

SHANTI THERM
THERMIC FLUID HEATERS

Name that reflects

TRUST

Product that ensures

PERFORMANCE

Service that gives

EFFICIENCY



Shanti

Boilers & Pressure Vessels (P) Ltd.
An ISO 9001 Company

A Trusted Name in Heating Systems for over 30 Years

SHANTI-THERM is a forced circulation Thermic fluid Heater. Hot oil is circulated through a pump to the process and the same oil returns to the heater for reheating and recirculation.

SHANTI-THERM is manufactured as per latest technology to ensure maximum thermal combustion efficiency. The furnace is appropriately designed to enable you to handle poorer heat value fuel like Rice- Husk Saw Dust, GN Shell etc. and the higher heat flux ensures better heat transfer.

SHANTI-THERM has Valves and controls which are designed for smooth and safe operations.

Construction

SHANTI-THERM is constructed with a Heater assembly which consists of concentric helical coils housed in a sturdy shell. Coils are manufactured out of BS: 3059-68/PART-I/CEW/ST -33 which are tested to 1000 PSI. The plates are cut to close tolerance on automatic flame cutting machines, and are welded as per standard codes.

External Furnace

Horizontal designs come with external furnace facilitating larger Grate area & Furnace volume. This design is ideal for MULTI-FUEL firing where any type of fuel like Coal, Wood, Lignite, Bagasse, Sawdust, GN Shell, Rice husk etc., can be used as fuel.

Design

SHANTI-THERM is designed and engineered with advance technology in heat transfer which ensures optimum efficiency with reasonably low fuel consumption

Range

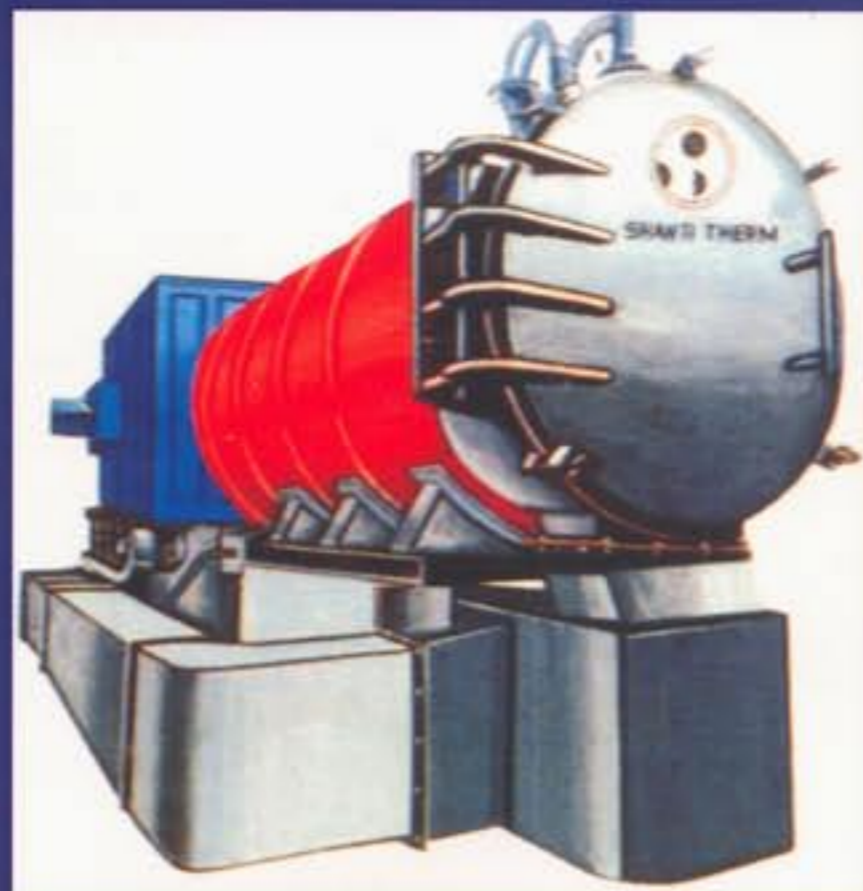
SHANTI-THERM is available in Horizontal and Vertical models in wide ranges from 50,000 Kcal/hr to 30 lakh Kcal/hr, it is most suitable for fuels like : Oil, coal, Wood Husk and other Agro wastes

