

**KWS designs and manufactures** Shaftless Screw Conveyors to meet the needs of many industries, such as chemical, rendering, wood products and wastewater treatment.

**KWS Shaftless Screw Conveyors** efficiently convey dry, semi-fluid or sticky materials.

The shaftless design provides a non-clogging conveying surface by eliminating the need for intermediate shaft bearings.

## **KWS Shaftless Screw Conveyors provide the flexibility you need for a variety of applications.**

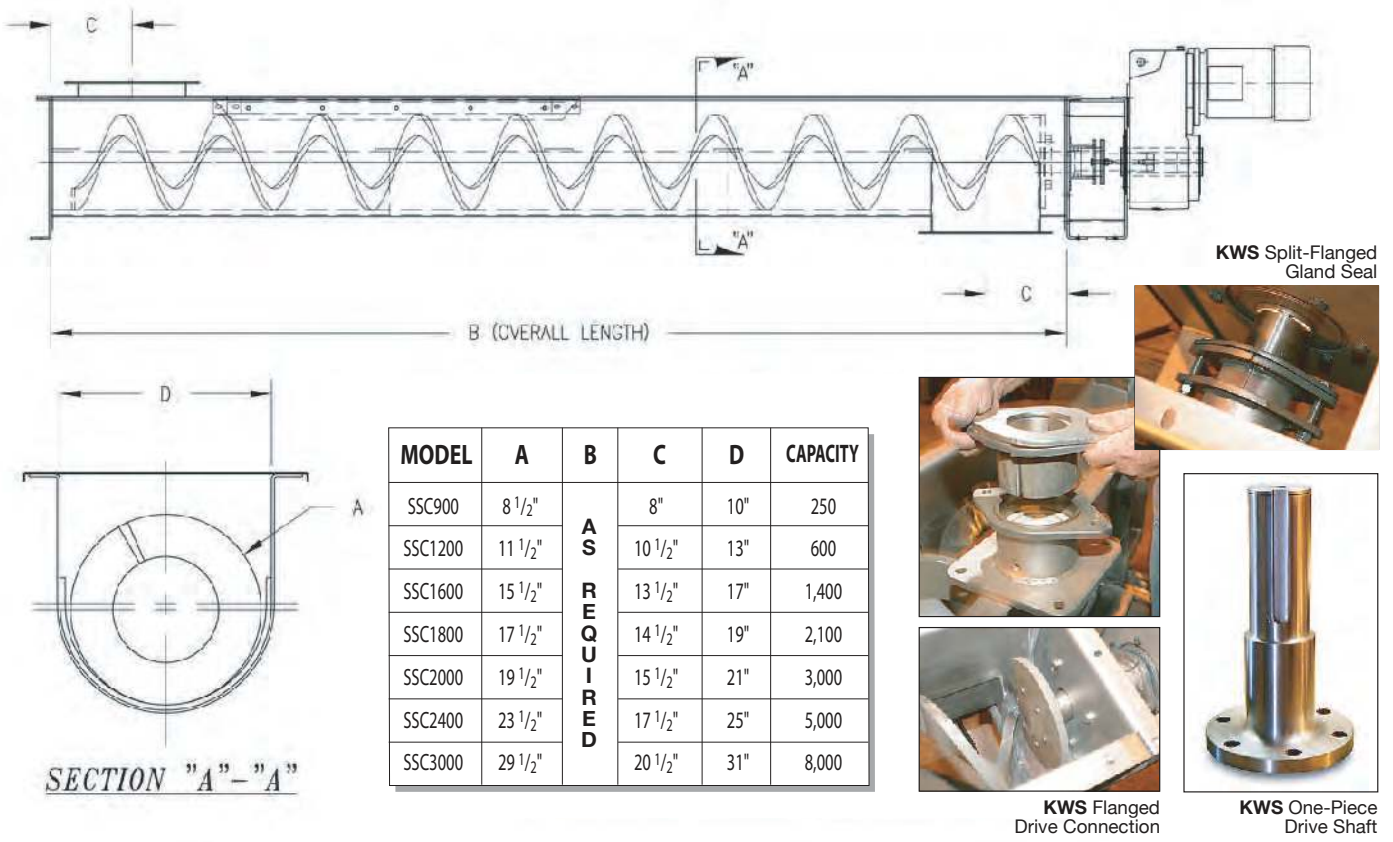
*KWS Shaftless Screw Conveyors* are a wise investment. *Lower capital cost* and lower overall maintenance are realized from equipment designed to require fewer parts. *Better performance* is achieved through zero-clearance between the trough and spiral. This improves conveying efficiency and eliminates many of the flow-impeding issues common with shafted screw conveyors. *Higher trough loading* allows for lower operating speeds. Finally, the KWS Shaftless Screw Conveyor design allows for greater *flexibility and efficiency* in plant layout, providing for end-to-end, side inlet/discharge and vertical configurations.

Every KWS conveyor system is *manufactured in the USA* by highly skilled craftsmen who show their dedication to producing quality products every day.



**Design  
Engineering  
Manufacturing**

# **Shaftless Screw Conveyors**



## Available Features/Options

- Materials of Construction: Carbon Steel, Hot-Dipped Galvanized, 304 or 316 Stainless Steel or Other Alloys
- Spiral Materials: High Strength Alloys up to 350 BHN, 304 or 316 Stainless Steel
- Housings: CEMA Standard U-Trough or Tubular Housing
- Covers: Flanged Covers with Option for Bolts, Clamps or Hinges
- Liner Materials: UHMW, Xylethon or Abrasion-Resistant Steels
- Shaft Seals: KWS Proprietary Split Flanged Gland Seal with Multiple Rings of Teflon Packing
- Drive Shafts: KWS Proprietary Flanged Drive Shaft—Machined as One Piece
- Spiral Hold-Downs: KWS Proprietary Removable Hold-Down

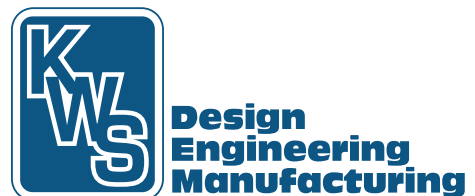
## Available Configurations

- Screw Conveyors
- Screw Feeders
- Vertical Screw Conveyors
- Multiple Screw Live-Bottom Feeders
- Inclined Screw Conveyors
- Screenings Washers/Compactors
- Grit Washers/Classifiers

*KWS is the only manufacturer to offer spirals with a hardness of 350 BHN for abrasive and difficult applications.*

**KWS Manufacturing Company, Ltd.**  
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# Features/Options