



**A-SHE**  
**Efficient Self-Preheating Burner**  
**Energy-saving**



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## A-SHE Efficient Self-Preheating Burner

Energy-saving

### Features

In order to further enhance the waste heat recovery capacity of flue gas and reduce fuel cost, it adds an auxiliary heat recovery system on the basis of the original finned casing primary heat exchanger, which increases the fuel efficiency to more than 90%, which is close to the level of regenerative heat recovery system. However, it has simpler structure, lower cost, less space and better maintenance performance. Therefore, compared with the regenerative burner, it has higher performance-to-price ratio.



### Applications

- Roller hearth furnace or heat treatment furnace
- Chamber heating furnace or heat treatment furnace
- Mesh belt furnace
- Trolley type heating furnace or heat treatment furnace
- Normalizing furnace

### Product Description

- Air shell: SUS 304
- Material material for air inlet pipe: Carbon steel
- Applied maximum furnace temperature: 11 50C
- Fire pipe material: Silicon carbide
- Combustion head: Cr28Ni48W
- Fixed flange: Q235
- Preheat the air: Normal temperature
- Power: 40~400KW
- Air inlet pressure: 75mbar
- Gas inlet pressure: 60mbar
- Fuel: NG /L PG/COG
- Adjustment ratio: 1:3

### Ignition and Flame Monitoring

- The burner is ignited and tested by a single electrode.