



**VD ENGINEERS**  
Pioneers in drying and separation process

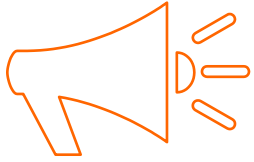


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[www.vdengineers.in](http://www.vdengineers.in)

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## Introduction



**VD Engineers** one of the fastest growing **manufacturing Company** based in **Chennai** with a turnover of over **4 Cr.**, and 8 years of business endeavors.



**VD Engineers** is the brainchild of a team of two Mechanical Engineers turned entrepreneurs who envisaged a dream to establish our company to cater the needs of all Industries and **design & manufacturing experience of 17 Years**



Range of **Storage Tank, Rotary Dryer, Multi Layer Mesh Belt Dryer, Flash Dryer, Heat exchangers Centrifuge Extractor** and **more**. Since our inception in the year **2010**, as **Partnership** firm we have been sprouting with the in-house Technology engineered to deliver high quality products and services to meet the diverse needs of our clients.

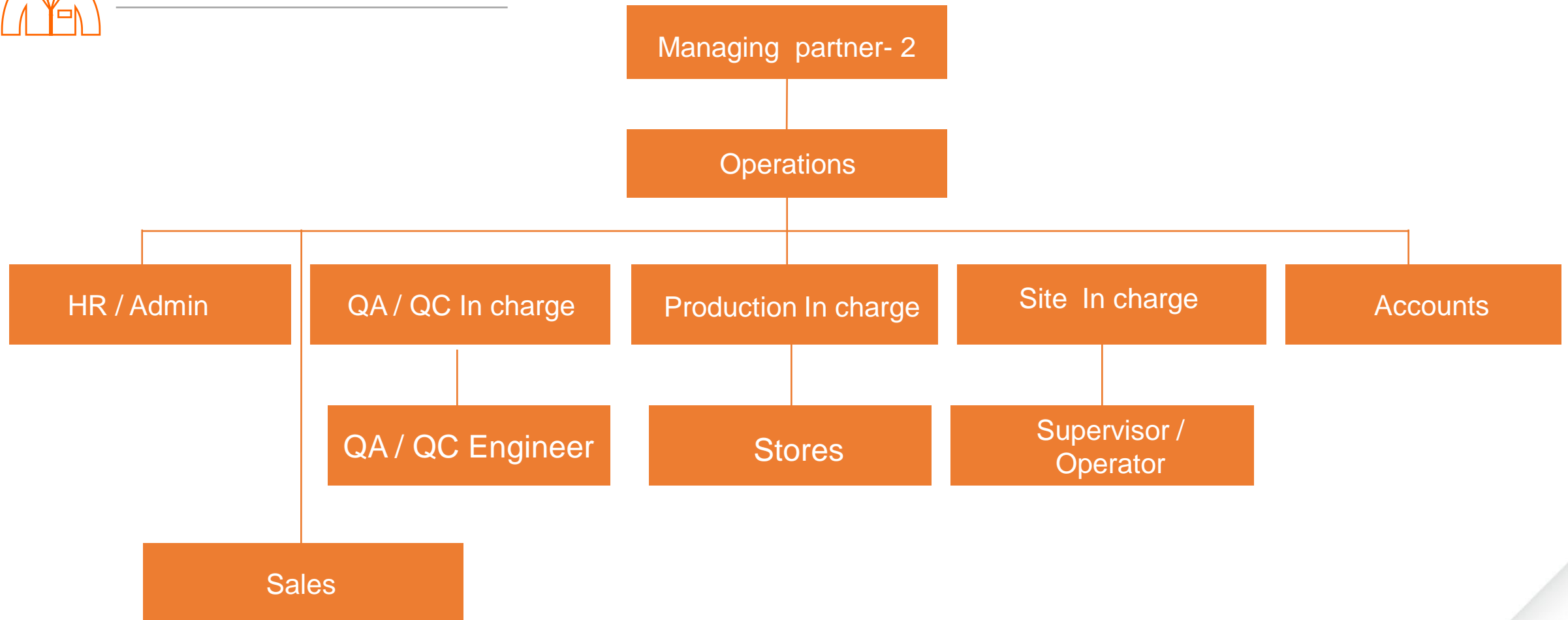


**Vision:** Establish a world class facility with systems in place to make range of products and processes and cater to world class customers.



