

Sonic Soot Removal System for Boilers

This sonic soot removal system uses sound waves to dislodge soot and ash from boiler components. It enhances heat transfer efficiency and minimizes downtime for maintenance.



ADDITIONAL IMAGES



Product Overview

Innovative Sonic Cleaning Technology

The iSRQ series sonic soot blower system offers a highly efficient, non-invasive alternative to traditional steam soot blowers. By utilizing high-intensity sound waves, the system effectively dislodges soot and ash buildup from heat transfer surfaces in power generation and industrial boiler plants. This solution significantly reduces maintenance downtime and improves thermal efficiency by keeping boiler sections clean through acoustic vibration.

Application Areas

Applicable Equipment

Superheaters, Generating Sections, Economizers, Air Heaters, Electrostatic Precipitators, Bag House Filters

Technical Features

System Components

- Sound generator
- Acoustic amplification horn
- Integrated control system
- Mounting flange

Operational Advantages

1 Reduction

Maintenance Intensity

100 %

Efficiency Improvement

Compatibility

Fuel Compatibility

Fossil Fuels, Bio-fuels, Waste Fuels