



Cut and Folded Flighting
Combines Continuous
Conveying and Mixing

KWS Cut & Folded Flighting for Screw Conveyors

KWS Cut and Folded Flighting combines continuous conveying and mixing into a single, efficient operation. Cut and folded flighting elevates, separates, and redistributes bulk materials as they travel through the screw conveyor. The resulting agitation promotes thorough blending and homogenization of the bulk material stream.

Cut and folded flighting is ideal for applications involving various powders, chemicals, additives, or colorants that require uniform distribution. By integrating conveying and mixing functions, KWS Cut and Folded Flighting improves process efficiency, reduces equipment requirements, and minimizes plant footprint while reducing overall costs.

Features

Cut and Folded Tabs – Outer edge of each flight is cut and folded to form integral lifting paddles.

Conveys and Mixes – Cut and folded flighting combines bulk material conveying and mixing in a single operation.

Repeatable, Application-Specific Design – KWS uses CEMA standard precision cut-and-fold patterns and offers a range of construction materials to suit the material being handled and the application.

Benefits

Enhanced Mixing – Cut and Folded Flighting lifts and tumbles bulk materials, improving homogeneity and breaking up agglomerates or lumpy materials.

Reduced Equipment Requirements – By combining conveying and mixing functions into a single piece of equipment, cut and folded flights can eliminate the need for dedicated mixers, reducing capital costs and equipment footprint.

Predictable, Tailored Performance – The repeatable flight pattern supports reliable capacity calculations, while material options help address abrasive, corrosive, or sanitary service requirements.



Outer Edge of Each Flight is Cut and Folded to Form
Integral Lifting Paddles



Bulk Materials are Lifted and Tumbled to Improve
Mixing and Homogeneity



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