

## PROFILE AND INTRODUCTION



The saga of **UNITECH ENGINEERING** success began in the Year of 2010 in Bangalore, when dynamic entrepreneurs with their comprehensive team knowledge coupled with ability to convert revolutionary ideas into reality. Today, the company has made a mark in its sphere of operation in short span of time. Its mission is to develop and implement customer's specific Heat treatment facilities and equipment for the metals industries. The company had already established itself a good position in the domestic market.

## **INFRASTRUCTURE**

**UNITECH ENGINEERING** heat treatment furnace/ovens, Vibro Finishing Machines, Centrifugal Machines satisfy even the most demanding customers regarding performance, quality and economy. The ability to specialize has made us a leading manufacturer of high capacity Heat treatment furnaces with new technologies require a great deal of design innovation in order to be able to offer safe production solutions that achieve the practical requirements cost-efficient. Its products are designed for cost effectiveness, safe operation and economical and environment friendly production long service life & less maintenance.

## **OUR STRENGTH**

We have a group of dedicated Engineers who are well experienced and educated from leading Furnace Manufacturers. The well trained and experienced service team of our company has been certified by the customers as one of the best teams in this industry.

## **QUALITY**

Our company is known for its performance in the industry. Its main thrust area is quality, which is well maintained and promoted by highly qualified and dedicated workforce. It constantly upgrades the products as per the technological changes and requirements in the fast flourishing industry. It leaves no stone unturned in its pursuit of perfection. The human devotion is preceded by hi-tech methods, we apply, to comply with world class quality standards. There is a comprehensive and sophisticated system of quality control and strict vigil is maintained at every stages of manufacturing. Regular inspections and a through final test enable us to note any discrepancies and improving the shortcomings.

## **AFTER SALES & SERVICE**

We know that maintenance is very important to obtain the best performance and longer life on the furnaces. We are ready to offer spares and services to get maximum efficiency and to minimize the down time. In the event of constrain in your budget for your new equipments, we can offer rebuild / revamping of your existing furnaces either on site / at our works depends on the feasibility.

## **CUSTOMERS**

Our major customers are Automobile Industries, Steel Industries, aluminum Industries, Chemical & Ceramic Industries and Engineering Industries. Apart from this we will be supporting our customers by taking up AMC (Annual Maintenance Contract).

### **MANUFACTURING RANGE (Electrical/Gas fired)**

1. Batch Type Integral quench Furnace( Sealed Quench Furnace)
2. Continuous Hardening & Tempering Lines (Mesh Belt Type)
3. Continuous Gas Carburizing Furnace.
4. Pit Type Gas Carburizing, Annealing, Normalizing & Tempering Furnace.
5. Bell Type Annealing and Normalizing Furnace
6. Washing Machines
7. Salt Quench Furnace (Mar Quenching)

## **Standard Furnaces & Vibro Finishing Machine**

1. Box Type Hardening , Tempering & Annealing Furnace.
2. Bogie Type Furnace.
3. Forge Heating & Normalizing Furnace
4. Forced Air Circulation Furnace.
5. Aluminum Melting & Holding Furnace.
6. Laboratory Furnace.
7. All Kinds / Types of Furnace Spares
8. We Under Take all Types repair , modification & Lining Works
9. Vibro finishing Machine
10. Centrifugal Finishing Machine
11. Tube Type Vibratory Finishing Machine
12. Rotary Driers
13. Vibratory Separators

We request you to kindly consider us one of your positive suppliers for above equipments and services. We are confident that you will be fully satisfied by the performance of our products and will continue to place your valued orders with our company.

Expecting your full support by sending your valued enquiries to us.

Thanking you

**UNITECH ENGINEERING**

## OUR PRODUCTS



SQF 120 - 1000KG

**M/S LOPAN METAL TREATMENT, BEWADI, RAJASTAN.**

## SEALED QUENCH FURNACE



SEALED QUENCH FURNACE( 350 KG) SUPPLIED TO  
**M/S RKB INDUCTION, BANGALORE.**

## TEMPERING FURNACE



LOW TEMPERING FURNACE SUPPLIED TO  
**M/S RKB INDUCTION, BANGALORE.**

## ALKALI WASHING MACHINE



ALKALI WASHING MACHINE SUPPLIED TO  
M/S DONGWOO SURFACE TECH, CHENNAI.

