



Grain is Swept to Openings in Bottom of Bin and Removed with Floor Auger

KWS Provides Quick and Sustainable Solution for Light Farms

Introduction

Light Farms produces and sells animal feed. Various grains are stored in silos and blended for sale to local ranchers. Light Farms and their local supplier, Eagle Mountain Bearing & Supply reached out to KWS to solve a unique application to increase productivity and prevent downtime. KWS provided a quick, easy, and sustainable solution.

Challenge

Screws are located in silos to extract grain for further processing. The area is a confined space and presented difficulties in accommodating full length KWS stock screws. Measurements were taken and KWS determined the best possible solution to maneuver and position Made-to-Order screws.

KWS Advantage

KWS devised a customized solution by dividing the screw conveyor into 4 distinct sections to suit the specific requirements of the application. Each new screw section matched precisely within the limited space allowed. The screw sections were then bolted together to create a continuous helix. This modular approach ensured that the screw conveyor could be assembled in a confined space with limited accessibility. By breaking down the screw conveyor into manageable sections, KWS engineered a solution that optimized space utilization without compromising functionality.

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Very Limited Space for Floor Auger Created Need for KWS Engineered Solution



New KWS Floor Auger Receives Grain from Sweep Auger and Removes it from Bin