



Press Information

AUMUND Equipment marks triple success in USA Gypsum Sector

Georgia, USA, November 2017

Over the past 18 months, AUMUND Corporation, based in Georgia, USA, has won orders for a variety of specialized conveying solutions at three of the production sites of National Gypsum. The series kicked off with four identical CENTREX® silo discharge machines for FGD gypsum supplied to the Baltimore works in 2016. The order for two Samson® Material Feeders 1600 Series at Shippingport, Pennsylvania followed in early 2017, and most recently, no less than four Samson® Feeders and an AMUMUND Apron Feeder type BPB were ordered for National Gypsum's Apollo Beach plant in Florida, as part of a sophisticated new reception line for natural gypsum.



Fig.1. Example for two truck Reception Samson® Material Feeder from AUMUND (showing a similar situation as National Gypsum Shippingport, photo AUMUND)



Fig. 2. Example for two Storage Samson® Material Feeder from AUMUND (showing a similar situation as National Gypsum Apollo, photo AUMUND)



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The four AUMUND CENTREX® machines type CTX-AFD were supplied as drop-in replacements for their predecessors that had been in operation in Baltimore, MD, for about 20 years, since being supplied by LOUISE Fördertechnik, Germany, before this company was acquired by AUMUND. The discharge rate of these units is 45 tph each, and many of the spare parts in the customer's warehouse can be re-used for the new machines.

The United States produces more gypsum wallboard than any other country. National Gypsum Company, NGC, is one of the largest gypsum board producers in the world and the second largest producer in the United States. The company has 17 operating gypsum board plants strategically located near metropolitan areas. One of the newest, Shippingport, PA, needed a truck reception system for natural gypsum, and ordered two AUMUND Samson® Material Feeders, each 17.1m long and with a capacity of 400 tph, as an ideal solution to receive natural gypsum from rear-tipping trucks.

NGC operates the largest gypsum quarry in the world, located outside Halifax, Nova Scotia. From here, natural gypsum will soon also be supplied to the Apollo Beach, FL, site, as its current supply of FGD gypsum will cease when the neighboring power plant no longer produces this by-product, after converting to natural gas. On arrival of the gypsum at the plant, two Samson® Material Feeders series MF-800 will receive the material at a capacity of 450 tph before transferring it for stockpiling. A dozer will then reclaim the material onto the 6m-long AUMUND Apron Feeder type BPB-250, capacity 250 t/h, where it will feed into a crusher. The crushed gypsum will be received by the two 1600 series Samson® Material Feeders and subsequently fed onward into the manufacturing process. All four Samson® Feeders to be supplied to Apollo Beach are 13.3m long.

The three orders secured by AUMUND Corporation, over a short period of time emphasize the suitability of AUMUND equipment for applications in the gypsum industry. "With the engineering and most of the equipment supply coming from AUMUND Fördertechnik in Germany, we look forward to further strengthening our partnership with the flourishing US gypsum industry," says Jason Birnbaum, Project Engineer at AUMUND Corporation.

About the AUMUND Group

The AUMUND Group is active worldwide. The conveying and storage specialists have special expertise at their disposal when dealing with bulk materials. With their high degree of individuality, both its technically sophisticated as well as innovative products have contributed to the AUMUND Group today being a market leader in many areas of conveying and storage technology. The manufacturing companies AUMUND Fördertechnik GmbH (Rheinberg, Germany), SCHADE Lagertechnik GmbH (Gelsenkirchen, Germany), SAMSON Materials Handling Ltd. (Ely, England), as well as AUMUND Group Field Service GmbH and AUMUND Logistic GmbH (Rheinberg, Germany) are consolidated under the umbrella of the AUMUND Group. In conjunction with the headquarters of the manufacturing companies, the global conveying and storage technology business is spearheaded through a total of ten locations in Asia, Europe, North and South America and a total of five warehouses in Germany, USA, Brazil, Hong Kong and Saudi Arabia.



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