Application

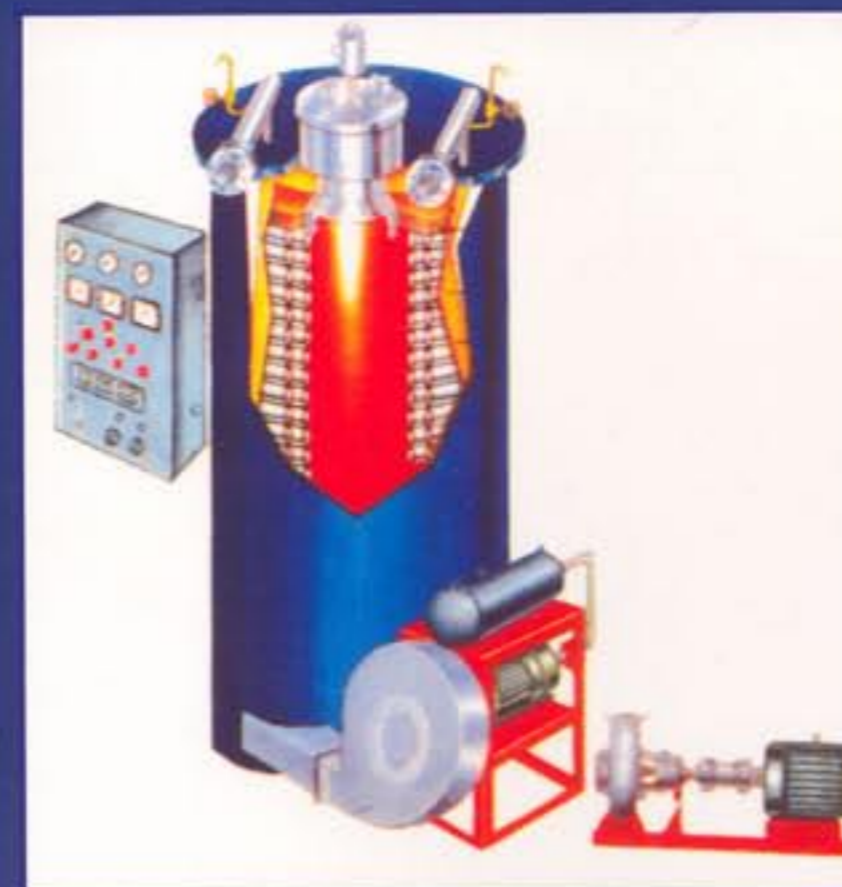
Ideal for processes which require high temperatures. Most suitable for Drugs, Pharmaceuticals, Chemicals, Textiles, plywood, Food Processing, Dairy Tannery, Solvent Extraction etc.

