

Shaftless Screw Conveyors



KWS Shaftless Screw Conveyors efficiently convey bulk materials for many industries, including chemical, rendering, wood products and wastewater treatment.

KWS Shaftless Screw Conveyors are cost effective and provide flexibility for plant layout.

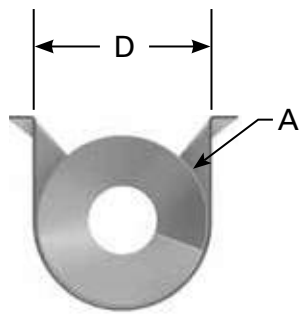
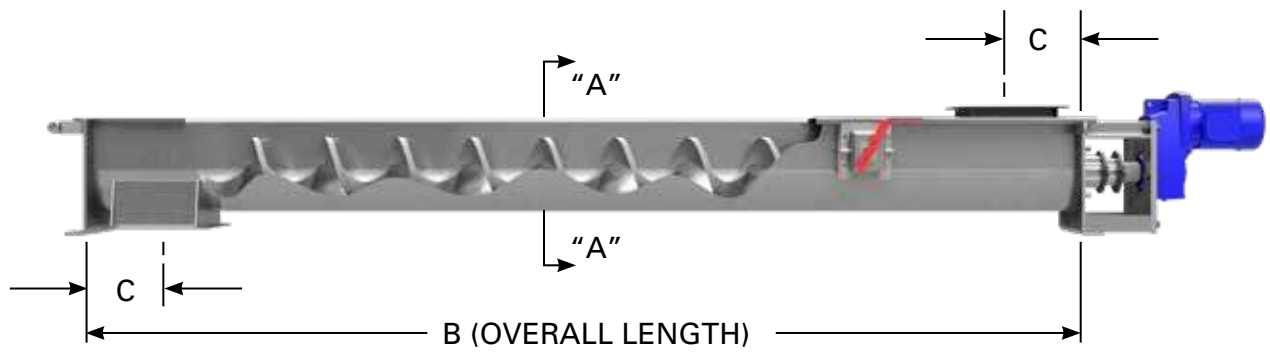
Better Performance – Zero-clearance between trough and spiral improves conveying efficiency

Higher Trough Loading – Higher conveying capacities are achieved at lower operating speeds

Lower Operation Costs – Fewer components require maintenance and replacement

Greater Flexibility – Direct transitions between equipment provide simplified plant layout

KWS high strength shaftless spirals with 350 Brinell Hardness Number (BHN) are designed for abrasive and difficult applications.



SECTION "A" – "A"

| MODEL | A | B | C | D | CAPACITY |
|---------|---------|----------|---------|-----|-----------|
| SSC900 | 8 1/2" | As | 8" | 10" | 250 CFH |
| SSC1200 | 11 1/2" | Required | 10 1/2" | 13" | 600 CFH |
| SSC1600 | 15 1/2" | | 13 1/2" | 17" | 1,400 CFH |
| SSC1800 | 17 1/2" | | 14 1/2" | 19" | 2,100 CFH |
| SSC2000 | 19 1/2" | | 15 1/2" | 21" | 3,000 CFH |
| SSC2400 | 23 1/2" | | 17 1/2" | 25" | 5,000 CFH |
| SSC3000 | 29 1/2" | | 20 1/2" | 31" | 8,000 CFH |

Available Features/Options

Materials of Construction

- Spirals: High Strength Micro Alloy 350 BHN, 304/316 Stainless Steel, Nitronic, Hastelloy
- Housings: CEMA Standard U-Trough or Tubular Housing
- Liner Materials: UHMW, Xylethon and Abrasion-Resistant Steels
- Shaft Seals: Split Flanged Gland Seal with Multiple Rings of Packing
- Drive Shafts: KWS One-Piece Flanged Drive Shaft
- Spiral Hold-Downs: Over Center or Side-Angle Removable
- Covers: Flanged Covers with Bolts or Clamps and Hinges

Available Configurations

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

KWS One-Piece Drive Shaft



KWS Flanged Drive Connection



All KWS equipment is 100-percent manufactured in the USA by highly skilled craftsmen dedicated to producing quality products every day.



MADE IN THE USA

KWS Manufacturing Co., Ltd.

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