

# STEEL & FOUNDRY

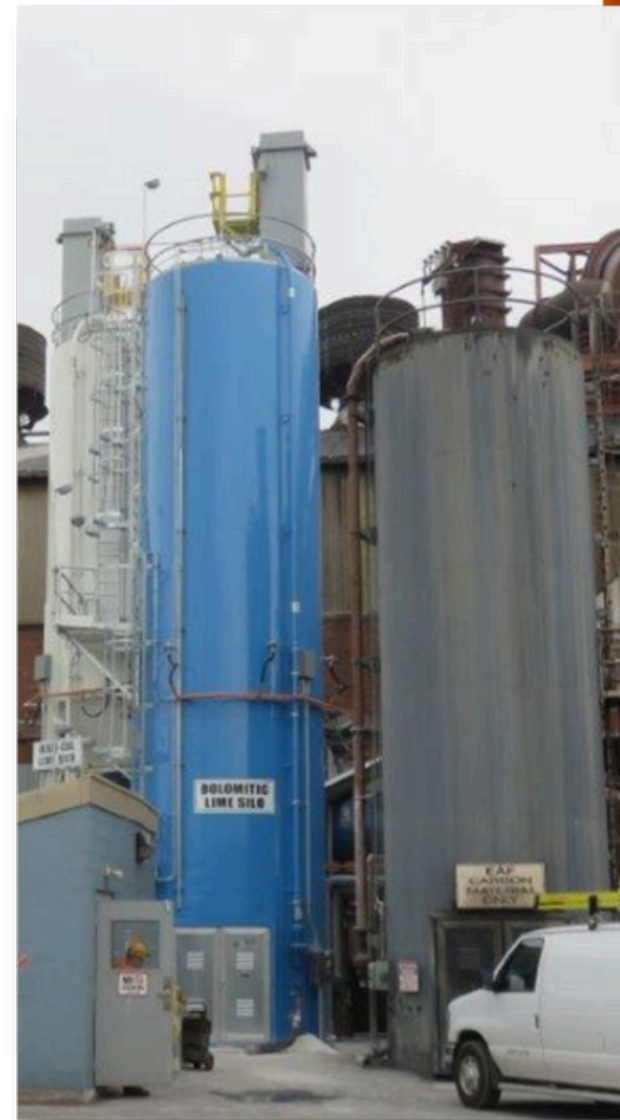
Steel Mills, Metal Processing and Foundries



In today's steel and foundry industry, effective handling of materials like Carbon, High Calcium / Dolomitic Lime, Sand and Furnace Dust are critical for the efficient operation of varying processes. Whether its critical injection technology, truck unload, transfer or harmful dust evacuation, Delta Ducon has the technology and solutions to keep you operating.

## Capabilities

- ▲ Pneumatic conveying – dilute and dense phase
- ▲ Vacuum & Pressure Systems
- ▲ Railcar & truck – loading & unloading
- ▲ Ash & Dust removal, storage & transport
- ▲ Injection, Charging & Blending technologies
- ▲ PERMA/flo Extreme Duty rotary feeders/airlocks
- ▲ PERMA/flo abrasion resistant pipe & fittings
- ▲ Blower Packages





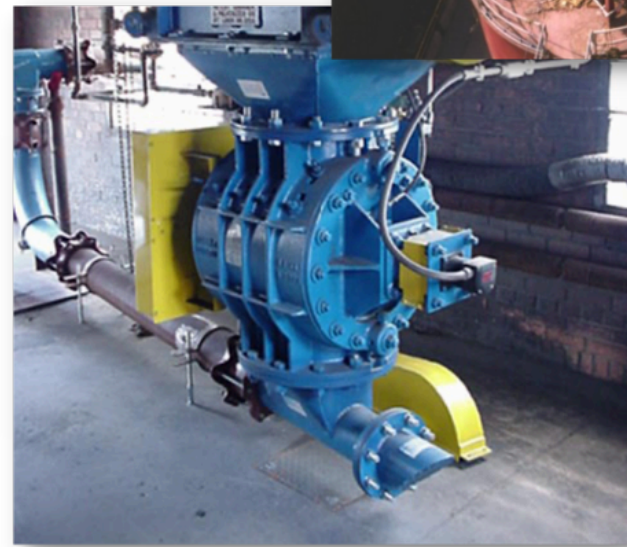
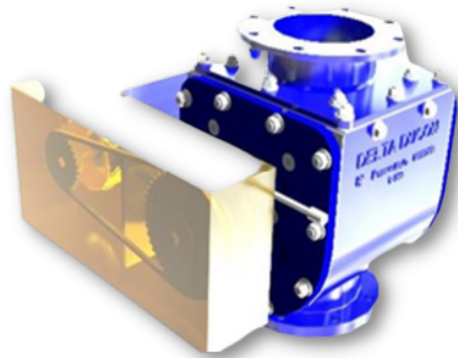
# STEEL & FOUNDRY

