

Company Profile

We, **Autotherm Group** is a reputed manufacturer and exporter of quality Automatic Autoclaves, Industrial Furnaces and Process Plants. Our product range includes all types of Thermal Processing Equipments like **Furnaces, 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**, 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 us 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 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 and quality analysts. These people are responsible for conducting stringent quality tests at all stage of product development.

In order to maintain flawless production, we have employed a **team of qualified and well versed professionals & Technicians of 100Nos.** in our 3 Units. People working with us are self motivated and committed towards the organization and work in coordination to each other. **For innovations to take place at our place**, we also have employed a team of dedicated researchers and engineers who are **passionate in researching** and developing new products.

On demand of our clients, we offer them with **samples of products** produced by us at reasonable cost for testing their quality. We also offer **customized solutions** of our products as per specifications and **after sales service facilities** to our clients.

Basic Information :

Business Type	<ul style="list-style-type: none"> • Designer and R&D Support Provider • Manufacturer & Exporter • Service Provider
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Ownership & Capital :

Year of Establishment :	2005
Ownership Type :	Private Limited Company -1No., Proprietorship -1No., Partnership-1No.

Trade & Market :

Annual Turnover:	INR.5-10 Crores (or US\$ 1- 1.5 Mn Approx.)
Export Percentage:	60-70%

Quality & Certification :

Trade Memberships	We are member of COSIMA, CODISSIA, SIEA, EEPC, FICCI and CII.
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Team & Staff :

Total Number of Employees	25 to 50 People (Confirmed) 70 to 100 People (Temporary/ SubCon)
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Company USP :

Primary Competitive Advantage:	Good Financial Position & TQM, Large Production Capacity
Quality Measures/Testing Facilities	QMS- ISO9001:2008/ In-House QA/ ASME 'U' STAMP

Packaging/Payment and Shipment Details :

Payment Mode :	DD / Cheque (At Par) - for Local ; TT/ LC - for Exports
Shipment Mode :	Road - for Local ; Sea/ Air - for Exports
Payment Terms :	60% Advance & 40% Against Delivery - for Local 60% Advance by TT & 40% against Final/ Third Party Inspection by TT or LC - for Exports
Shipping Terms :	All Ex-Works, Coimbatore- for Local ; FOB- Chennai Port (or) CIF on Special Request- for Exports

Our Brands & Products :

We have specialized brands for broad spectrum of 163 products for different kind of industries, which are :

- **Brand-1 : Autotherm**



Pressure Parts & Equipments	
Automatic Autoclaves (For 16 Kind of Industries), Steam Boilers , Hot Water Boilers, Hot Air Generators, Steam Generators, Calorifiers, Heat Exchangers, ASME-USA Approved U Stamped Pressure Vessels, Containers, Bio Gas/ Bio Mass Plants, Energy Projects & Turnkey Supplies, Oil & Gas Turnkey Supplies.	
Continuous Process Plants	
Continuous Furnaces, Continuous Hardening & Tempering Plants, Continuous Casting Plants, Continuous Rolling Mills, Continuous Heat Treatment Plants, Continuous Powder Coating Plants, Continuous (Hot Dip & Cold) Galvanizing & Plating Plants, Continuous Pre Treatment Plants, Custom Built Continuous Process Plants	
Vacuum Furnaces & Systems	
Fully Automatic Computerized High Vacuum Heat Treatment Furnaces, Vacuum Melting Furnaces, Vacuum Brazing Furnaces, CVD Coating Furnaces, Vacuum Impregnation Plants, Vacuum Ovens, Vacuum Dryers, Industrial vacuum Units, Custom Built Vacuum Systems	
Heat Treatment Furnaces	
Custom Built Computerized Heat Treatment Furnaces / Plants	Continuous Annealing / Hardening Conveyor Furnaces
Bogie Hearth / Car Bottom/ Pull Out Furnaces	Walking Beam Furnaces, Rotary Multi-Hearth Furnaces, Rotary Annealing/ Hardening Furnaces
Bottom Quenching Furnace / Drop Bottom Furnaces	High/ Ultra High Vacuum Furnaces (Horizontal/ Vertical/ Pit Type) & Vacuum Impregnation Plants
Pusher Type Reheating / Heat Treatment Furnaces, Induction Reheating/ Heat Treatment Furnaces	Gas Carburizing / Salt Bath / Pit Pot (Tempering/ Annealing) Furnaces, Shaft Furnaces, Shaker Hearth Furnaces
Melting Furnaces & Process Plants	
Fixed Frame Melting Furnaces	Induction Melting Furnaces
Tilting Type Melting Furnaces	Rotary Melting Furnaces / Kilns
Conventional / Cokeless Cupola Furnace	Continuous Casting & Rolling Mills / Re- Rolling Mills
Continuous DRI Plants & Steel Plants with Blast Furnaces/ Cupola Furnaces/ Rotary Kilns, BOF & AODs on turnkey basis	Continuous Phosphating/ Pre-treatment, Painting & Powder Coating Plant

