



Energy Systech is known in the market as a solution provider in the areas of Non-Ferrous Metal Melting and Heat Treatment. These solutions are provided against a background of numerous choices of energy sources and their dynamic pricing and availability. Energy Systech is backed by a team of qualified technocrats with over 20 years experience in the field of Heating systems and product

building. The firm has powerful in-house design and innovation capabilities. It has a superb manufacturing facility in the core industrial area of Pune. Energy Systech has been very successful in utilizing these strengths towards building efficient and reliable products for the industry. These products, backed by a pleasant service support have been well received by the industry.

Fuel-fired Melting Furnaces

Standard Melting Furnaces

- Tilting and Bate-out Option
- Customized to suit any fuel Oil or Gas
- Low Fuel Consumption
- Smooth, Jerkless Tilting Operation
- Clean Surroundings
- Long Crucible Life
- Long Refractory Life



“focusing on your specific needs”



“a standard of recognition quality”



“Cleanburn” Melting-cum-Holding Furnaces

- Extraordinarily clean combustion of LPG or Diesel
- Invisible Exhaust
- Ceramic Fibre Lining resulting in Quick Start-up
- Heat Recovery from Exhaust for Preheating Ingots
- Very Low Fuel Consumption
- Flue Gases do not contact Melt
- Low Hydrogen Pick-up
- Excellent Melt Temperature Control using Continuous Dip Thermocouple

Electrical Furnaces



Electrical Melting-cum-Holding Furnaces

- Ceramic Fibre Lining resulting in Quick Start-up
- Unbelievably Low Energy Consumption (Typically 0.4 - 0.5 Units per kg Melt at 730 deg C)
- Cleanest possible Metal Quality
- Excellent Melt Temperature Control using Continuous Dip Thermocouple
- Lowest Melt Losses
- Improved Layout, Safe Operation

“providing effective solutions”

Electrical Holding Furnace

- Ceramic Fibre Lining resulting in Quick Start-up
- Unbelievably Low Energy Consumption (Typically 240 Units in 24 hrs)
- Very Low Connected Load
- Cleanest possible Metal Quality
- Excellent Melt Temperature Control



Heat Treatment Furnaces



Solution Annealing Furnaces And Precipitation Hardening Furnaces for Aluminium



Box-type Heat Treatment Furnaces



Bloom Burners for Primary Steel and Aluminium Industry

“an invaluable team of qualified technocrats”



Continuous Tempering Furnace (Sandvik Asia)



Controlled Atmosphere Continuous Annealing Furnace (Rashmi Heaters Pvt. Ltd., MTS Racold Ltd.)



Vacuum Tempering Furnace (Ionbond)

Pit-type Controlled Atmosphere Furnace (Truthread)



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Aluminium Furnaces