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BO LAI DA

Manganese based series

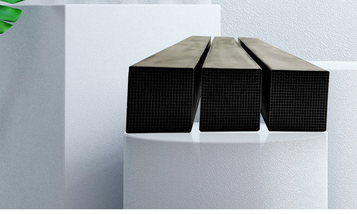
HONEYCOMB MEDIUM AND LOW TEMPERATURE SCR DENITRATION CATALYST

RESISTANT TO HIGH SULFUR

LONG SERVICE LIFE

LOW CORROSION

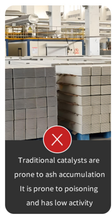
POLLUTION -FREE



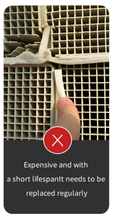
DON'T LET THESE PROBLEMS ARISE ANY MORE

IT CONTINUES TO TROUBLE YOU

The denitrification efficiency is low
It cannot meet the ultra-low emission requirements



Traditional catalysts are prone to ash accumulation
It is prone to poisoning and has low activity



Expensive and with a short lifespanit needs to be replaced regularly

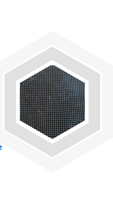
BOLAIDA - SCR DENITRATION CATALYST

SIX MAJOR ADVANTAGES

01.High-sulfur resistant and highly active catalyst
It has reduced the frequency of catalyst deactivation and replacement caused by sulfur

02. Ultra-low emissions
The denitrification rate can reach over 90%, and the NOx concentration can be controlled

03. Reduce ammonia escape
Ammonia escape can be controlled within 3ppm, significantly reducing the



04. Energy conservation and low consumption
Reduce the energy consumption required for heating or cooling flue gas and improve energy utilization

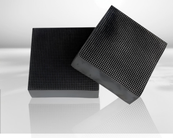
05. No secondary pollution
The selection and recycling mechanism of the catalyst ensure the environmental friendliness of the system and

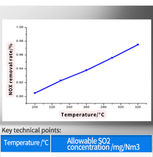
06. Low operating cost
Due to the high efficiency and stability of the catalyst, the frequency of catalyst replacement and regeneration is reduced, further lowering the

SELECT THOSE WITH HIGH ACTIVITY AND HIGH SULFUR RESISTANCE

SCR DENITRATION CATALYST

Medium and low-temperature SCR denitration catalysts have the advantages of high





Key technical points:

Temperature /°C	Allowable SO2 concentration /mg/Nm3
200°C	<500
230°C	500-1500
260°C	>1500

Technical indicators：

Efficiency indicator	Denitrification efficiency>90%
Temperature range	200°C~320°C
NH3 escape	<3ppm
Moisture content of flue gas	≤20%
Oxygen content in flue gas	2~20%
SO2/SO3 conversion rate	<0.5%

Catalyst parameters：

Number of holes	18~40aperture
Catalyst cross-sectional area	150*150mm2
Active component	Manganese oxide
Chemical life	3years
Mechanical life	8years
Pressure drop of the catalyst layer	<350Pa

ALL-NEW UPGRADED VERSION

SCR DENITRATION CATALYST

HIGH DENITRATION EFFICIENCY

Resistant to high-sulfur catalysts

Low operating cost

Low reaction temperature

The equipment has minimal corrosion.

Long service life

No secondary pollution

Energy-saving and low consumption

Safe and environmentally friendly

SCR DENITRATION CATALYST

SCOPE OF APPLICATION (PARTIAL)

Biomass/coal-fired boilers, etc

Denitrification of rotary kiln

Denitrification in non-ferrous metal smelting

Denitrification in waste incineration plants

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Denitrification of electrolytic aluminum

Industrial silicon denitrification

Denitrification of hazardous and solid waste incineration

Denitrification in carbon plants

(Some scenes are displayed. For details, please consult)