Waste Heat Recovery System

**Electric Arc Furnace**

**Sintering Cooler WHRS**

**Blast Furnace WHRS**

**Rolling Furnace WHRS**

**REFERENCES (More than 180)**

JSW, POSCO, DUPONT, LURGI, BAO STEEL, TECHNIP, FLUOR DANI EL, BASF, SAMSUNG, TOYO, DUPONT, BP & MANY MORE.

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**ELECTRIC ARC FURNACE WHRS**

High temperature & highly dusty waste heat generated during electric steel making can be fully & effectively used to generate steam thus saving energy losses.

**SINTERING COOLER WHRS**

According to the heat balance calculation of waste gases, the heat taken by the sintering circular cooler only accounts for 29.3% of sintering total heat loss.

**BLAST FURNACE WHRS**

Waste Heat Recovery system of Hot Blast Stove, key equip. can adopt integral heat pipe air preheater, Heat pipe coal preheater, separated type heat pipe coal/gas dual preheating.
Patented Heat Pipe Technology used in WHRB

Heat pipe is a high efficiency heat transfer element

- As a high efficiency heat transfer element, heat Pipe has advantages of extremely high thermal conductivity, good isothermality, long-distance heat transfer and temp. Controllable.

- HE with heat pipes has excellent performance of high efficiency heat transfer, preventing mix of hot & cold fluids, no dew point corrosion, dust difficultly deposited and no rotating part.

Other Products Include:

- Process Air & Gas Compressors
- CNG Compressors
- High Pressure Reciprocating Air Cooled Compressors
- Booster Nitrogen Compressors
- Air separation Plants (Oxygen, Nitrogen)
- Breathing air Compressors
- Blowers
- Fire Safety & Rescue Equipment

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