

## Energy and Environment Solutions for Sustainable Growth



- Presence in 86 Countries

- 28 Subsidiaries

- 14 Manufacturing Facilities  
10 in India & 4 Overseas

# Our Vision

To be a globally respected high performance organisation offering sustainable solutions in energy and the environment

## Conserving Resources. Preserving the Future.

Thermax provides systems and solutions in the critical domains of energy and environment. The products and services developed by Thermax help industry achieve better resource productivity and improved bottom lines while maintaining a cleaner environment. The company's vision for the future is firmly anchored in the belief that to stay competitive; business houses need to adopt sustainable practices. Thermax portfolio covers heating, cooling, water and waste management, and specialty chemicals. The company also designs, builds and commissions large boilers for steam and power generation, turnkey power plants, waste-to-energy systems and air pollution control projects.

## Our Core Business

### ENERGY SECTOR



#### Heating

- Boilers & Fired Heaters
  - Solid fuel, agro waste, biomass fired boilers upto 1000 TPH
  - Waste to Energy boilers upto 500 TPH
  - Oil & gas fired boilers upto 500 TPH
- Steam boilers
- Thermal oil heaters & vapourisers
- Hot water generators
- Hot air generators
- High pressure boilers
- Heat recovery systems
- Energy plants
- Solar thermal systems



#### Cooling

- Absorption Cooling and Heating
  - Vapour Absorption Chillers
  - Heat Pumps
  - Hybrid Chillers
  - Chiller-Heaters
  - Heat Transformers
- Process Cooling
  - Wet Cooling Solutions
  - Evaporative Condensers
  - Closed Loop Cooling Towers
  - Adiabatic Coolers
- Dry Cooling Solutions
  - Dry Coolers
  - Radiators
  - Air Cooled Condensers
  - Air Cooled Heat Exchangers



#### Power Generation

- Turnkey power plants of single unit up to 300 MW
- Complete BOP for power plants up to 1200 MW
- Turnkey solutions for gas fired power plants
- Waste heat recovery based power in cement, iron & steel industries
- Integrated sustainable solutions for green power



#### Renewable Energy

- Solar thermal hybrid systems for cooling and heating
- Solar concentrators
- Solar photovoltaic systems

### ENVIRONMENT SECTOR



#### Air Pollution Control

##### Air pollution control

- Electrostatic precipitators
- Bagfilters
- Particulate scrubbers
- Gaseous scrubbers
- Combofilter
- Thermax modular gas cooler



#### Water & Waste Solutions

##### Water and wastewater treatment

- Water treatment solutions
- Wastewater treatment solutions
- Standard plants/ products



### CHEMICAL SECTOR

- Ion Exchange resins
- Water & fuel treatment chemicals
- Oil field chemicals
- Paper & pulp chemicals
- Construction chemicals



# Reliable Support for Industry

With integrated energy-environment expertise and a proven track record in global markets, Thermax is the preferred partner of enterprises across industrial sectors.



## Automobile

- Toyota Motors
- Hyundai Motors
- Honda Cars & Scooters



## Cement

- Ultratech Cements Ltd.
- Holcim
- Lafarge



## Chemicals

- Colgate Palmolive
- Dupont
- Unilever Group



## EPC Majors

- Technip
- Samsun
- Hyundai Engineering Co. Ltd.



## Edible Oil

- Patun Vegetable Oil
- Sulzer
- Adani



## Consultants

- Jacobs
- Aker Kvaerner
- Toyo Engineering



## Food

- Kuiburi Fruit Canning
- Coke
- Nestle



## Oil & Gas

- ELF Petroleum/Petrofac
- ONGC
- Total Group



## Hospitality

- Marriot
- Le-Meridien
- Taj Group



## Tyres

- MRF
- Goodyear
- Bridgestone



## Paper & Pulp

- Phoenix Pulp & Paper,
- ITC
- West Coast Paper Mills Ltd.



## Pharmaceuticals

- Pfizer
- Glaxo Smithkline
- Lupin Ltd.



## Power

- Reliance Infrastructure
- BHEL
- Essar Power Ltd.



## Petrochemicals

- Reliance Industries Ltd.
- Castrol
- SABIC



## Textile

- Raymonds
- Arvind Mills
- Welspun



## Sugar

- Balrampur Chini Mills Ltd.
- Bannari Amman Sugars Ltd.
- Universal Robina Corp Sugar



## Space Heating

- Indian Army
- City Administration, Krasnayaminsk
- Karstad



## Steel

- SAIL
- Tata Steel Limited
- JSW Group



## Tank Farm Heating

- VOPAK
- Sharjah Oil
- Nestle Oil

# Our Global Footprint



## Head Office

- India



## Manufacturing Units

- India
- Denmark
- Poland
- Germany
- Indonesia



## International Subsidiaries, Sales & Service

- |              |               |                |           |
|--------------|---------------|----------------|-----------|
| • Bangladesh | • Senegal     | • Nigeria      | • U.K.    |
| • Brazil     | • Hong Kong   | • Philippines  | • U.S.A.  |
| • China      | • Indonesia   | • Poland       | • UAE     |
| • Denmark    | • Kenya       | • Russia       | • Vietnam |
| • Egypt      | • Malaysia    | • Saudi Arabia | • Zambia  |
| • Germany    | • Myanmar     | • Sri Lanka    |           |
| • India      | • Mauritius   | • Singapore    |           |
| • Mexico     | • Netherlands | • Thailand     |           |



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**THERMAX**

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