

## About Virgo Industries

*Committed to Superior Quality & Concrete Results*

We are the pioneer in **pre-cast concrete products** and building material industry with more than 35 years of expertise. Virgo Industries has a stable track record of producing and delivering high-quality products and reliable services in construction, agro-infrastructure, **waste management** and organic **agro-technology** domain by becoming the most efficient and innovative company, garnering several **awards** and recognition nation-wide.



Managing Director,  
Adv. Joby Sebastian

### Committed to Quality since 1986.....

While investing in precast concrete structures, you need a product that meets your expectations in terms of structural integrity, durability and ease of use. Virgo Industries has been perfecting the craft of manufacturing the strongest, most functional and aesthetically pleasing concrete products since 1986.

Part of our role as a leading innovator in the structural precast concrete industry is utilizing engineering excellence and the latest technology to continually expand our broad range of products.

Our complete selection of precast concrete products are suitable for industrial, commercial, residential/ domestic customers ranging from **Firetech Incinerators**, **Firetech Agro – Dryers**, **Percolator Fertigation Post (PPF)** for high yielding **pepper vine cultivation**, **Fire Tech Rubber Smokehouse**, a wide range of precast concrete products like concrete solid blocks, hollow bricks, concrete walls, concrete rings, beams, catering furnace, pillars etc. and much more...



## FireTech Flagship Products

"We build Trust"

"35 years of Excellence & Legacy"

"Tailor made & Customized to perfect your needs"

FireTech Rubber Smoke house

FireTech Incinerator

FireTech Dryer

FireTech Furnace



0485 2571106

+91 9048365013  
+91 8086586387

www.virgoindustries.com

"Each piece – A Masterpiece"  
Award winning products

## Contact Us

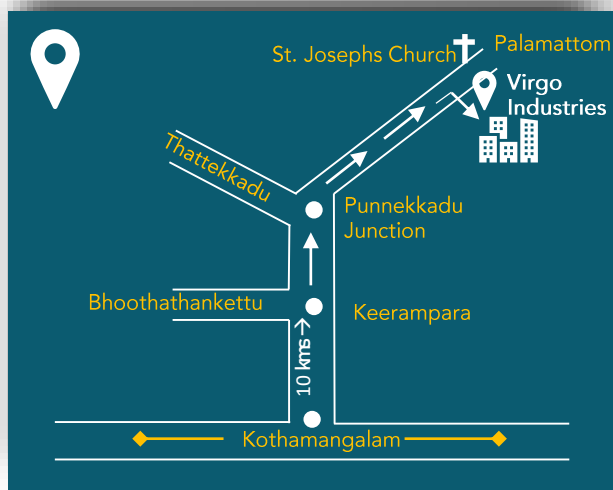
0485 2571106

+91 9048365013  
+91 8086586387

www.virgoindustries.com

jobysebas@gmail.com

Virgo Industries,  
Velielchal, Thattekkadu PO,  
Palamattom Route – PIN (686 681)  
Kothamangalam, Ernakulam District,  
Kerala, India



## Fire Tech Rubber Smoke House

Virgo Industries is the pioneer in Rubber Smokehouse industry across India with over 35 years of experience. Fire Tech Rubber Smoke house design is **recognized** by the **Rubber Research Institute of India** as being of the highest standards.

There are several models including the ones for making high-quality rubber sheets and 1-X Rubber sheets.

**1-X Rubber smoke house** is a special model utilizing **smokeless oven type** furnace technology which is ideal to produce premium quality 1-X Rubber sheets retaining its colour and required properties in **just 3 days**.

We design our smokehouse based on the requirements of our customers. We also leave room for **future expansion** if there is further need in future to increase the capacity of rubber sheet production. Further, the sophisticated **carbon filtering mechanism** of our smokehouse makes it unique. Some added benefits are :

- ◆ Fire and ash doesn't enter the main chamber.
- ◆ Smokehouse retains and **radiates heat** for several hours even after the fire has been put off.
- ◆ Can be **customized** and tailor made to suit the requirements (ex: special smoke house for rubber scrap drying, 1-X sheet smokeless drying, revamping & **remodeling** old smoke house.
- ◆ **Fuel efficient** with minimal firewood use, retains heat to its **maximum capacity** even after fire extinguishes for several long hours.
- ◆ **No maintenance cost** once after you install the Rubber Smoke House - **FIX IT & FORGET IT !!**



## Fire Tech Incinerator

Virgo FireTech incinerator is a quick-fix solution to burn trash and solid waste until it is reduced to ash in a thermal efficient and eco-friendly manner. Incineration is another word for controlled burning in very high temperature for waste disposal. It is a safe method of waste processing and disposal for households, ladies hostels, schools, hospitals, laboratories, hotels, clinics, industries and other institutions. Virgo Industries constructs FireTech incinerator of different capacities suitable for **homes to big auditoriums and industries**, according to the needs of the customers.

- ◆ Minimal amount of smoke is produced due to very high temperature combustion technology. **Less pollution** due to **less smoke** and carbon emission and thus eco-friendly.
- ◆ **No additional fuel** is required and no monitoring is needed when it is properly ignited. Simple to operate, **portable** and it takes **only one day to install**.
- ◆ High temperature converts most poisons and toxic materials into harmless **inert matter ash**.
- ◆ About **30% wet waste** can be incinerated if it is fed mixed with **70 % of dry waste**.
- ◆ Waste disposal by burning can be very effectively done during the **rainy season**.
- ◆ The residual dry ash will settle down at the bottom **ash chamber** after filtering down from the waste holding grill at the bottom of the incinerator. This ash contains rich potash which can be collected as manure for organic agriculture.
- ◆ No heat is felt outside the incinerator because the heat radiation and heat-loss is prevented by **industrial grade thermal proof materials** retaining the heat within the incinerating chamber.



## Fire Tech Furnace

Virgo's FireTech furnace is synonymous to the planters across India for its quality, durability (the furnace has been functional for 35 years and is still in use), fuel efficiency and affordability. In addition, the FireTech furnace comes with a **5 year replacement guarantee** which is reflective of our **confidence** on this remarkable product which delivers premium quality **rubber sheets in just 3 days**. The FireTech furnace is tailor made and can be fixed to an **existing smokehouse** as well. The design of the FireTech furnace **ensures** protection of the smokehouse **against fire accidents**. The FireTech furnace is superior to other furnaces and require only 1/3<sup>rd</sup> of the firewood in comparison to a conventional furnace.

### Why FireTech Furnace over Other Furnace ?

- ◆ Cast iron furnace is 5 times more expensive than FireTech furnace
- ◆ Conventional furnaces are not as fuel-efficient as FireTech furnace
- ◆ Iron furnace rusts and corrodes over time and requires frequent maintenance.



## Fire Tech Agro Dryer

The FireTech dryer is a new product that has garnered a lot of interest through **smokeless drying and solar heat source**. It can be used to dry fruits, vegetables, meat, anything **WITHOUT** subjecting it to smoke. The result is the preservation of any seasonal item **preserving** its **original texture** and properties avoiding wastage of produce. In an agro-business perspective, it can be used to dry spices, pepper, mace, nutmeg etc. It also opens up a whole new business opportunity to small business holders to sell value-added dry vegetables and fruits preserving its **colour, taste and aroma**.

FireTech Dryer is sold in various sizes and capacity tailored from small to large scale use and can be customised according to requirements.

Fire Tech Agro Dryers comes in a variety of models with **specially manufactured** smokeless furnace as well as utilizing solar heat source.