Steel Mills, Metal Processing and Foundries



## Common Materials Handled:

- △ Carbon
- △ Coke Breeze
- △ EAF & BOF Dust
- △ Lime- Dolomitic & High Calcium
- △ (DRI) Iron Pellets
- △ Sinter Ash
- △ Various Minerals & Metallic Powders



IN PARTNERSHIP WITH



Pneumatic Conveying



**Clyde Pneumatic Conveying Spheri Dome Valve**

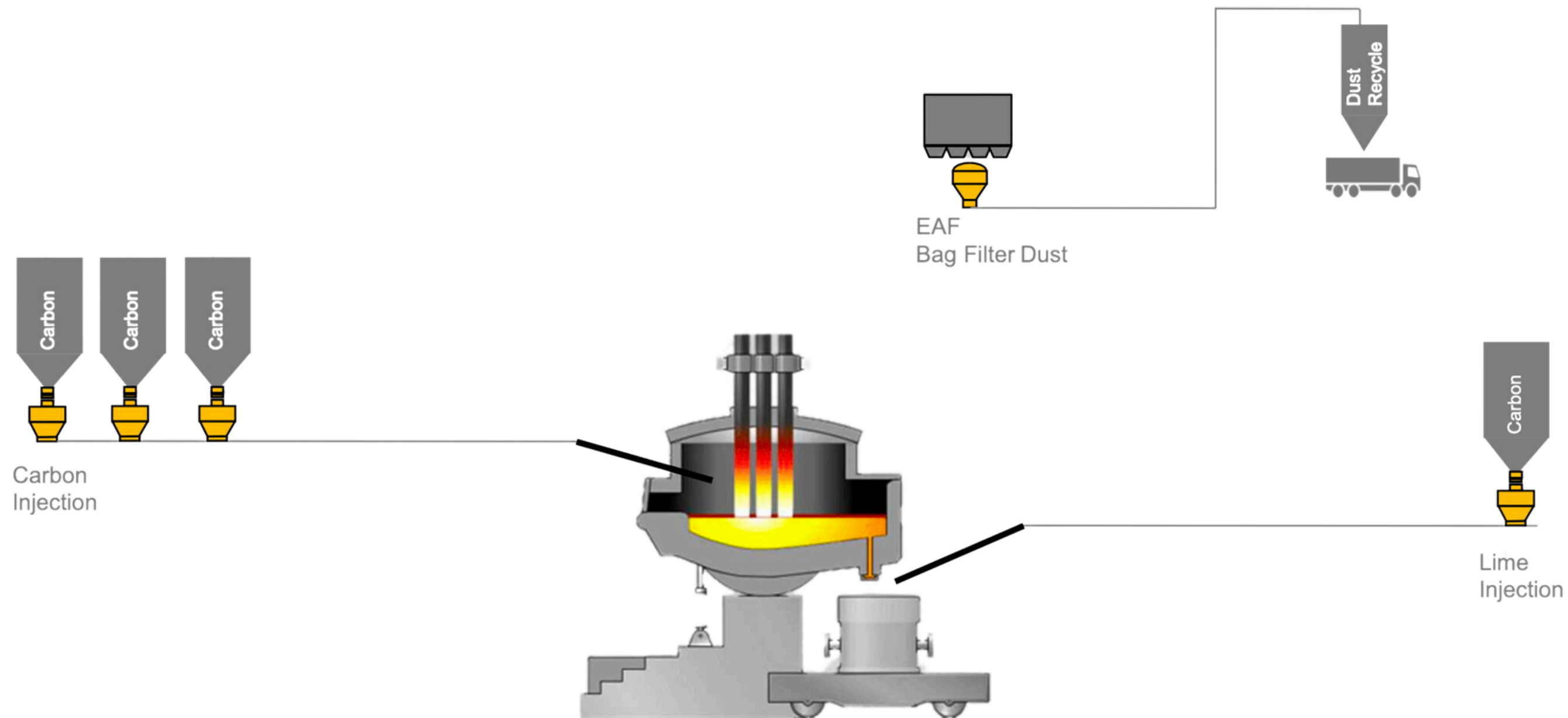
The Clyde Conveying Spheri is a Dome Valve solutions offer customizable options to meet your specific material handling needs.

