

DRY SORBENT INJECTION



INTRODUCTION

Dry Sorbent Injection (DSI) is the process by which dry alkaline sorbents are injected into the flue gas stream to provide acid gas (SO_2 , SO_3 or HCl) removal. Pollutant removal is directly related to the amount of dry sorbent injected, which is why our advanced system automation allows our clients to quickly modify the system, accommodating for changes in operating and process conditions.

OUR SOLUTIONS

Our in-house engineering capabilities, cutting-edge technology such as Sorb-Tec[®] and Resistive Splitting, and diverse network of sorbent providers allows Nol-Tec to deliver efficient, sustainable, and compliant systems for our clients.



PROVEN LOW CAPITAL COST SOLUTION TO MEET YOUR SO_2 , SO_3 , AND HCl EMISSIONS PERFORMANCE REQUIREMENTS



TRUSTED TO DELIVER™

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KEY BENEFITS

Onsite Testing Capability

- Nol-Tec has a fleet of onsite test systems providing you a practical understanding of our DSI capabilities and an opportunity to rent the system before you buy. We drive it in on a truck and set it up quickly and efficiently.

Computational Fluid Dynamics (CFD) modeling

- CFD modeling is used to provide an accurate and predictive tool for emission reduction. This tool can be used for practical design, optimizing solutions, and problem solving.

Continuous Weight Metering System

- Our continuous metering system accurately delivers sorbent at desired rates to achieve EPA compliance without wasting materials.

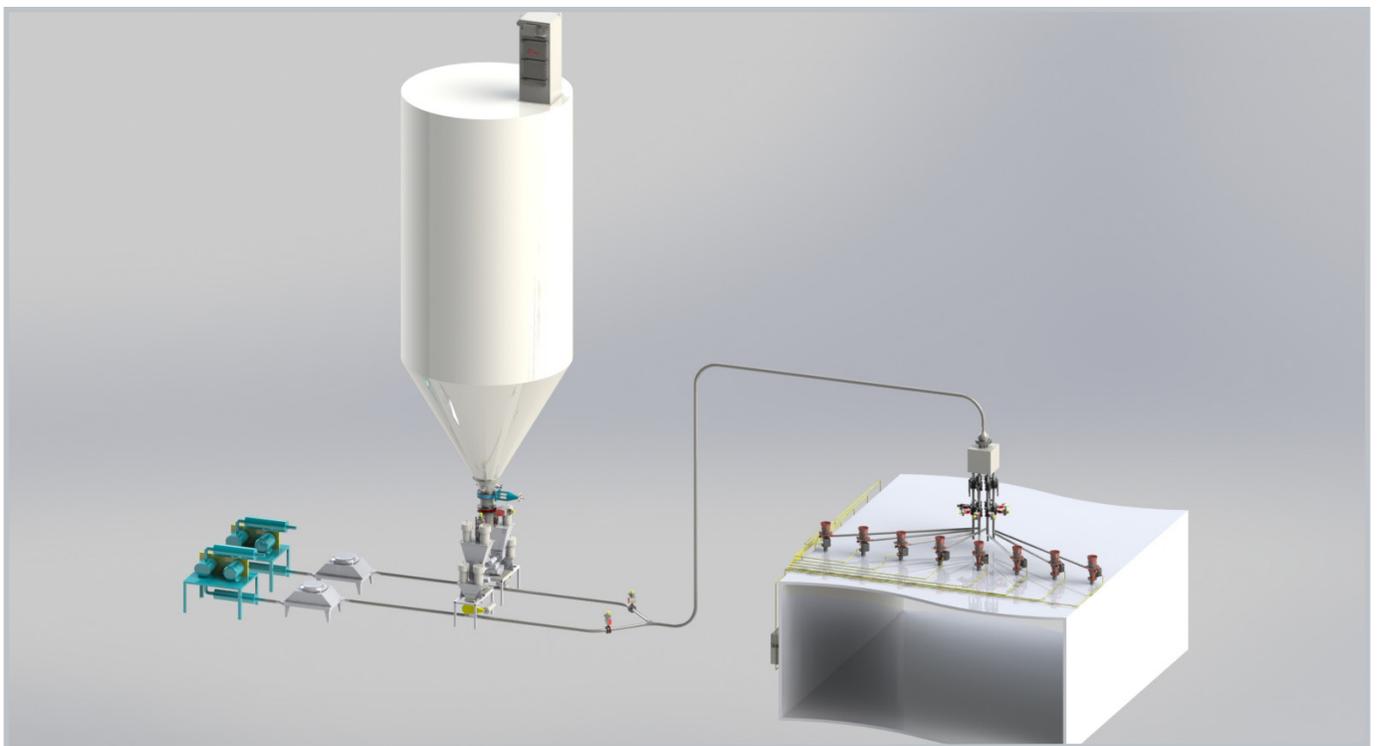
ADDITIONAL TECHNOLOGY

Sorb-Tec®

- Sorb-Tec® is a patented lance-less injector technology that serves as a comparable replacement for traditional injection lances used in dry sorbent injection (DSI) and activated carbon injection (ACI) systems. Externally fitted to ducts, Sorb-Tec® injectors replace each active lance and require no modifications to existing DSI/ACI systems.

Resistive Splitting

- Essential for improved pollutant mitigation, Nol-Tec's resistive splitting technology is a simple and effective solution to ensure even distribution.



ABOUT NOL-TEC

Nol-Tec is recognized as a global leader in the design and manufacture of pneumatic conveying equipment for processing dry bulk materials. We have experience handling hundreds of different products from a wide range of industries enabling us to deliver reliable and cost-effective bulk material handling solutions.

Our in-house test lab provides clients with the confidence they need to make informed decisions about their new system design, upgrade, or retrofit. For nearly four decades we have partnered with clients to bring state-of-the-art products to the marketplace. We are committed to helping you keep your business moving.

