

Autotherm

Automatic Autoclaves, Furnaces & Process Plants

www.autotherm.co.in



Products Catalog

R.17.1

Manufacturers & Exporters of World Class Furnaces, Kilns, Ovens, Dryers & Process Plants

Company Profile



Company Profile :

We, **Autotherm** Brand, from **Albin Groupe** is a well known Brand in India & Abroad and reputed manufacturer & exporter of quality Automatic Autoclaves, Industrial Furnaces and Process Plants. Our product range includes all types of Thermal Processing Equipments like Furnaces- Heat Treatment/ Melting Special Process, Ovens, Dryers , Autoclaves and Steam Sterilizers, Boilers and Steam Generators, Kilns and Continuous Hardening and Tempering Plant and Custom Designed Continuous Process Plants.

Under guidance of our insightful, visionary and able mentor Mr. Albin Suresh, DME, BE, AMIE, an Design Engineer, having 16 years experience in Thermal, SPMs & Automation, we have been able to set a benchmark to achieve in the industry and crafted a niche for ourselves. Vast experience of our mentor and his expertise has also helped us fetch recognition and generate trust among our clients in market. Our Industrial Play on the Ground by our mentor Started in 2001 as a Freelancing Design Services and Repair Services engaging with various Sub-Contracting sources which earned much reputation from our customers from various parts of India and led him to start a own manufacturing facility in 2005.

Since the day of our inception in 2005, we have continuously marched ahead on the path of success and have always worked to design best models and manufacture finest products to offer complete satisfaction to our clients. Products offered by us are developed in accordance to ISO 9001: 2008 & ASME U Stamp (Sec.VIII, Div.1), IBR standards and meets the demands of all other international standards.

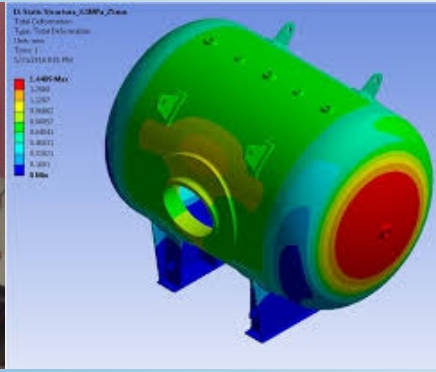
We have a well equipped manufacturing unit that has R&D and CAD / CAM facilities available in it and is supported by two state-of-the-art infrastructure that is spread in a vast area of 60,000 square feet with 12,000 sq.ft Covered Shed that have the ability to produce 50-100 units each per annum. In order to meet international quality standards, we have a team of highly experienced Engineers & Technicians of 180 peoples (30-Permanent &150- On Contract- Temporary). These people are responsible for conducting stringent quality tests at all stage of product development from Raw Material to Finished Goods. People working with us are self motivated and committed towards the Organization Goals and work in coordination to each other. For innovations to take place at our place, we also have employed a team of dedicated researchers (PhD. Scholars) and engineers who are passionate in researching and developing new products. We also have a specialized Team of Project Engineers who take care of all site activities like On-site Construction, Erection & Commissioning, and Product Trials.

We have well equipped facility for testing of Pressure Vessels upto 300Bar (30Mpa) and also having facility for instruments calibration & Testing with Traceability Certificate. All of our products & Accessories are Tested at Factory & Trials given as per scope to client prior to Dispatch and which are inspected, witnessed & approved by Third Party Inspectors. We also offer customized solutions of our products as per Customers' requirements and after sales service provided all over the world.