Users can choose from a variety of raw materials and surface coatings for the Dome, typically made from SG Iron, with other materials available upon request. For cohesive and sticky materials, the 'flat-top' Dome design is commonly used to reduce buildup.



# STEEL INDUSTRY

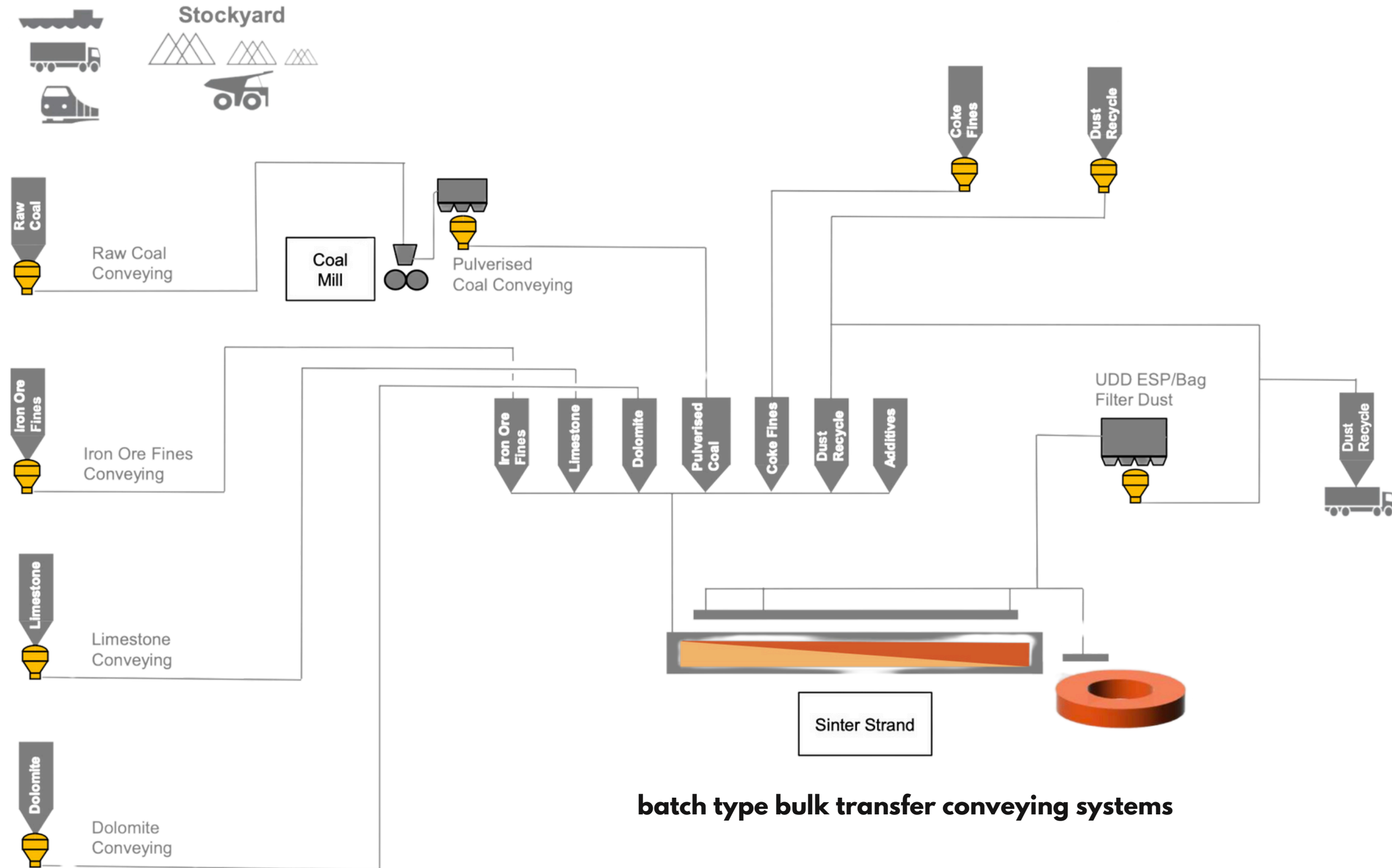
Electric Arc Furnace - EAF



## Electric Arc Furnace

# STEEL INDUSTRY

Sinter Plant

