



SUCCESSFUL IMPLEMENTATION OF LIME INJECTION AT SDI PITTSBORO



Carmeuse Systems is proud to announce the installation of state-of-the-art high calcium and dolomitic lime injection systems for Steel Dynamics, Inc. at their Pittsboro, IN location. The installations highlight Carmeuse Systems' dedication in providing comprehensive lime injection systems and demonstrates SDI's ongoing leadership in embracing and implementing innovative technologies at its facilities. Made possible through the collaboration of Carmeuse Systems and the Performance Materials business of Schenck Process Food and Performance Materials, which recently rebranded to Coperion, the project combines lime handling, pneumatic conveying, and dense phase lime injection to deliver a complete solution.

"Lime must meet specifications to flow well in a lime injection system, but traditionally in the market, that range has been very limited. Our solution provides more flexibility," shared Dean Salloch, Manager of Applications for Carmeuse Systems, "By allowing for more variance with gradation, our system can more effectively transfer lime to the furnace and reduce the risk of plugging, even with the material degradation that comes with shipping lime to site." Overall, Carmeuse Systems and Coperion technologies help ensure accurate, reliable, and uninterrupted lime supply.

Our experienced technicians, engineers, and implementation teams worked closely with the SDI team from design to start-up of the new EAF lime injection system. As one of the largest domestic steel producers and metal recyclers in the United States, SDI operates using a circular manufacturing model, producing lower-carbon-emission, quality steel using electric arc furnace (EAF) technology. We are proud that Carmeuse Systems has been able to help advance that mission through our commitment to delivering innovative lime handling and lime injection technology solutions.

ABOUT CARMEUSE SYSTEMS

Carmeuse Systems is your trusted partner for designing, integrating, and upgrading lime handling systems. As part of the Carmeuse Group, our teams have unrivaled expertise in understanding the role of lime handling equipment within your operation. From selecting the appropriate raw material, to system engineering, enhancements, and maintenance, our teams provide End-2-End support and guidance. We make complex projects seem simple and help our customers every step of the way. For more information, visit systems.carmeuse.com.

ABOUT COPERION

Coperion (www.coperion.com) is a global industry and technology leader in compounding and extrusion systems, size reduction, washing, separating, drying, and agglomeration, feeding, weighing, material handling and pneumatic conveying systems, as well as milling, mixing, thermal processing, dust collection and other services. Coperion develops, produces, and services plants, machinery, and components for the plastics and plastics recycling, chemical, battery, minerals, food and pharmaceutical industries. Coperion employs more than 5,000 people in its three divisions, Polymer, Food, Health & Nutrition, and Aftermarket Sales & Service - at over 50 sales and service locations worldwide. Coperion is an Operating Company of Hillenbrand (NYSE: HI), a global industrial company that provides highly-engineered, mission-critical processing equipment and solutions to customers serving a wide variety of industries around the world. www.hillenbrand.com

ABOUT STEEL DYNAMICS INC.

Steel Dynamics is one of the largest domestic steel producers and metals recyclers in North America, based on estimated annual steelmaking and metals recycling capability, with facilities located throughout the United States, and in Mexico. Steel Dynamics produces steel products, including hot roll, cold roll, and coated sheet steel, structural steel beams and shapes, rail, engineered special-bar-quality steel, cold finished steel, merchant bar products, specialty steel sections, and steel joists and deck. In addition, the company produces liquid pig iron and processes and sells ferrous and nonferrous scrap.



CANADIAN HEAD OFFICE:
8485 PARKHILL DRIVE
MILTON, ON L9T 5E9, CANADA

US HEAD OFFICE:
3600 NEVILLE ROAD
PITTSBURGH, PA 15225

salesinquiries@carmeuse.com | +1-905-875-5587 | systems.carmeuse.com