Facilities



Computerized R&D, Design Facility



Computerized Analysis & Validation



Computerized Project & Resource Management



Certified Welders & ASME (USA) U Stamp Certified Shop

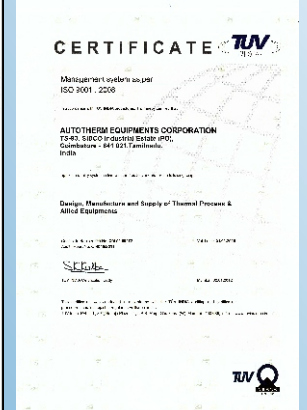
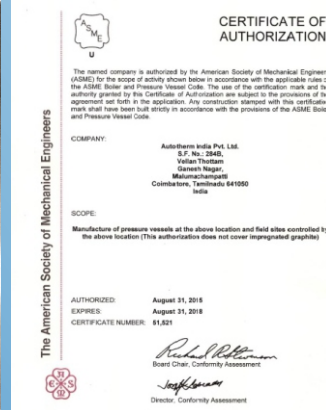
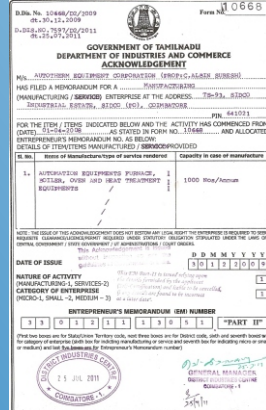
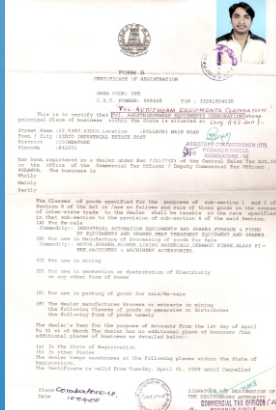
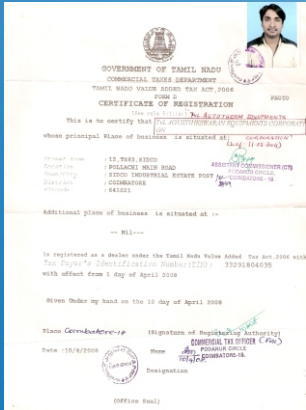


Stage by Stage Quality Inspection



Quality Handling, Packing & Dispatch

Certificates



Industry & Applications

- ❖ Aerospace & Defense
- ❖ Oil & Gas
- ❖ Oil Refinery
- ❖ Petrochemical
- ❖ Steel
- ❖ Foundry
- ❖ Alloys & Casting
- ❖ Heat Treatment
- ❖ Smelting
- ❖ Power
- ❖ Process
- ❖ Mining
- ❖ Minerals & Metals
- ❖ Scrap Recycling
- ❖ Rolling Mill
- ❖ Rubber & Composites
- ❖ Chemical
- ❖ Cement
- ❖ Construction
- ❖ Ceramic & Abrasives
- ❖ Refractory
- ❖ Glass
- ❖ Bricks & AAC Blocks
- ❖ Marine
- ❖ Automobile
- ❖ Tool & Die
- ❖ Pipes & Tubes- Extrusion
- ❖ Wires & Cables
- ❖ TMT Bars
- ❖ Ingot & Billets
- ❖ Medical & Pharmaceutical
- ❖ Food & Beverages
- ❖ Bakery
- ❖ Rice & Sugar
- ❖ Electrical & Power Transmission
- ❖ Manufacturing
- ❖ Painting & Powder Coating
- ❖ Plating & Galvanizing
- ❖ Waste Recycling
- ❖ Agriculture
- ❖ Fertilizer
- ❖ Wood
- ❖ Textile & Garments
- ❖ Dyeing & Pigments
- ❖ Coil & Fiber

Heat Treatment Furnaces

Features:

- » Sturdy Construction
- » Tailor Made Functions
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 TPH
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



**Continuous Hardening & Tempering Plants/
Continuous Heat Treatment Furnaces**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 TPH
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



**Automatic Rolling Mill /
Pusher Type Reheating Furnace**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 TPH
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



**Conveyor Furnace, Continuous Annealing Furnace,
Continuous Hardening Furnace**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 TPH
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



**Walking Beam Furnace
Roller Hearth Furnaces, Continuous Re-heating Furnaces**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 Tons
- » Fuel : Electrical / Oil/ Gas
- » PLC Control



**Bottom Quenching Furnace/ Shield Quench Furnace/
Integral Quench Furnace/ Drop Bottom Furnace**

Features:

- » Sturdy Construction
- » Durability
- » High Efficiency
- » Resistant to Corrosion
- » Low Maintenance
- » Capacity : 1 to 500 Tons
- » Fuel : Electrical / Oil/ Gas



**Bogie Hearth Furnaces / Movable Bogie Furnaces
Car Bottom Furnace / Pull Out Furnaces**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 0.01 to 5 Tons
- » Fuel : Electrical
- » SCADA Control



**High Vacuum Furnaces, HPGQ Ultra Vacuum Furnaces,
Vacuum Impregnation Plants**

Features:

- » Sturdy Construction
- » Simple Operation
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 Tons
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



GCF/ Salt Bath / Nitriding Bath/ Pit Pot Furnaces

Melting Furnaces & Process Plants

Features:

