



## Complete materials handling solutions for power sector.



We are a world class supplier to the power sector. For decades we have designed and implemented innovative technological solutions for all types of combustion power system – from thermal power plants to industrial boilers powered with coal or biomass. Our proven technologies enhance the performance of the power systems increasing efficiency, saving energy and driving costs down.





### Unique solutions

Our in-depth knowledge of materials handling and power systems acquired over decade combined with Alesa's unique scientific approach and extensive R&D leads to proven solutions perfectly adapted to each specific project while ensuring increased efficiencies, energy savings, enhanced environmental performance, improved boiler availability, reduced maintenance costs and better use of capital.

Our expertise, combined with our focus on cost, timely delivery and systems quality, distinguishes us from the competition.

We are certified ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007.

### Materials handling systems and technologies

We provide materials handling solutions for solid-fuel fired combustors throughout the power sector; from complete handling facilities and conveying plants to injection systems and automated process controls.

No matter what type of combustion power system is in place and the fuel used, our team of engineers and specialists incorporates the latest techniques in materials handling technology. The results are impressive. For example our pneumatic materials handling systems are clean, efficient, fully enclosed and provide exceptional reliability with minimum maintenance.

From a 'turnkey' installation to individual components, a REEL Alesa designed system builds in environmental protection and a health and safety workplace. Our systems improve your productivity through the safe, dust free transport of bulk materials and by eliminating spillage.

We set the standard in bulk materials handling and transport with our leading edge expertise and industry know how.

### Customised solutions

Totally enclosed handling systems for bottom ash, bed ash, coarse and fine flyash

Conveying systems (pneumatic and mechanical)

Dry and hydrated vehicle loading and unloading systems

Ash silos, storage and discharge facilities

Heat exchangers and ash coolers

Conditioning plants

A complete line of centrifugal blowers and air movers

Handling systems for flue gas de-sulphuring reactor by-products



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