## MACHINES UNDER MANUFACTURING



## SQF UNDER MANUFACTURING



## PIT FURNACE UNDER MANUFACTURING



## PIT FURNACE RETORT



## TEMPERING FURNACE UNDER MANUFACTURING



## SEALED QUENCH FURNACE – 600 KG CAP



SQF80 - 650KG

**M/S PRESIDENT ENGINEERING, GUJARATH.**

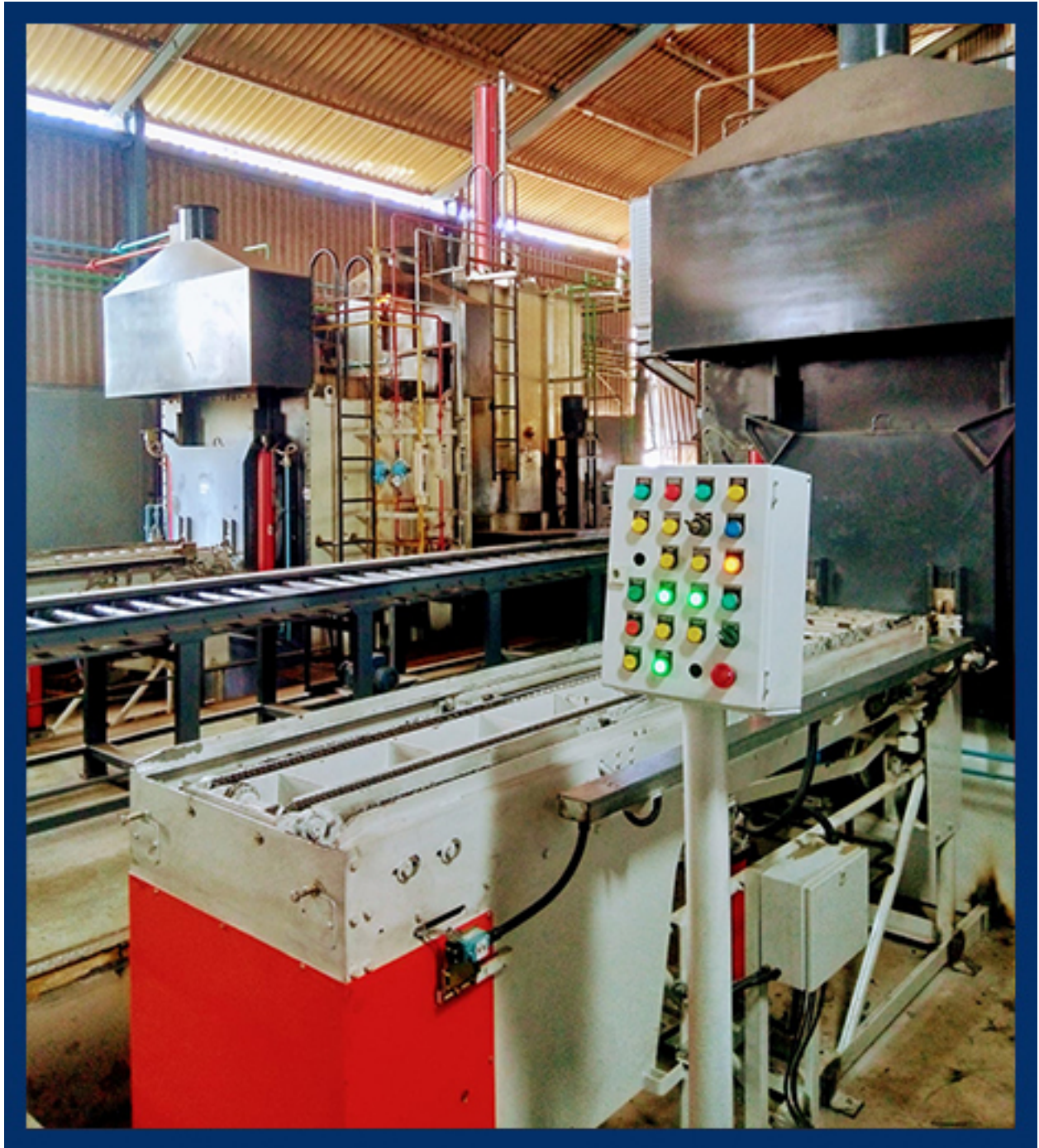
## SEALED QUENCH FURNACE – 600 KG CAP



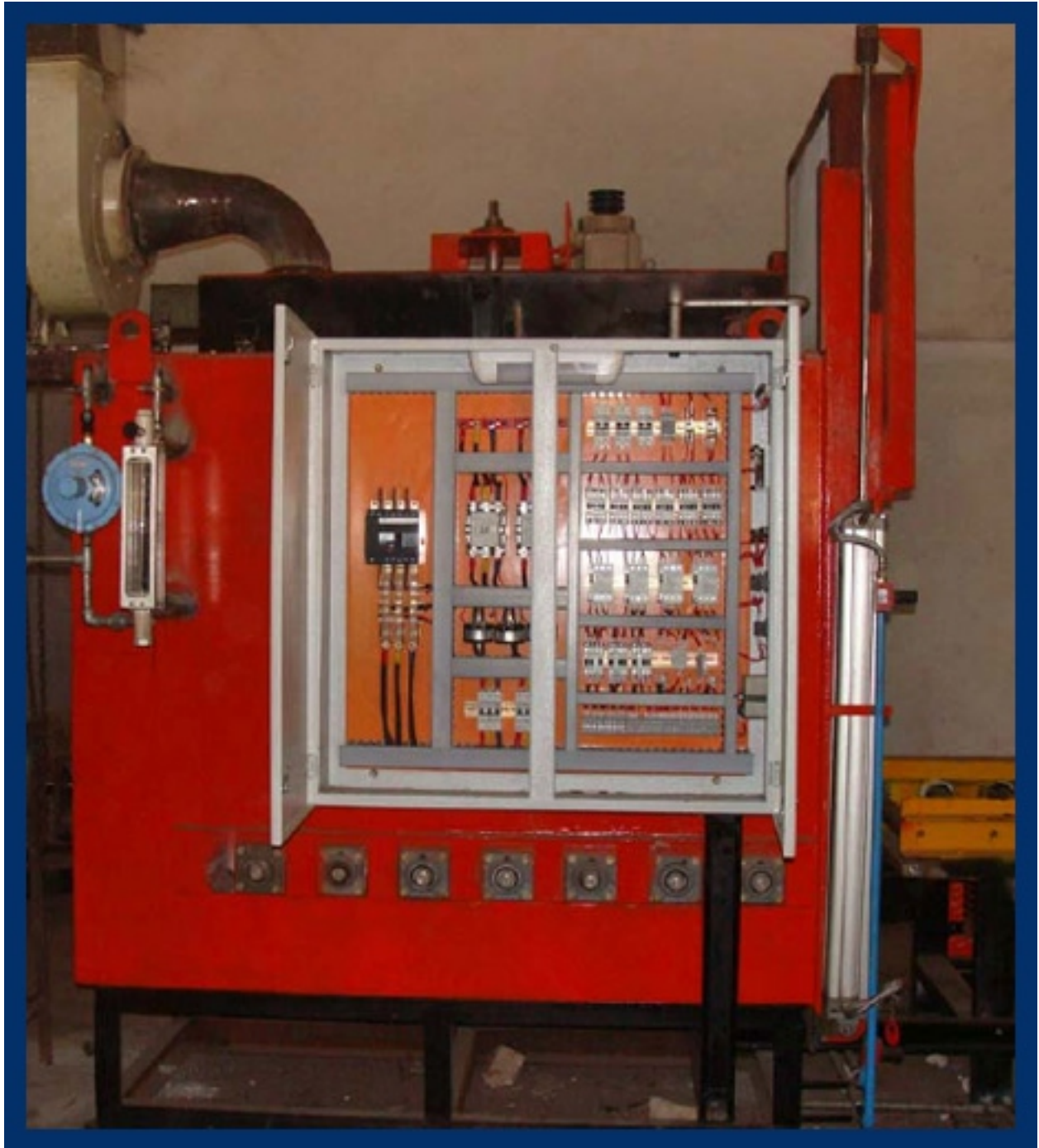
## TEMPERING FURNACE



## AUS TEMPERING FURNACE



## PRE-HEATING FURNACE- INTEGRAL ELECTRIC PANEL



## SQF ELECTRIC PANEL



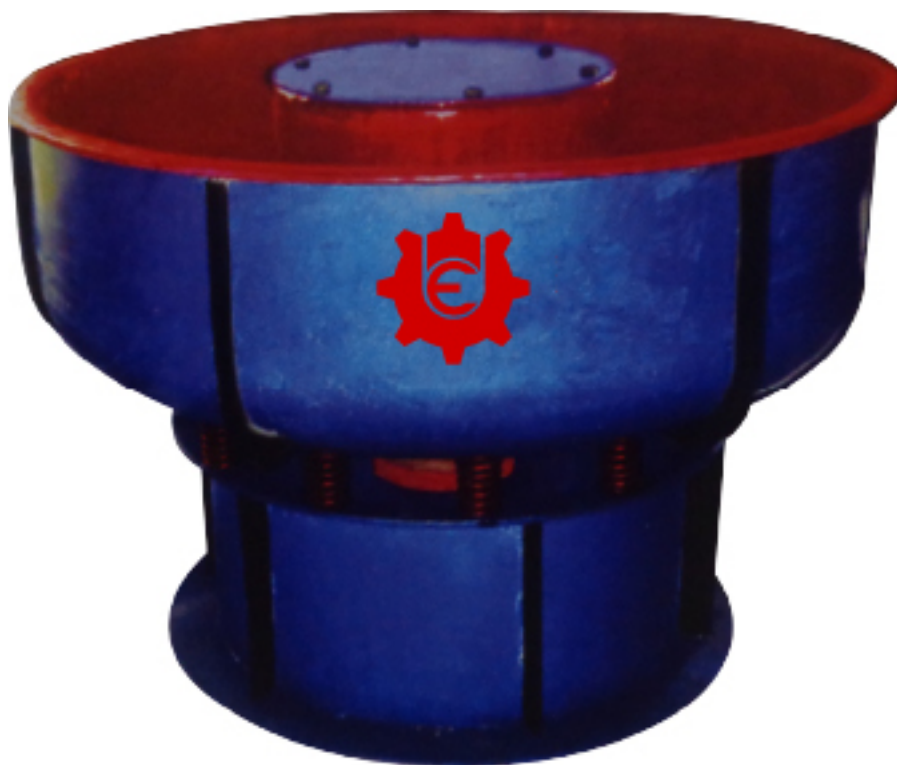
## SQF ELECTRIC PANEL



# **VIBRO FINISHING MACHINE**

## **Basic Features**

- Heavy duty flange/foot mounted imported vibratory motor