- » Sturdy Construction
- » Durability
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 0.1 to 100 Tons
- » Fuel : Electrical / Oil/ Gas
- » PLC Control



**Fixed Frame Melting Furnaces,
Melting &, Holding Furnaces, Ladle Heating Furnaces**

Features:

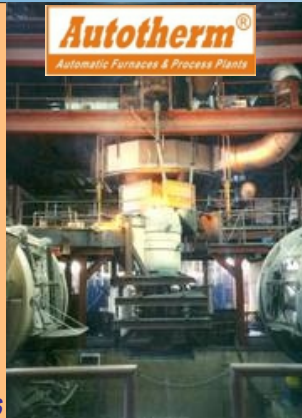
- » Sturdy Construction
- » Durability
- » High Efficiency
- » Resistant to Corrosion
- » Low Maintenance
- » Capacity : 0.1 to 500 Tons
- » Fuel : Electrical / Oil/ Gas



**Tilting Type Melting Furnace,
Reverberatory Melting Furnaces**

Features:

- » Sturdy Construction
- » Fully Automatic & Continuous
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 Tons
- » Fuel : Oil/ Gas
- » PLC Control



**Blast Furnaces, Cupola Blast Furnaces
Conventional / OxyBlast Cupola/ Cokeless Cupola Furnace**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 0.1 to 10 Tons
- » Fuel : Electrical
- » SCADA Control



**Induction Melting Furnaces, Induction Heat Treatment
Furnaces, Induction Reheating & Process Furnaces**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 TPH
- » Fuel : Electrical / Oil/ Gas
- » PLC Control



**Rotary Melting Furnace, Rotary Retort Furnaces,
Rotary Reverberatory Furnaces**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity: 10 to 1000TPH
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



**Continuous Casting Machines,
Continuous Billet & Ingot Making Plants**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 TPH
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



**Continuous Pre-Treatment/ Phosphating Plants &
Continuous Galvanizing / Plating Lines**

Features:

- » Sturdy Construction
- » Simple Operation
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 TPH
- » Fuel : Electrical / Diesel/ Gas
- » SCADA Control



**Continuous Enameling Furnaces,
Continuous Painting Lines, Cont. Powder Coating Plants**

Steel Plant & Process Furnaces

Features:

- » Sturdy Construction
- » Tailor Made Functions
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 MT
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



Electric Arc Furnaces

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 500 TPH
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



**Rotary Hearth Furnaces
Continuous DRI Furnaces**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100MT
- » Fuel : Oil/ Gas
- » SCADA Control



Basic Oxygen Furnaces (BOF)

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100MT
- » Fuel : Oil/ Gas
- » SCADA Control



Argon Oxygen De-carburization Furnaces (AOD)

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 Tons
- » Fuel : Electrical / Oil/ Gas
- » PLC Control



Ladle Furnaces, Ladle Pre-Heaters, Ladle Carts

Features:

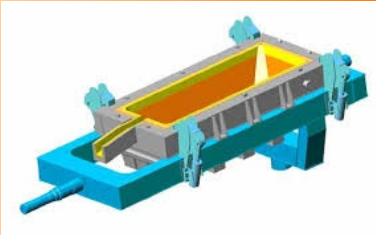
- » Sturdy Construction
- » Durability
- » High Efficiency
- » Resistant to Corrosion
- » Low Maintenance
- » Capacity : 1 to 500 Tons
- » Fuel : Electrical / Oil/ Gas



Lancing Furnaces

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 0.01 to 5 Tons
- » Fuel : Electrical
- » SCADA Control



Tundish Furnaces, Tundish Cars

Features:

- » Sturdy Construction
- » Continuous Operation
- » High Efficiency
- » Fully Programmable
- » Low Manpower & Maintenance
- » Capacity : 10 to 1000TPD
- » Fuel : Electrical / Oil/ Gas
- » Computerized Control & 5th Gen. Automation



Turnkey Steel Plants/ Melt Shops/ Foundry/ Rolling Mills

Sintering Furnaces & Incinerators

Features:

- » Sturdy Construction
- » Durability
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 0.1 to 100 TPH
- » Fuel : Electrical / Oil/ Gas
- » PLC Control



Continuous Sintering Furnaces

Features:

- » Sturdy Construction
- » Durability
- » High Efficiency
- » Resistant to Corrosion
- » Low Maintenance
- » Capacity : 0.1 to 500 Tons
- » Fuel : Electrical / Oil/ Gas



