



Automated

Ladle Preheating System



INNOVATIONS

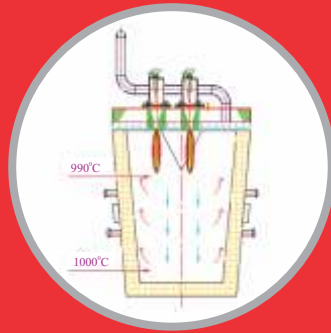
- Ladle Drying and Preheating.
- Ladle Preheating Systems are custom designed and manufactured by Dhanaprakash.
- More than 250 installations in India and abroad.
- Any Ladle, Any Fuel, Any Position, Any Metal - PLC programmable systems.
- Quick, Smokeless, Energy Efficient .
- Recipient of G S Parkhe Award of MCCI in 1997.



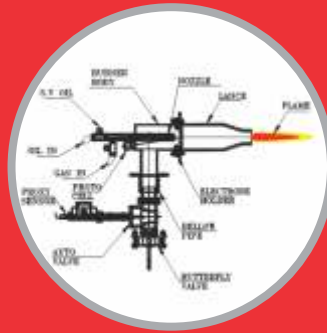
CONCEPT



Ladle completely covered by insulated Lid - No Heat Loss



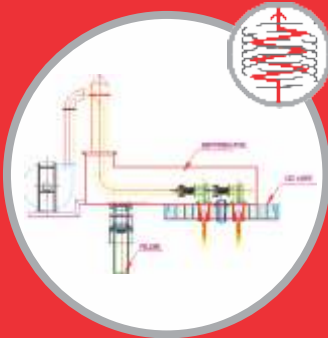
Ladle bottom temperature is Higher than top



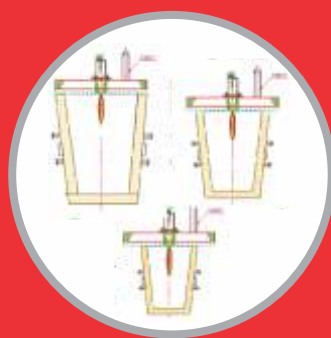
Auto Ignition, Fuel & Air on/off, temperature sensor for control



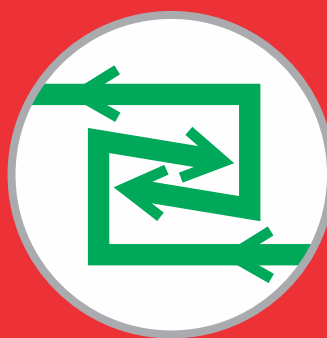
Instant preheating to 1000°C



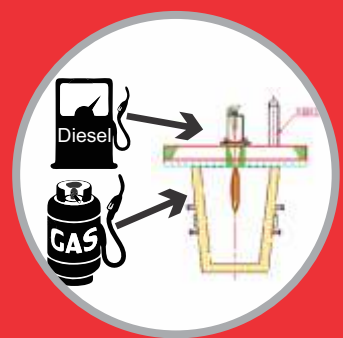
Waste Heat Recuperator preheats Combustion Air



All ladles of foundry single Preheater



Motions, Air, Fuel supply automated with interlocks



Single fuel or Dual fuel

VARIOUS TYPES

- Small Ladle Preheater - 50 to 250 Kg.
- Universal Ladle Preheater - 500 to 2000 Kg.
- All-round Ladle Preheater - 100 to 2000 Kg.
- Giant Ladle Preheater - 10 MT & Above.
- Scrap Preheater - Scrap preheated in Ladle before feeding induction furnace.
- Induction Furnace Removable Former Sintering.
- Customized Shape Ladle Preheater.

OUR MAJOR USERS

- Tata Motors.
- Larsen & Toubro.
- Sarda Metals.
- Maruti Suzuki.
- Honda Car.
- Honda Motorcycles.
- Jyoti CNC.
- Shriram Pistons.
- KSB Pumps.
- Kirloskar Brothers.
- Indsur Global.
- Ashok Iron Works.
- Shriram Foundry.....

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Ladle Preheating System

Small Ladle Preheater - 50 to 250 kg



**All-round Ladle Preheater
100 to 2000 Kg.**



Universal Ladle Preheater - 500 to 2000 Kg.



Scrap Preheater



Customized Shape Ladle Preheater.



Giant Ladle Preheater - 10 MT & Above.



**Induction Furnace removable
former sintering.**



Our other types of Ladle Preheater



Dhanaprakash
Industrial Corporation