Ovens & Dryers	
Hot Air Ovens / Baking Ovens, Drying Ovens, Powder Coating Ovens	Rotary Dryers (Single/ Double/ Triple Pass), Rotary Vacuum Dryers, Rotary Mixers, Rotary Sieving Plants, Rotary/ Vertical Centrifuges, Continuous Rotary Drying & Sieving Plants, Rotary Process Equipments
Continuous / Conveyor Ovens & Dryers	Fluidised Bed Dryers, Flash Dryers,
Pollution Control Equipments	
Fume Extraction Units, Wet Scrubbers & Dry Scrubbers, Bag Filters	ESPs, ETP Plants, Chimneys
Spares	
Burners, Heaters	Control Valves & Fittings
Blowers	Automation Units -PLC/ Servo/ Drives/Panel
Insulation Materials & Gaskets	Control Pipes/ Steam Pipes / Air Ducts

Brand-2 : Automill



Continuous Powdering Mills, Continuous Crushing & Sieving Plants, Continuous Coal Pulverizing & Handling Plants, Continuous Coconut Shell Powdering Plants, Continuous Ash Handling Plants, Limestone Crushing & Powdering Plants, Lime Hydration Plants

Brand-3 : Autotron



Turnkey Industrial Automation Projects, Automated Manufacturing Units, Automated Process Plants, Special Purpose Machines, Automation Components- SCADA/ PLC/HMI/SERVO/DRIVES Supply & Installation, Instruments & Valves Supply & Installation, Factory/ Plant Automation & Consultation.

Brand-3 : ThermalPower



Thermal Projects, Power Plant Accessories & Spares, Power Plant / Steel Plant/ Refinery Commissioning Projects, On-Site Boilers & Pressure/ Storage Vessel Building, Boiler Commissioning, Boiler & Plant Piping & Integration, HVAC Projects, EPC Projects, Custom Designed Process Plants.

Alabb:



Laboratory, Scientific, R&D Equipments, Testing & Calibrations

Our Services (Repair /AMC/ Testing & Calibrations):

Retrofitting of All kind of Above Products	Boilers/ Autoclaves Pressure Piping, Fuel Handling & Control Piping
Servicing and Reconditioning of Furnaces, Ovens, Dryers, Boilers & Autoclaves	HVAC Ducting Services
Servicing / Replacing of Burners, Heaters, Thermocouples, Temperature/ Pressure Sensors & Controllers, Drives, PLCs, SCADA Controllers & Control Panels	Periodic Testing & Calibration Services (On site / In House)
Insulation / Re-insulation for All kind of Above Products	Plant/ Equipment AMCs (Annual maintenance Contract) with 4 Preventive Maintenance visits + 3 Breakdown Maintenance visits for reasonable prices

Group Companies :

- Autotherm India Pvt. Ltd., Coimbatore, India.
- Autotherm Equipment Corporation, Coimbatore, India.
- Autotherm Engineering, Coimbatore, India.

- Albin Exports, Coimbatore, India.
- Thermal Power Engineers, Kanyakumari, India.

Research and Development :

We have the most experienced team of professionals who stringently conducts various **surveys and intensive researches**. Our special research team is equipped with the latest scientific technologies to **provide new and innovative methods** to enhance the quality and essence of the products. And we also send them in various parts of India and abroad for training programs in various developments of the latest technologies in the international business scenario. With progressive and cooperative teamwork in all the hierarchies, our services and products are in tune with the latest technologies and market trends. We do have & R&D projects on hands in which 2 of those are our customers' one and 5 of them are our own projects.

Quality Assurance :

It is our top most priority to provide our products with **the finest quality in all aspects to the World Class Quality** by Authorized Body of **QMS-ISO9001:2008**. Our all Pressure parts are **ASME U Stamped and Witnessed & Authorized ASME Authorized Inspector**. In order to fulfil this, our highly experienced team of professionals is equipped with the latest scientific technologies and does **regular surveillance** of the products in all respect as required. To ensure that our products are flawless and with compliance to the **international standard**, these products are checked and tested on every level in the production process. Not only this, we use the **finest quality raw materials**, which are procured from the **certified and trusted vendors**. Our wide ranges of products have been tested and checked on the following parameters:

- Durability
- Resistant to Power
- Strength
- Operation

Our Mentor and Our Workforce :

Our company was incepted by Mr. Albin Suresh who has done DME, BE, AMIE, DCA, DAE. He has extensive experience of 15 years in the same sphere. He was conferred on Best Design Engineer Award 2004, Singapore for his great contribution in the field.

Under his insightful guidance, adept workforce of professionals are outperforming in their respective field. We have emerged as budding manufacturer of the industrial furnaces, powder coating oven, industrial powder coating oven and dryers. They have in-depth expertise in manufacturing of the equipments. Their effort is towards manufacturing entire range with new features incorporating advance and latest technologies. Our workforce comprises of Managers, engineers, technicians, machine operators, Project Executives, marketing executives, after sales support executives and semi-skilled and unskilled workers.

