



Owens Corning Manufactures Roofing Products at Summit Argo, IL Location

Screw Conveyor Reclaims Roofing Granules at Owens Corning

General Description

Owens Corning and their preferred supplier, Motion, reached out to KWS on a challenging and unique application in the hopes that valuable roofing granules could be reclaimed and used in the critical raw material chain. KWS provided a quick and long-lasting solution.

Challenge

The application at Owens Corning in Summit Argo, IL required a solution with creativity and ingenuity. With extremely tight quarters and a small footprint to work with, exacting dimensions were needed and obtained with digital scanning equipment and backed up with manual tape measurements for accuracy. System capacity with the ability for capacity increase were determined. The ability to engineer a conveyor that can fulfill not only the current needs but the future needs of a customer sets KWS apart from other manufacturers.

KWS Advantage

KWS designed and manufactured a rugged screw conveyor for transporting reclaimed roofing granules back into the process. The new screw conveyor had to fit in an area under stairs and feed a floor screw conveyor. Roofing granules are extremely abrasive and heavy-duty construction was required.

With space being a determining factor, a direct drive right-angle shaft mounted reducer was chosen. The right-angle reducer took up less space and allowed the drive package to fit perfectly under the stairs. A premium efficient motor compatible with a variable frequency drive was chosen to control speed. Unique situations call for creative and long-lasting solutions. Owens Corning was 100-percent satisfied with KWS.

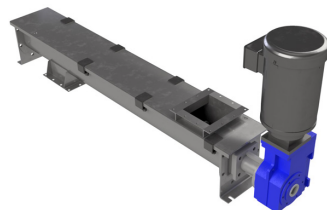
Testimonials

Carlos, Maintenance Superintendent – Owens Corning

“Thank you for the hard work, the KWS conveyor is working like a champ.”

Eric Garcia, Project Manager – Owens Corning

“The blueprints and attention to the smallest of details set KWS apart. Thank you!”



KWS Screw Conveyor Transports Reclaimed Roofing Granules Back into Process



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