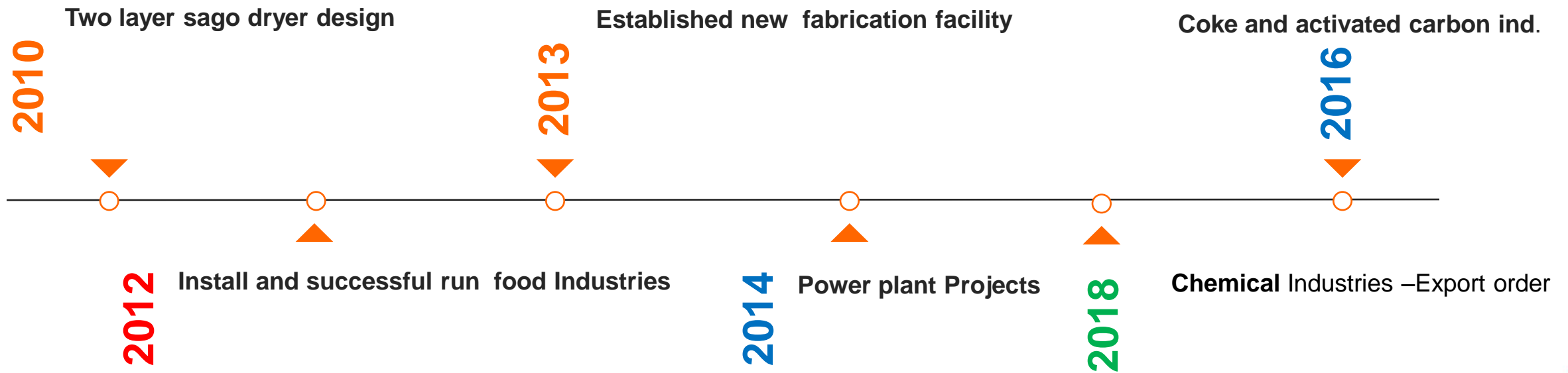


# Organization Chart



# M

## Milestones

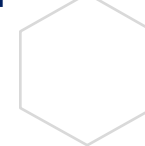




## Infrastructure



- ▶ Our Head Office with an area of 1500 Sq.Ft is located in Arumbakkam, Chennai-600 106
- ▶ Fabrication workshop is housed in a serene atmosphere covering more than 25,000 Sq.Ft in Sidco Industrial Estate Red Hills in Chennai
- ▶ Our manufacturing infrastructure is unparalleled. In addition to this, we are strongly supported by our wide and trusted network of sub-contract partners
- ▶ Arc ,MIG and TIG welding shop is equipped with necessary equipment to carry out quality welding in accordance to Indian Standard .
- ▶ Spot welding machines ,MIG ,SMAW & GTAW welding machines.
- ▶ We have equipped inbuilt infrastructure facility in fabricating both MS and SS Components







# Infrastructure



- ▶ ASNT Level II qualified NDE inspectors (LT, MT, RT, UT)
- ▶ AWS Certified Welding Inspector
- ▶ API 510 Certified Pressure Vessel Inspector
- ▶ Each and every aspect of product safety is carefully detailed and accounted for in our design. All relevant standards and directives (like ASME, ASTM, BS, EN, DIN, ISO, JS, IS) are strictly adhered to when designing our products.





## Products



- ▶ Mesh / Metal Belt - Multi Layer Dryers
- ▶ Industrial Flash Dryer
- ▶ Industrial Rotary Dryers
- ▶ Centrifuge Extractor(solid- Liquid Separation)
- ▶ Hot Gas Generator
- ▶ Hot Air Generator with Heat Exchanger Arrangement
- ▶ Strainers/ Filters, Industrial Chimney & Storage Tanks
- ▶ Material Handling System







## Products- Continues 2- Layer Dryer

### Continues Belt Dryer

Belt dryer is a kind of common continuous dried machine. It is widely utilized in food dehydration plant. Especially it is suitable for drying sliced or cut vegetables and fruits.

### Special Features

- ▶ Suitable for granular, fibrous wet materials
- ▶ Uniform drying/ Gentle drying
- ▶ Low power demand
- ▶ Continuous operation
- ▶ Automatic belt Alignment







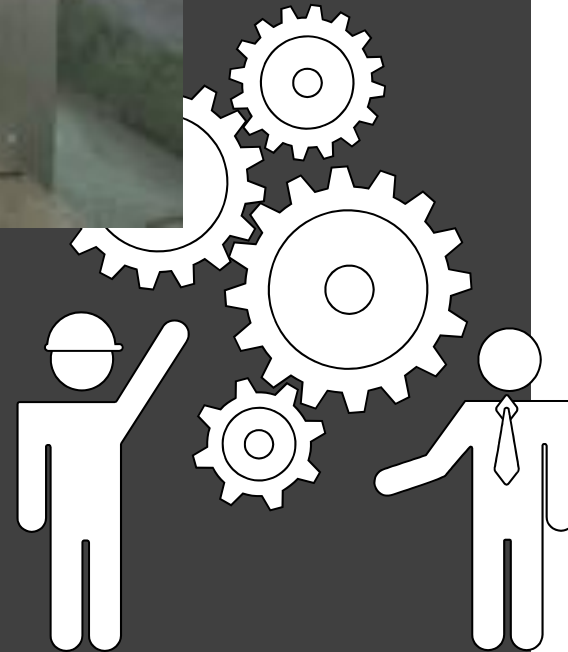
# Multi-Layer Mesh Belt Dryer



Drying machine is the cost-effective, and gets favorite responds from the buyers. Adjustable temperature makes Belt dryer have the capacity to dry more raw materials. After drying processing, the water content can reach to 10% or less. But the quality of raw material isn't damaged.

## Advantage

- ▶ Fully automatic control system
- ▶ Customer specific operations
- ▶ compact design and less occupied area
- ▶ reduce power consumption.
- ▶ working processes are under the closed environment.





# Rotary Dryer



The rotary dryer is a type of industrial dryer employed to reduce or minimize the liquid moisture content of the material it is handling by bringing it into direct contact with a heated gas.

## Advantage

- ▶ Fully automatic control system
- ▶ Customer specific operations
- ▶ Efficient drying of materials with high moisture contents
- ▶ Design permits highest possible drying temperatures.
- ▶ High thermal efficiency





# Flash Dryer



The principle of a flash dryer is simple. hot air (180oC) is sucked and mixed with the Wet product inside a very long pipe (called the flash pipe. The Wet product is passing through the pipe very quickly (in a "flash") and is dried to about 10% moisture.

## Advantage

- ▶ Fully automatic control system
- ▶ Customer specific operations
- ▶ All Starches & Starch Flour
- ▶ Agro Chemicals Ceramics.
- ▶ Pharmaceuticals.
- ▶ Pigments and dyestuffs.
- ▶ Waste products







## Heat Exchanger



## Hot Air Generator







## Storage Tank



## Conveyors



## Centrifuge Extractor(solid- Liquid Separation)



## Industrial Blower





## Photo Gallery



## Foreign client visit





## Contact Us

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