Services

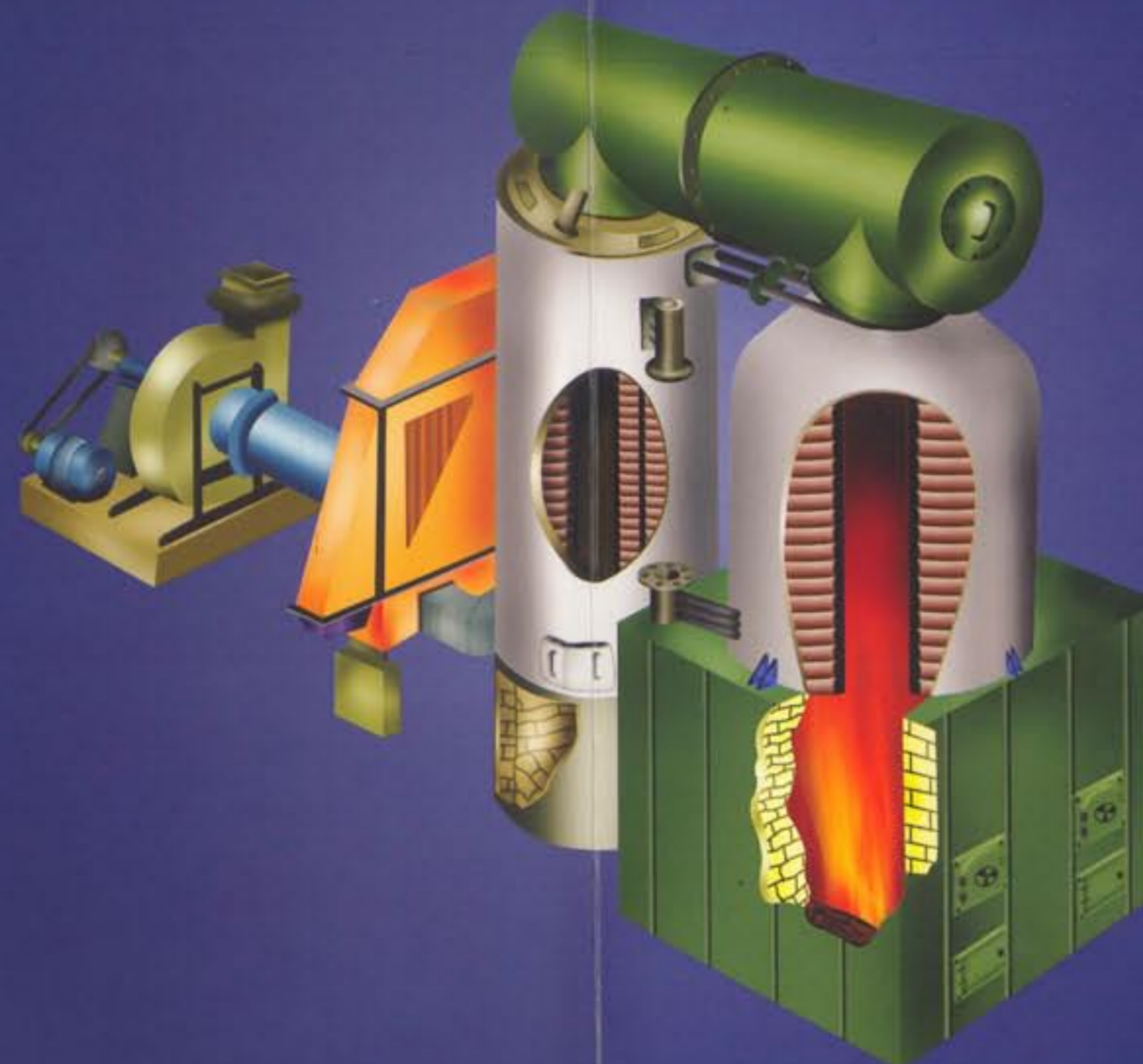
All this is backed by prompt and efficient after Sales Service by most experienced and specially trained engineers.



Horizontal Coal / Wood / Husk Fired Thermic Fluid Heaters



Vertical Oil Fired Thermic Fluid Heater



Vertical Coal / Wood Fired Thermic Fluid Heaters



ISO 9001 Certified

Salient Features

- Fully automatic.
- High thermal efficiency
- High combustion efficiency
- Air pre-heater provided for higher efficiency
- Temperature as high as 300°C
- No corrosion or scaling
- Flame monitoring sensor provided
- Negligible maintenance downtime
- Prompt pre & after sales service





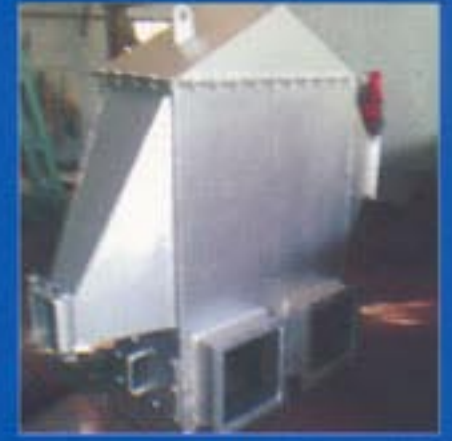
Laboratory Testing



X-Ray Quality Weld



High Temperature Tubes



Air-Pre Heater

OUR OTHER PRODUCTS

IBR STEAM BOILERS

SIB BOILERS

FBC BOILERS

HOT WATER GENERATORS

DUST COLLECTORS

BLOWERS

HOT AIR GENERATORS

HEAT EXCHANGER

PRESSURE VESSELS

ERECTION AND MAINTENANCE OF POWER BOILERS

OUR INSTALLATIONS



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Shanti

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Sale & Service Franchise