Infrastructure & Facilities :

Established with the aim to provide the best products in the global market, we have well organized **two state-of-the-art infrastructures** for manufacturing and processing. A lone manufacturing infrastructure, which spreads **over 12000 square feet (Unit-I), 43000 square feet (Unit-II)**, can produce 100 units of Ovens & Furnaces, 15-20 Autoclaves & Boilers in a single instalment. To keep the pace, our **in-house design unit** shores up our infrastructure in various aspects. Equipped with the **latest scientific technologies and modern facilities**, our infrastructure is managed and run by the team of talented and creative designers. Following are some of the unique machines and processes:

- Bending Machine - 1No.

- › Rolling Machine (Until 40mm Thick) - 1No. *
- › Hydraulic Press (100Ton) - 1No.*
- › Hydraulic Press (1000Ton.) - 1No. *
- › Vertical Turret Lathe (VTL - 2000mm) - 1No.*
- › Vertical Turret Lathe (VTL - 3500mm) - 1No.*
- › Welding Machine: TIG - 3 Sets.
- › Welding Machine: MIG - 4 Sets.
- › Welding Machine: Arc - 12 Sets.
- › Gas Cutting Machine : Oxy-Fuel- 5Sets., Plasma - 1Set.
- › Tool Grinding Machine -1 No.
- › Hand Grinding Machine - 14Nos.
- › Drilling Machine -2Nos.
- › Hand Drilling Machine - 2Nos.
- › Welding Accessories - 12 Sets.
- › Panel Board Assembling & Testing - 3Sets.
- › Pneumatic Pressure Testing Facility - 5Kg/Cm2 max.
- › Hydrostatic Pressure Testing Facility - 100Kg/Cm2 max.
- › Temperature Calibration Facility - 2200°C Max.
- › Heat Treatment Facility*
- › Powder Coating Facility*
- › PC Based PLC Programming Facility
- › PC Based onsite Trouble Shooting Facility

(* Under Subcon)

Industries Catered To :

We have a wide spread network of clients in different corners of the world. Our **expertise and ability to design** products of highest efficiency has enabled us to cultivate trust among our clients and win appreciations.

Products offered by us are brought into applications by:

Aerospace & Defence	Oil & Refinery Plants	Manufacturing Industries
Foundries/ Castings & Alloys Industry	Process & Chemical Industry	Automobile Industry
Heat Treatment	Fertilizer Plants	Mining Industry
Steel Plants	Agriculture & Wood Industries	Wires & Cables Plants
Ingot Making Plants	Glass Industry	Painting , Coating, Galvanizing & Plating
Scrap Recycling plants	Refractory & Ceramics Industry	Food & Beverages Plant
Power Plants	Semi-Conductor Industry	Cement Plants
Rolling / Re-Rolling Mills	Brick industries	Gold, Aluminium, Copper, Brass & Special Metal Industry
Tubes & Pipes / Extrusion Plants	Construction Industry	Waste Recycling & Management Industry

Our products and services are available in countries like:

- | | |
|----------------|-------------|
| › India | › USA |
| › Singapore | › UK |
| › Malaysia | › Australia |
| › UAE | › Germany |
| › South Africa | › Taiwan |
| › Sri Lanka | › Korea |
| › Indonesia | › China |
| › Saudi Arabia | › Canada |
| › Egypt | › Germany |
| › Iran | › Brazil |

Client Satisfaction

In very early years of our establishment, we were able to understand the fact that our **willingness to be in the market and serve the clients** was being fulfilled just because we were able to satisfy our clients. In order to deliver best products and win trust of our clients, **we incorporate our creative energy with the zeal to work**. We have also managed ethical and transparent business norms to help our clients know us better and establish a lifelong relationship.

Why Us?

We are equipped with the **most advanced scientific technologies** to ensure that our products are of the **best quality** and **highly efficient**. Owing to our progressive and collective team work, we are able to fulfil our esteemed clients' requirements with **safe and timely delivery** of our products.

Some of the reasons how we have become the leader in the global market:

- › Quality Managed Production
 - › Complete Custom Design and Support
 - › Excellent after sale services
 - › Timely delivery
 - › Industry leading prices
 - › Prompt execution
 - › Total customer satisfaction
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Team

We are supported by a team of highly skilled and well experienced professionals who are guided forward by our mentor **Mr. Albin Suresh**, CEO of the Company. Professionals working with us are dedicated, who come together to work in coordination with each other from varied backgrounds. To deliver the **best of their creative energy and help to company in marching ahead**, we have employed a team of efficient R&D personals. To maintain quality standards of our products manufactured by us, the quality engineers working with us conduct stringent tests of the products at each stage of development.

Our Vision :

We are continuously focusing to make this world **AUTOMATIC**, which means less effort of Man Power instead more effort of Machine Power and is especially for in Thermal/ Process application where it is having very tough and risky of working environment for Human Being. We deliver our Technologies to the world by our Continuous Research & Development and hence to increase output quality of Life, increase healthy working environment & green eco system, reduce accidents, reduce fatigue and save the Human Beings since we believe in :

"NOTHING WORTH MORE THAN OUR LIFE"