bio-Gas Plant.





Dairy Plant

Oxygen Bio-Gas Plants for Dairies

Government subsidy schemes can be easily availed for a Bio-Gas plant setup. Loans are also available under priority lending schemes of NABARD and certain Banks. On the other hand Cooperative dairies can offer its member farmers Bio-Gas plants on pre agreed terms, a small deduction towards the installment of the plant can be adjusted against the Milk payments to the farmer on regular basis, creating a win win situation for all.



Hotel & Restaurant

Oxygen Bio-Gas Plants for people without animals

With awareness amongst people, there is a possibility of setting up of 'Cow Dung – Gobar Bank' or 'Kitchen & Garden Waste Bank', wherein people can come and deposit their waste, instead of throwing in a dump yard. Various practices can be followed to provide the Bio-Gas generated through this initiatives to the needy, also the organic manure can be provided at most economic rates to the farmers who can benefit in obtaining a better yield.



Hospital Kitchen

Oxygen Bio-Gas Plants for Hotels, Restaurants, Dhabas, Mid-day meal kitchen, Hospitals, Religious Monuments etc.

A biogas plant will not only eradicate the dilemma of waste disposal for the above mentioned organizations, but also with the sheer amount of waste generated, it can prove to be very beneficial both economically and most importantly environmentally.

Range

Sr. No.	Product Code	Gas Gen. Capacity (in Cu. Mtrs)	Approximate feed stock required per day		Total Avg. cooking time per day*	Area required in sq. mtrs.
			Cow Dung (Kg.)	Kitchen Waste (Kg.)		
1	OBGP-01000-01	1.0	20-25 kg + 20-25 ltr. Water	10-12 kg + 12-15 ltr water	2 Hours	2.89
2	OBGP-02000-01	2.0	40-50 kg + 40-50 ltr. Water	20-25 kg + 25-32 ltr water	4 Hours	4.13
3	OBGP-02000-02	2.0	50-60 kg + 50-60 ltr. Water	25-30 kg + 30-37 ltr water	5 Hours	5.15

*Average cooking time per day is calculated considering 15 CFI burner