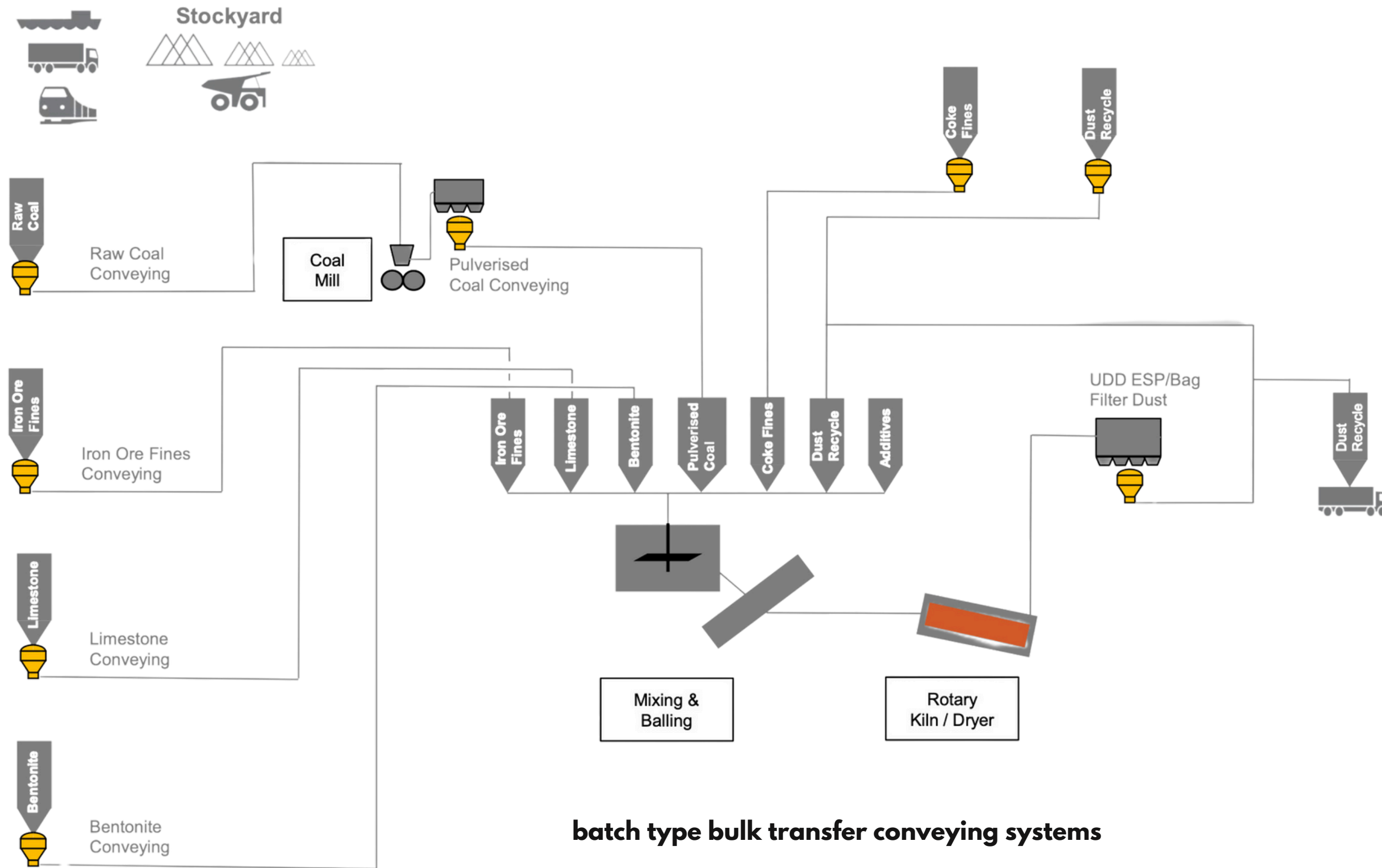


**batch type bulk transfer conveying systems**



# STEEL INDUSTRY

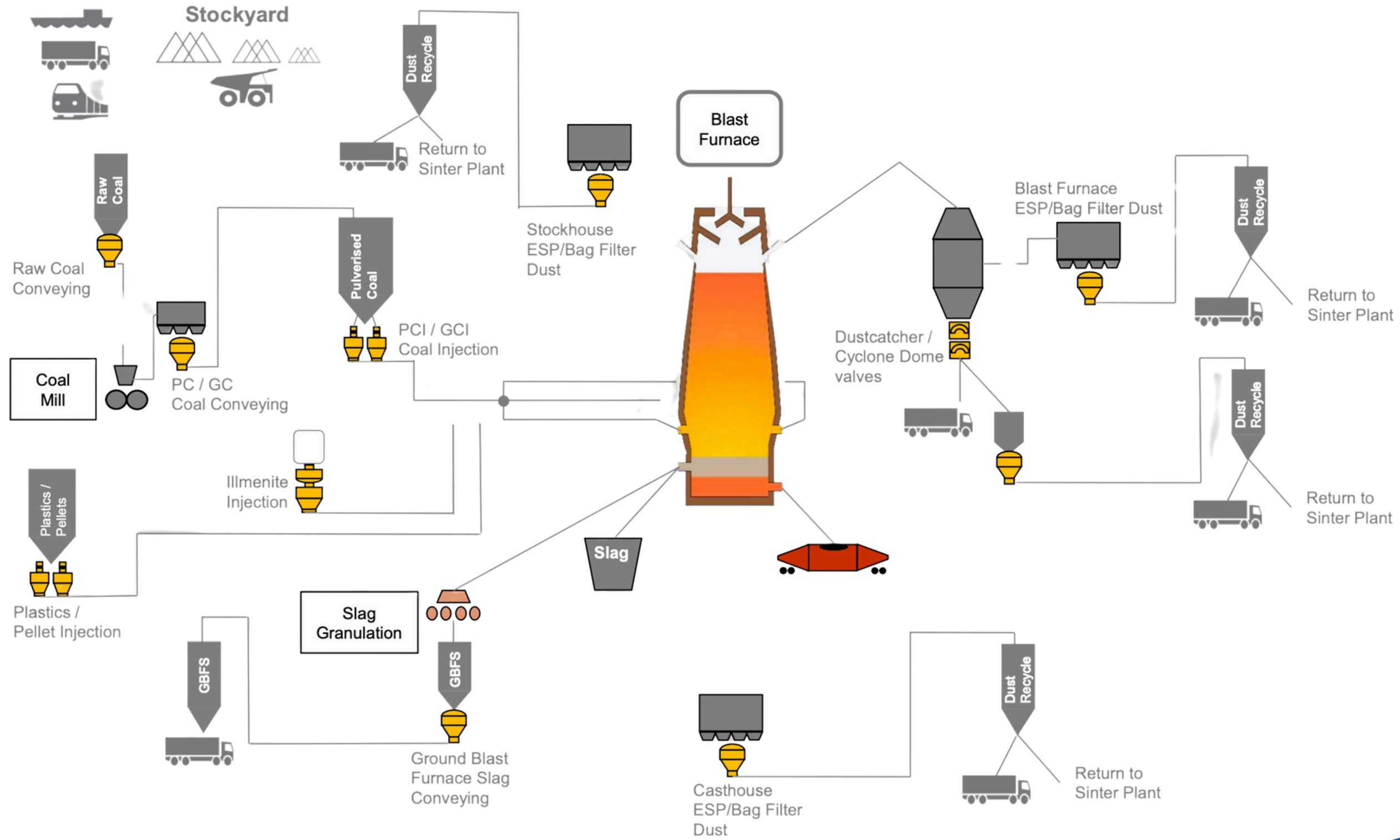
Pellet Plant



