Power Station Steam Soot Blower Furnace Arch Ash Blower Easy Installation

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: HYZONT
- Certification: CCC
- Model Number: LMD-D92G
- Minimum Order Quantity: 1set
- Price: negotiated sale
- Packaging Details: wooden case
- Delivery Time: 15 Days after Payment
- Payment Terms: L/C, D/A, D/P, T/T
- Supply Ability: 500pcs a year

Product Specification

- Application: Power Station/Industrial Boiler
- Blowing Angle: 0-180°
- Blowing Direction: Single/Double
- Blowing Distance: 0-20m
- Blowing Medium: Air/Steam
- Control Mode: Manual/Automatic
- Drive Type: Direct/Indirect
- Installation: Fixed/Mobile
- Material: Carbon Steel/Stainless Steel
- Noise Level: Low
- Power Supply: Electricity
- Pressure: Low/Medium/High
- Temperature: Normal/High
- Vibration: Low
- Highlight: **Power Station Steam Soot Blower**,

Product Description

Steam soot blower Furnace Arch Ash Blower

LMD-D92G Furnace Arch Ash Blower:

Product Name	LMD-D92G Furnace Arch Ash Blower
Soot Blowing Medium	Steam
Blowing Angle	30-360°
Effective Blowing Radius	2.5m
Blowing Tube Rotating Speed	5.5r/Min
Recommended Blowing Pressure	＜1.5Mpa
Total Weight	120kg
Valve Body Material	Cr - Mo Steel
Nozzle Material	Stainless Steel
Application Field	Furnace Arch
Maximum Gas Temperature	500℃
Steam Consumption	80-110kg/Min
Manufacturer	LEMOND
Origin	Zhejiang, China

LMD-D92G Furnace arch ash blower is develop and newly designed by LEMOND company in year 2018, it's outshape is kindly like D92 rotary sootblower, but design is different. LMD-D92G furnace arch sootblower is specially desiged for the boiler arch of supercritical boiler , as there is higher chance for ash deposition in this field, if use retractable sootblower in this area, it will lead a blowing dead angle and expand blowing quantity. If the remaining ash didn't remove on time, it has bad influence for boiler effiency, so this type sootblower is your best choice for the boiler arch field.

The Phenomenon And Harm Of Ash Accumulation In The Corner Of Folded Flame:

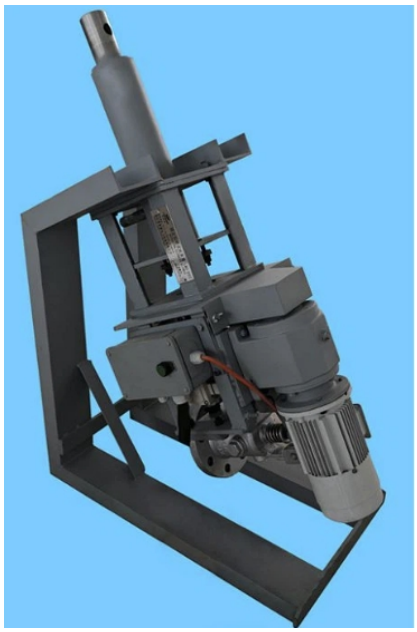
A large amount of fine ash is often deposited at the bottom of the flue at the corner of the horizontal flue, which not only has a fast speed of ash accumulation, but also has a thickness of 1-1.5 m, sometimes even higher, forming a ash wall. If a ash wall is not removed in time, when the ash wall reaches a certain thickness and height, the cross-sectional area of flue gas flow at the furnace outlet will be reduced, resulting in the reduction of flue gas flow With the increase of furnace pressure, the heat absorption of boiler tail heating surface decreases. The ash deposit in the front of the folding flame angle is likely to collapse into the furnace due to its own weight or the impact of flue gas flow. Although the scattered ash does not cause a sharp drop in the furnace temperature, it not only seriously affects the boiler efficiency, but also is a potential threat factor to the stable operation of the boiler. On the one hand, it may block the flame radiation in the furnace and shield the normal detection of coal fire detector; on the other hand, when it is serious, it directly impacts the furnace flame center, blocking the mixing of wind and powder, leading to combustion deterioration and even fire extinguishing.

Selection And Analysis Of Soot Blower:

Steam soot blower

Steam soot blower is also a traditional way of soot cleaning, depending on the release of strong kinetic energy of high-temperature steam, it directly injects the heating surface. Steam soot blower is widely used in large units of power industry

Advantages: it can directly blow soot on the heating surface, with strong adaptability and good effect on coking, slagging and sticky ash.



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