



# Powder and Bulk Engineering

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**On the cover:** Bulk bag discharging and batching system is shown at Alsey Refractories Co., Alsey, IL, handling refractory materials. System discharges dry ingredients from various dispensers that are filled from bulk bags and containers using two rows of 10 rotationally molded polyethylene dispensing hoppers. System is programmed with 200 different batch recipes and typically handles 2,300- to 4,000-pound batches in 5 to 8 minutes with a  $\pm 1$ -pound accuracy rate. Courtesy of Ingredient Masters, Cincinnati, OH, 513-231-7432 ([www.ingredientmasters.com](http://www.ingredientmasters.com)).

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