Batch type Sintering Furnaces

Features:

- » Sturdy Construction
- » Fully Automatic & Continuous
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 0.1 to 10 Tons
- » Fuel : Oil/ Gas
- » PLC Control



Vacuum Sintering Furnaces

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 Tons
- » Fuel : Electrical
- » SCADA Control



**Box Type Sintering Furnaces
Trolley Type Sintering Furnaces**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 Tons
- » Fuel : Electrical / Oil/ Gas
- » PLC Control



Industrial Incinerators

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity: 1 to 100 Tons
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



General/ Municipal Waste Incinerator

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 Tons
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



Bio-Waste/ Hospital Incinerator

Features:

- » Sturdy Construction
- » Simple Operation
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 0.1 to 10 TPH
- » Fuel : Electrical / Diesel/ Gas
- » SCADA Control



**Marine Incinerator
Home Incinerator**

Kilns

Features:

- » Sturdy Construction
- » Tailor Made Functions
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 500MT
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



**Chamber Kilns
DRI Kilns**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 500 TPH
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



Ceramic Kilns/ Brick Kilns

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100TPH
- » Fuel : Oil/ Gas
- » SCADA Control



Roller Kilns

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100TPH
- » Fuel : Oil/ Gas
- » SCADA Control



Rotary Kilns

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 Tons
- » Fuel : Electrical / Oil/ Gas
- » PLC Control



Automatic Tunnel Kiln, Continuous Kilns

Features:

- » Sturdy Construction
- » Durability
- » High Efficiency
- » Resistant to Corrosion
- » Low Maintenance
- » Capacity : 1 to 500 Tons
- » Fuel : Electrical / Oil/ Gas



Chain Kilns, Tile Kilns, Conveyor Kilns

Features:

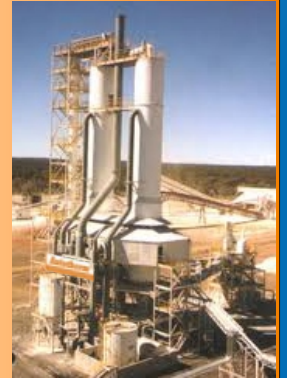
- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 0.01 to 5 Tons
- » Fuel : Electrical
- » SCADA Control



Grate Kilns

Features:

- » Sturdy Construction
- » Continuous Operation
- » High Efficiency
- » Fully Programmable
- » Low Manpower & Maintenance
- » Capacity : 10 to 1000TPD
- » Fuel : Electrical / Oil/ Gas
- » Computerized Control & 5th Gen. Automation



Shaft Kilns

Ovens

Features:

- » Sturdy Construction
- » Durability
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 0.1 to 100 Tons
- » Fuel : Electrical / Oil/ Gas
- » PLC Control



Box Oven, Chamber Oven

Features:

- » Sturdy Construction
- » Durability
- » High Efficiency
- » Resistant to Corrosion
- » Low Maintenance
- » Capacity : 0.1 to 100 Tons
- » Fuel : Electrical / Oil/ Gas



Tray Type Oven, Bakery Oven

Features:

- » Sturdy Construction
- » Fully Automatic & Continuous
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 Tons
- » Fuel : Oil/ Gas
- » PLC Control



Trolley Oven

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 0.1 to 10 Tons
- » Fuel : Electrical
- » SCADA Control



Tray Trolley Oven

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 1000 Tons
- » Fuel : Electrical / Oil/ Gas
- » PLC Control



Heavy Duty Bogie Hearth Oven, Baking Oven, Batch Type Powder Coating Oven, Paint Curing Oven

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity: 1 to 100 TPH
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



Belt Conveyor Oven

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 TPH
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



Bucket/ Tray Conveyor Ovens

Features:

- » Sturdy Construction
- » Simple Operation
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 TPH
- » Fuel : Electrical / Diesel/ Gas
- » SCADA Control



*Camel Back Ovens
Continuous Powder Coating Oven & Plants*

Dryers

Features:

- » Sturdy Construction
- » Tailor Made Functions
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 TPH
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



Conveyor Dryers

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 TPH
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



**Continuous InfraRed Dryers
Conveyor Paper / Corrugated Box Dryers**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100MT
- » Fuel : Oil/ Gas
- » SCADA Control



Chamber Dryers, Shelf Dryers

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100TPH
- » Fuel : Oil/ Gas
- » SCADA Control



