

Stub End Shaft

Dead End Shaft for Screw Conveyors

Traditional screw conveyors utilize a tail shaft that extends through the conveyor trough end plate, external seal, and bearing. On vertical, inclined, or flood-loaded conveyors, this configuration often results in material leakage, seepage, or premature failure of seals and bearings. Handling of high-moisture materials increases the severity of these issues.

The **KWS Dead End Shaft** eliminates these problems through a proprietary design that requires no external seal or bearing. The shaft is mounted internally with a gasketed, leak-free plate, projecting inward rather than outward. The tail end of the screw contains an internal bushing that provides the bearing surface and rotates with the screw. Purging with air, nitrogen, or various types of grease extends service life. The internal bushings and shaft design minimize maintenance requirements and allow for simple replacement.

Features

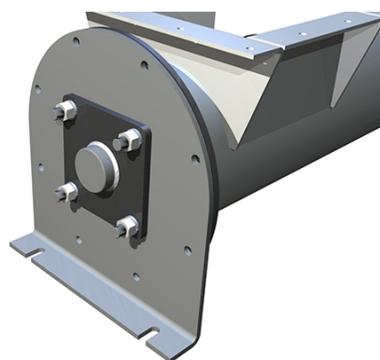
Material Options – Carbon steel, abrasion-resistant steel, stainless steel, or special alloys available to meet specific application demands.

Bushing Materials – Teflon, bronze, Stellite, and other materials designed for long service life and reduced maintenance.

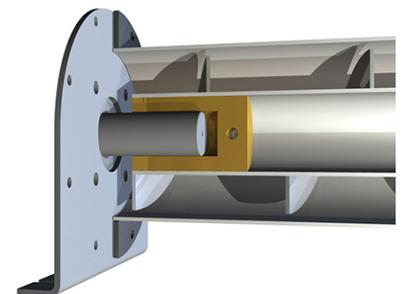
Benefits

Reduced Maintenance – Bulk material leakage and potential downtime are eliminated.

Versatility in Applications – Suitable for a wide range of conveying and production needs.



KWS Dead End Shaft Eliminates Material Leakage and Premature Failure of Seals and Bearings



Shaft is Fixed Internally with Bushing that Rotates with Screw



**Design
Engineering
Manufacturing**

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Features & Benefits



KWS Dead End Shafts are Ideal for
Vertical Screw Conveyors



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