batch type bulk transfer conveying systems

# STEEL INDUSTRY

Iron Making - Blast Furnace Applications



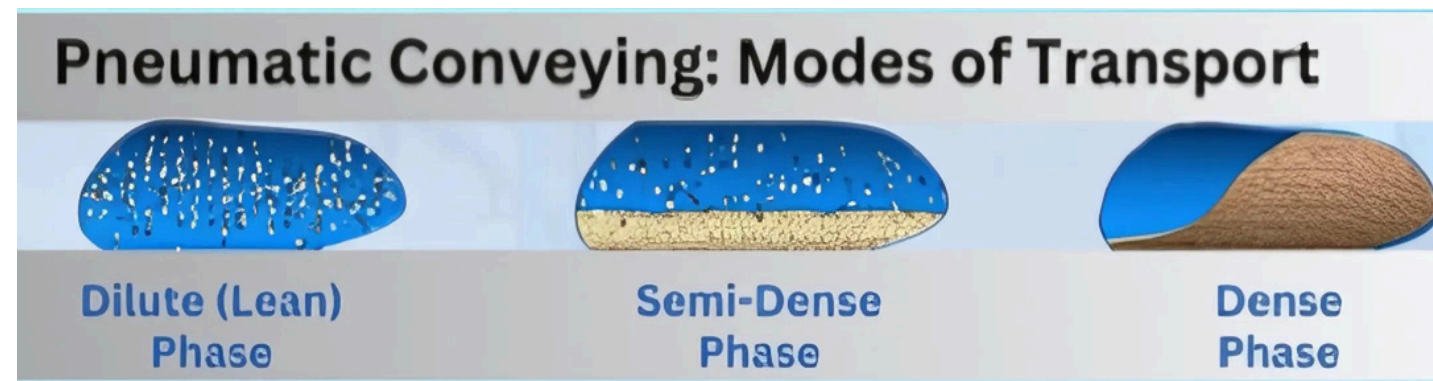
**batch type bulk transfer conveying systems + process injection**