**Rotary Dryers
Rotary Coolers**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 Tons
- » Fuel : Electrical / Oil/ Gas
- » PLC Control



Fluidized Bed Dryers

Features:

- » Sturdy Construction
- » Durability
- » High Efficiency
- » Resistant to Corrosion
- » Low Maintenance
- » Capacity : 1 to 100 TPH
- » Fuel : Electrical / Oil/ Gas



Flash Dryers

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 0.01 to 100 TPH
- » Fuel : Electrical
- » SCADA Control



Tower Dryers, Paddy Dryers

Features:

- » Sturdy Construction
- » Continuous Operation
- » High Efficiency
- » Fully Programmable
- » Low Manpower & Maintenance
- » Capacity : 1 to 100TPD
- » Fuel : Electrical / Oil/ Gas
- » Computerized Control & 5th Gen. Automation



Rotary Vacuum Dryers, Rotary Vacuum Paddle Dryer

Process Mills & Mixers

Features:

- » Sturdy Construction
- » Durability
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 0.1 to 100 Tons
- » Fuel : Electrical / Oil/ Gas
- » PLC Control



**Ball Mills
Ball Milling Furnaces**

Features:

- » Sturdy Construction
- » Durability
- » High Efficiency
- » Resistant to Corrosion
- » Low Maintenance
- » Capacity : 1 to 100 TPH
- » Fuel : Electrical / Oil/ Gas



**Jaw Crushers
Roller Mills, Gear Mills**

Features:

- » Sturdy Construction
- » Fully Automatic & Continuous
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 TPD
- » Fuel : Oil/ Gas
- » PLC Control



Blender Mills, Hammer Mills

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 0.1 to 100 Tons
- » Fuel : Electrical
- » SCADA Control



Pulverizers, Mincers

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 50TPH
- » Fuel : Electrical / Oil/ Gas
- » PLC Control



**Conveyors, Bucket/ Rotary Elevators, Skip Chargers
Vibrators, Vibrative Feeders**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity: 1 to 100 TPH
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



**Disc/ Drum Types Granulators,
Pelletizers, Mixers & Sceders**

Features:

- » Sturdy Construction
- » Fully Automatic
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 TPH
- » Fuel : Electrical / Oil/ Gas
- » SCADA Control



Washers & Cleaners - Batch or Continuous Type

Features:

- » Sturdy Construction
- » Simple Operation
- » High Efficiency
- » Fully Programmable
- » Low Maintenance
- » Capacity : 1 to 100 TPH
- » Fuel : Electrical / Diesel/ Gas
- » SCADA Control



**Custom Designed Process Mills,
Custom Designed Powdering & Chemical Plants**

Autoclaves & Sterilizers

Features:

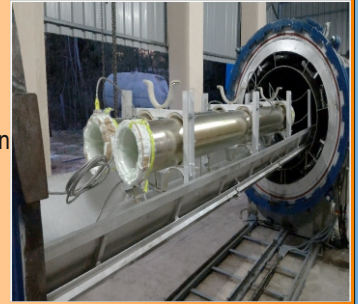
- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : 15 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



AeroClave Series
(For Aerospace & Defense Industry)

Features:

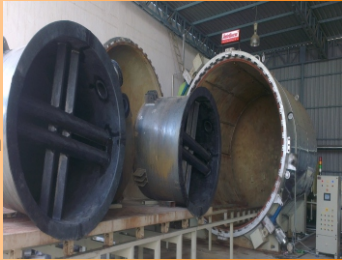
- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure :10 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



CompoClave Series
(For Composites Industry)

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : 6 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



RuboClave Series
(For Rubber Molding/ Rubber Lining/ Belt / Tyre Industry)

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : 20 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



RapidClave Series
(For Automobile Industry)

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : 30 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



HotoClave Series
(For General Purpose Hot Air Autoclaves)

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : 18 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



ConstroClave Series
(For Construction/ AAC Block/ Cement/ Industry)

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : 6 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



Texoclave
(For Textiles & Polymer Industry)

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : 6 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



Bioclave
(For Bio-Medical Waste/ Pharama Industry)

Autoclaves & Sterilizers

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : 300 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



ProClave Series

(For Special Purpose - Scientific & Research Industry)

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure :30 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



PoxoClave Series

(For Pressure Oxidation - Mining & Precious Metal Industry)

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : 10 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