- Hot poured polyurethane lining with 12-15 mm average thickness with hardness of 75-80 shore for a long life
- Solid framed and stress relieved bowl with high quality fabrication prevents craking of bowl from the consistent vibratory action for long duration
- Reputed make electrical switchgear items are provided in the control panel
- Machine located on anti-vibration pads so that the vibration force will not transferred to the ground



## MEDIA AND COMPOUNDS

- The entire vibratory finishing process depends on the proper selection of media and chemical compound
- There are many types of media's are used in this process such as Ceramic, Plastic, Porcelin, Corn-cob, steel balls and walnut shell
- The chemical compounds also having major part in this process, for different materials, different chemicals are used



## **OUR VALUED CUSTOMERS**

- LOPAN METAL TREATMENT PVT. LTD.
- A S PRECISION GEARS PVT. LTD.
- RKB INDUCTION
- RAMSAYS CORPORATION PVT. LTD.
- PRESIDENT ENGINEERING WORKS
- METAL AUSTINIZERS PVT. LTD.
- UNI-CARB ENGINEERING
- A B CARTER INDIA PVT. LTD.
- HANU HEAT TREATERS
- DONGWOO SURFACETECH INDIA PVT. LTD.(HYUNDAI MOTORS HEAT TREATMENT PLANT)
- JMT AUTO LTD.
- DMW TECHNOLOGIES PVT. LTD.
- SHASHI BHARATH INDUSTRIES
- SURFACETECH INDUSTRIES
- SWATRA ENGINEERING PVT. LTD.