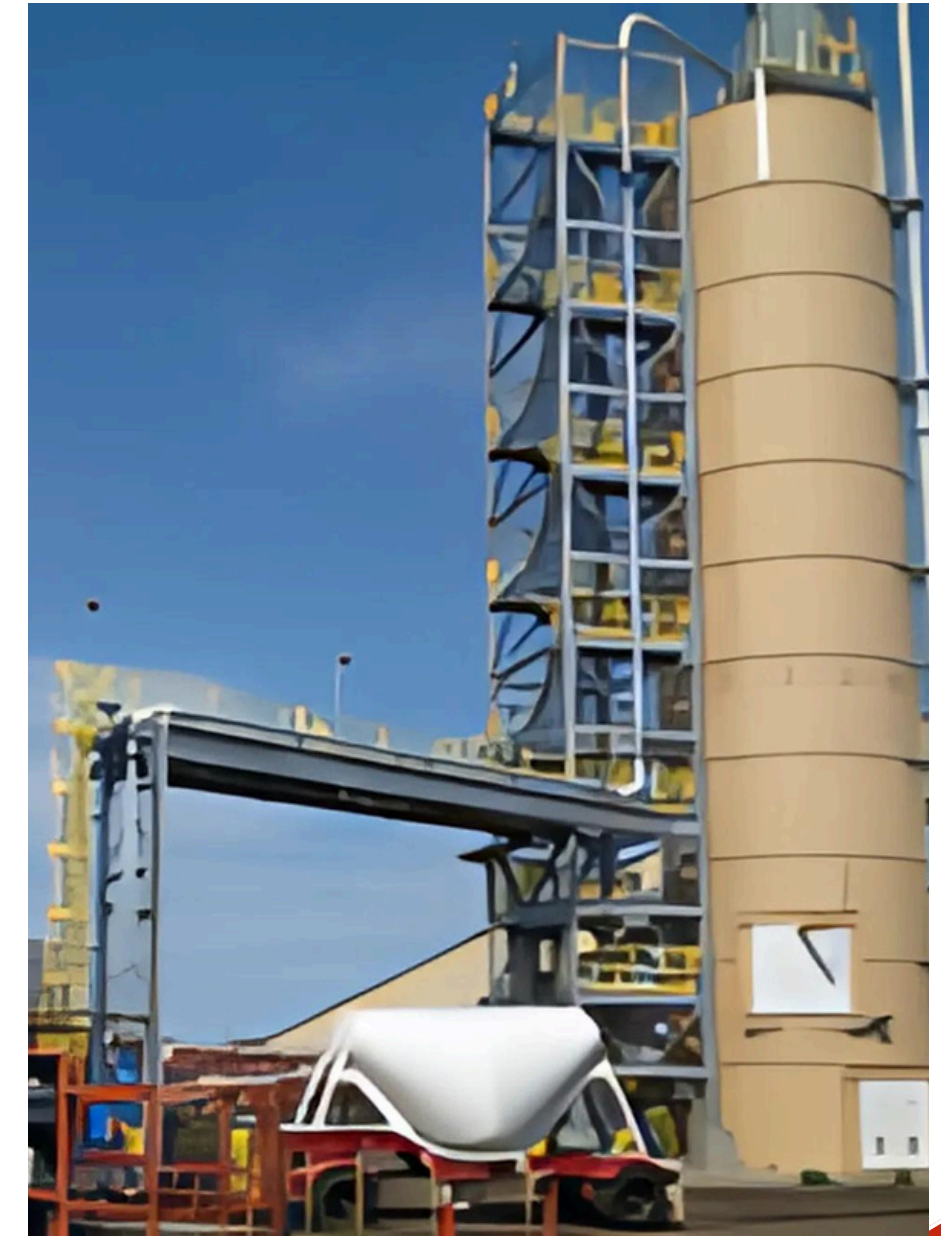
# PNEUMATIC CONVEYING OFFERINGS



Delta Ducon, a cornerstone in material handling solutions for over a century, is proud to announce a strategic partnership with Clyde Pneumatic Conveying, a global leader with 50 years of expertise in pneumatic conveying. This collaboration brings together a combined 150 years of industry knowledge, innovation, and commitment to excellence, setting a new benchmark for pneumatic conveying solutions in North America.



This partnership empowers Delta Ducon to offer an unparalleled range of pneumatic conveying technologies, encompassing Dilute Phase, Semi-Dense, and Dense Phase systems. By integrating Clyde Pneumatic Conveying cutting-edge Dense Phase and Injection technologies, along with the revolutionary Spheri Dome Valve, Delta Ducon is equipped to address the unique demands of diverse industries with precision and efficiency.





# PNEUMATIC CONVEYING OFFERINGS



## Innovative Equipment for Demanding Applications

- **Denseveyor:** A flexible and dependable system for conveying various materials, from fine powders to large pellets, with minimal material degradation.
- **D-Pump:** An advanced smart pumping system with automatic modulation, enabling efficient transport of diverse materials over long distances and large capacities.
- **MD-Pump:** Engineered for large-capacity conveying systems, offering exceptional efficiency and multiple outlet configuration options.
- **Rotofeed and RotoScrew:** A precision system for batch or continuous injection, providing accurate and controlled delivery of materials into pressurized processes.
- **Spheri Valve:** The original dome style valve. A robust and unique valve designed to cut through both moving and static columns of bulk material, ensuring zero leakage and maximum reliability.