ImpreClave Series

(For Wood/ Electrical/ Graphite/ Glass Industry)

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : 4 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



SteriClave Series

(For General Purpose Sterilizer- Medical/ Pharma/ Agro Industry)

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : 10 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



RotoClave Series

(For Rotary Autoclaves- Food/ Rubber/ Recycling/ Process)

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : 6 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



FoodoClave Series

(For Food & Beverages/ Bottling/ Packing Industry)

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : 12 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



WaxoClave

(For Dewaxing, Core Leaching- Foundry/ Mineral Industry)

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : 600 Bar
- » Capacity : 1 to 100 MT
- » Dia. : 1m to 8m
- » Fuel : Electrical / Oil/ Gas/ Steam
- » Computerized SCADA Control



HydroClave

(For Nuclear/ Research/ Scientific/ Aerospace Industry)

Steam Boilers / Hot Water Boilers / Thermic Fluid Heaters

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : Upto 20 Bar
- » Capacity : 1 to 20 MTPH
- » Dia. : 1m to 8m
- » Fuel : Wood/ Coal/ Solid Waste
- » Computerized SCADA Control



FirePack Series
- Solid Fuel Fired Package Boilers

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : Upto 20 Bar
- » Capacity : 1 to 20 MTPH
- » Dia. : 1m to 8m
- » Fuel : Wood/ Coal/ Solid Waste
- » Computerized SCADA Control



FlashPack Series
- Diesel/ Gas/ Furnace Oil/ Bio-Oil Fired Boilers

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : Upto 20 Bar
- » Capacity : 1 to 20 MTPH
- » Dia. : 1m to 8m
- » Fuel : Wood/ Coal/ Solid Waste
- » Computerized SCADA Control



SteamPlus Series
- Multi Fuel Fired Steam Generators

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : Upto 20 Bar
- » Capacity : 1 to 20 MTPH
- » Dia. : 1m to 8m
- » Fuel : Wood/ Coal/ Solid Waste
- » Computerized SCADA Control



ElectroPlus Series
- Electrical / Induction Fired Steam Boilers

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : Upto 20 Bar
- » Capacity : 1 to 20 MTPH
- » Steam Grade : Upto Super Heated
- » Fuel : Wood/ Coal/ Solid Waste
- » Computerized SCADA Control



GratoPlus Series
- Moving Grate Type Coal/ Solid Fuel Fired Boilers

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : Upto 20 Bar
- » Capacity : 1 to 20 MTPH
- » Temp. : Upto 450* C
- » Fuel : Wood/ Coal/ Solid Waste
- » Computerized SCADA Control



ThermoPlus Series
- Multi Fuel Fired Thermic Fluid Heaters/ Thermic Oil Boilers

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : Upto 20 Bar
- » Capacity : 1 to 20 MTPH
- » Dia. : 1m to 8m
- » Fuel : Wood/ Coal/ Solid Waste
- » Computerized SCADA Control



Hotowat Series
- Multi Purpose Multi Fuel Fired Hot Water Boilers

Features:

- » Industry Specific Functions
- » Designed to ASME Sec.VIII Div.1
- » 4 Layer Safety & Redundancy
- » Low Maintenance & Ease Operation
- » Fully Programmable
- » Design Pressure : Upto 20 Bar
- » Capacity : 1 to 20 MTPH
- » Dia. : 1m to 8m
- » Fuel : Wood/ Coal/ Solid Waste
- » Computerized SCADA Control



MiniStar Series
- General Purpose Baby Boilers

Pressure Vessels / Storage Vessels

Features:

- » Application Oriented Design
- » Designed to ASME Sec.VIII Div.1
- » 4 Level Safety
- » Art to Part Capability
- » In House Design & FEA Facility
- » Design Pressure : 300 Bar
- » Capacity : 1 to 1000 MT
- » Dia. : 1m to 8m
- » Inhouse HydroTest upto 650 Bar
- » Turkey Solutions with Complete Automation



High Pressure U Stamp Vessels
(For General Purpose- All Industry)

Features:

- » Application Oriented Design
- » Designed to ASME Sec.VIII Div.1
- » 4 Level Safety
- » Art to Part Capability
- » In House Design & FEA Facility
- » Design Pressure : 300 Bar
- » Capacity : 1 to 1000 MT
- » Dia. : 1m to 8m
- » Inhouse HydroTest upto 650 Bar
- » Turkey Solutions with Complete Automation



