

# Product Catalogue



**DREAM LPG BD LTD.**

**Advanced | Secured | Superior**

ড্রিম ওয়ার্ল্ড কর্পোরেশনের একটি অঙ্গ প্রতিষ্ঠান

Israt Tower, 6 Purana Paltan, Lift-6, Level-6, Dhaka-1000

Tel/Fax : 02-55110746, Web: [www.dreamlpg.com](http://www.dreamlpg.com)

Mob : 01715-731054, 01978-665140-50

## Earn Trust with Business

DREAM LPG BD. has been providing Machinery & equipment's, supports and service to all major LPG filling station, contractors and traders in the region.

## Our Objective

Our objective is to become one of the leading market share holder in one of most competitive and exciting market in Bangladesh.

## Our Goal

- ✧ Customer satisfaction is the ultimate goal of our company.
- ✧ To generate a high standard of commitment to our customers
- ✧ To treat our clients, suppliers and employees with honesty and respect
- ✧ To offer an unsurpassed level of service at the most competitive rates.

## Mission Statement

Our mission is to serve a customer base providing innovative International trading and logistics solutions that recognizes the value of customer care. We are committed to deliver our products at the right time at the right place.

## Vision Statement

To be referred at the most favorable company in the industrial machinery and trading industry.

## Our Achievements

The principles and standards of Dream LPG BD. has made the company one of the most reputed trading organization in Bangladesh and we are able to satisfy all our clients Need.

## Our Working Level

- ❖ LPG Filling Station Package
- ❖ LPG Conversion Kits
- ❖ Dispensers (LPG, Petrol, Octane & Diesel)
- ❖ LPG Accessories
- ❖ Dispenser Controller (Display, Motherboard Etc.)
- ❖ Filling Station Management System
- ❖ LPG Bottling Plant
- ❖ LPG Mother Plant
- ❖ LPG Veporizer
- ❖ Residential LPG Supply Solution (Reticulated System)
- ❖ LPG Bulk Carrier
- ❖ SNG/LPG Air Mixing Unit
- ❖ All Engineering Consultancy
- ❖ Equipment Supply For LPG Station and Installation Service
- ❖ Operation and Maintenance of LGP Station
- ❖ Industrial LPG Solution
- ❖ LNG Relate Service

# LP GAS BANK SYSTEM OF DREAM LPG BD.

## CONTENTS

- ★ What is Gas bank System?
- ★ Why Gas bank System?
- ★ Safety Features.
- ★ Benefits of the system.



## What is Gas Bank System

LP Gas bank system is the most modernized LP gas supply & distribution system through a piped network to each and every Kitchen sections or to each and every heating sections of an Industry.





- ★ This system supplies gas direct to the individual kitchen or sections from a centralized **cylinder gas bank** or **bulk tank** through pipeline network.
- ★ LP Gas supplier will refill the bulk tank or replace the gas cylinder when required, under the service contract.



Cylinder Gas Bank



Bulk Tank

## Why Gas Bank System

- ★ No cylinder in the kitchen or near the heating section.
- ★ The system is designed to supply LPG to the user through several pressure regulators at a safe low pressure, compared to conventional system where high pressure cylinder is located near the user which makes it a potential threat to human life and properties.

Best use of the system is for household kitchens, commercial kitchens, restaurants, canteens & industries.

Depending on the requirements of LP Gas, there are 02 (Two) types of arrangement:



**i. Cylinder Gas Bank.    ii. Bulk Tank.**

## Cylinder Gas Bank:

- a) This arrangement is suitable for buildings, restaurant, industries where requirements is not high enough or space is at a premium.
- b) Cylinders are connected to the Manifold system in series, where LPG is withdrawn from the cylinder and is discharge to the system for usage.
- c) Liquide gas in the cylinder converts to vapor by a vaporizer and discharge through the valve to common delivery line.
- d) This arrangement is preferable where the gas consumption is 6 kg/hr. to 100 kg/hr.
- e) Based on gas consumption, Vapor Off Take (VOT) & Liquide Off Take (LOT) cylinder will be applied in system.

## Bulk Tank:

- a) This arrangement is preferable for industries, where requirements is high enough and also space is available.
- b) Instead of a bunch of cylinder, there will be a LP Gas tank located at a safe distance from building.
- c) Liquide LP Gas passes through a vaporizer, where it turns into gaseous form and enters into the main delivery line.
- d) This arrangement is preferable where gas



## Safety Features

- ✦ The system consist of several pressure regulatory valves to ensure the required low pressure.
- ✦ Central cylinder bank room.
- ✦ Non Return Valve for cylinder to avoid back flow.
- ✦ Main line emergency valve to cut off LPG supply to entire complex.
- ✦ Emergency valve inside the kitchen to cut-off the supply in the kitchen.
- ✦ Special LPG Stainless Steel Pipe use for underground line with long life & safety.
- ✦ Fencing of areas to restrict unauthorized entry.

## Benefits of the system

- ✦ Safe and uninterrupted gas supply.
- ✦ Pay only for the quantity consumed just as Electricity.
- ✦ Saving of Kitchen space.
- ✦ Eliminates the risk of fire hazard caused by leakage due to improper fitting of gas regulator after removing the seal cap or leakage of (unchecked/expired) LPG cylinders.
- ✦ Periodic inspection by the system provider.
- ✦ Periodic maintenance (AMC) by the system provider.
- ✦ Training of customers.
- ✦ 24 hours emergency service.





LPG Mother Plant (Proposed), Batia Ghata Khulna



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**Autogas:** common name for Liquefied Petroleum Gas (LPG) used as a transport fuel. The second most widely used and accepted as an alternative automotive fuel in the world today. Autogas is widely known as a "green" fuel for lower emissions.

### Advantages

- Fuel for the Future
- Cheaper than gasoline
- Reduced Maintenance Cost
- Eco-Friendly
- Less space, weight, pressure than CNG storage
- Less power loss than CNG vehicles

### Driving

- Compatible to dual fuel with easy shifting
- Easy maintenance thus more vehicle lifespan
- Less carbon emission, saving environment

### Refueling

- 3.5 minutes for full tank filling
- No long queue for refueling
- Digital metering system at dispenser
- Can dispense even With small generators

## COMPARISON BETWEEN DIFFERENT FUELS

TYPE OF FUEL	CNG	LPG	DIESEL	GASOLINE
Cylinder size (water litre)	60 liters	60 liters	60 Liters	60 Liters
Cylinder weight in kilogram	65Kg	20 Kg	100Kg	15Kg
Fuel capacity (M3, water liter)	15 M3	45 Liters	60 Liters	60 liters
Fuel cost in Full tank filling	525.00 Tk	2,430 Km	3,840 Tk	5,340 Tk
Mileage in Kilometer	90Km	400Km	450 Km	485 Km
Mileage KM/ 1Unit Fuel	6Km/M3	8.5Km/L	7,5Km/L	8 Km/L
Per KM cost	5.825Tk	6.075Tk	8.53 Tk	11.00 Tk
Filling durations	Everyday	After 4days	After 4 days	After 4 days





## Our Sister Concern



**DREAM WORLD CORPORATION**



**PIXEL ENGINEERING & CONSULTANCY LTD.**



**DREAM LPG & CNG CONVERSION WORKSHOP**



**DREAM STEEL BD.**



**DREAM ENERGY**

**DREAM MULTI FABS LTD.**



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