Reactor Vessels
(For Power / Nuclear/ Energy/ Oil& Gas Industry)

Features:

- » Application Oriented Design
- » Designed to ASME Sec.VIII Div.1
- » 4 Level Safety
- » Art to Part Capability
- » In House Design & FEA Facility
- » Design Pressure : 300 Bar
- » Capacity : 1 to 1000 MT
- » Dia. : 1m to 8m
- » Inhouse HydroTest upto 650 Bar
- » Turkey Solutions with Complete Automation



Oil Storage Tanks
(For General Purpose- All Industry)

Features:

- » Application Oriented Design
- » Designed to ASME Sec.VIII Div.1
- » 4 Level Safety
- » Art to Part Capability
- » In House Design & FEA Facility
- » Design Pressure : 300 Bar
- » Capacity : 1 to 1000 MT
- » Dia. : 1m to 8m
- » Inhouse HydroTest upto 650 Bar
- » Turkey Solutions with Complete Automation



Gas Storage Tanks
(For General Purpose- All Industry)

Features:

- » Application Oriented Design
- » Designed to ASME Sec.VIII Div.1
- » 4 Level Safety
- » Art to Part Capability
- » In House Design & FEA Facility
- » Design Pressure : 300 Bar
- » Capacity : 1 to 1000 MT
- » Dia. : 1m to 8m
- » Inhouse HydroTest upto 650 Bar
- » Turkey Solutions with Complete Automation



Chemical Storage & Reactor Vessels
(For General Purpose- All Industry)

Features:

- » Application Oriented Design
- » Designed to ASME Sec.VIII Div.1
- » 4 Level Safety
- » Art to Part Capability
- » In House Design & FEA Facility
- » Design Pressure : 300 Bar
- » Capacity : 1 to 1000 MT
- » Dia. : 1m to 8m
- » Inhouse HydroTest upto 650 Bar
- » Turkey Solutions with Complete Automation



Fermentor Vessels
(For General Purpose- All Industry)

Features:

- » Application Oriented Design
- » Designed to API 650
- » 4 Level Safety
- » Art to Part Capability
- » In House Design & FEA Facility
- » Design Pressure : 300 Bar
- » Capacity : 1 to 1000 MT
- » Dia. : 1m to 8m
- » Inhouse HydroTest upto 650 Bar
- » Turkey Solutions with Complete Automation



Silo/ Bunkers
(For General Purpose- All Industry)

Features:

- » Application Oriented Design
- » Designed to ASME Sec.VIII Div.1
- » 4 Level Safety
- » Art to Part Capability
- » In House Design & FEA Facility
- » Design Pressure : 300 Bar
- » Capacity : 1 to 1000 MT
- » Dia. : 1m to 8m
- » Inhouse HydroTest upto 650 Bar
- » Turkey Solutions with Complete Automation



Storage Vessels
(For General Purpose- All Industry)

Pollution Control Equipments

Features:

- » Sturdy Construction
- » Long Durability
- » High Efficiency
- » Fully Auto/ Semi-Auto Models
- » Low Maintenance
- » Capacity : 1 to 10K m3/Hr.
- » With Gas Analyzers
- » PLC / SCADA Control



Wet Scrubbers, Dry Scrubbers

Features:

- » Sturdy Construction
- » Long Durability
- » High Efficiency
- » Fully Auto/ Semi-Auto Models
- » Low Maintenance
- » Capacity : 1 to 10K m3/Hr.
- » With Gas Analyzers
- » PLC / SCADA Control



Electro Static Precipitator (ESP), Bag Filters & Cyclones, Heat Exchangers & Recuperators

Features:

- » Sturdy Construction
- » Long Durability
- » High Efficiency
- » Fully Auto/ Semi-Auto Models
- » Low Maintenance
- » Capacity : 1K to 100K LPH
- » With Gas Analyzers
- » PLC / SCADA Control



Effluent Treatment (ETP) Plants, Evaporation Filtration Plants, Sedimentation Plants

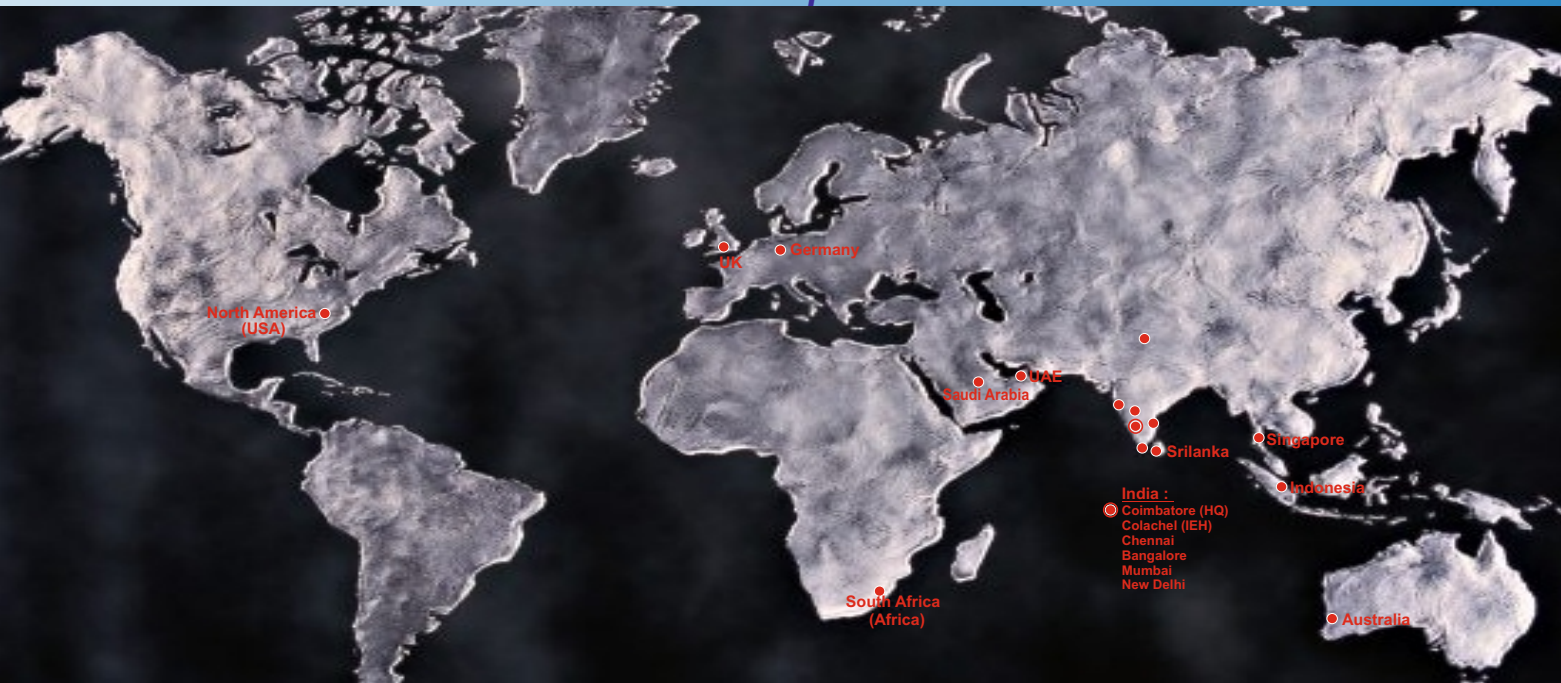
Features:

- » Sturdy Construction
- » Long Durability
- » High Efficiency
- » Fully Auto/ Semi-Auto Models
- » Low Maintenance
- » Capacity : 1K to 100K LPH
- » With Gas Analyzers
- » PLC / SCADA Control



Pressure Treatment Plants, Steam Treatment Plant, Smell Treatment Plants, Bacterial/ Waste Treatment Plants

World Wide Representations



Calibration of Furnace & Oven, Dryers, Boilers and Overall Plant Testing & Calibrations are undertaken

Autotherm

Automatic Autoclaves, Furnaces & Process Plants

Heart of Heating!

Contact Us:

Phone : +91 98 948 96 996,
TeleFax : +91 422 2610411
Mail to: autothermindia@gmail.com,
sales@autotherm.in
Visit Us : www.autotherm.in,
www.autotherm.co.in,
www.autothermequipments.com

Furnace & Structural Division Pressure Vessel Division

Autotherm Equipments Corporation
AEC Campus, TS-93,
SIDCO Indl. Estate, Coimbatore,
Tamil Nadu, India-641021.

Autotherm India Pvt. Ltd.
#284B, Vellian Thottam,
Ganesh Nager,
Malumichampatti, Coimbatore,
Tamil Nadu, India-641021.